Iranian Oil Operating Companies.

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

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METEOROLOGICAL OBSERVATIONS

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National Oceanic and Atmospheric Administration

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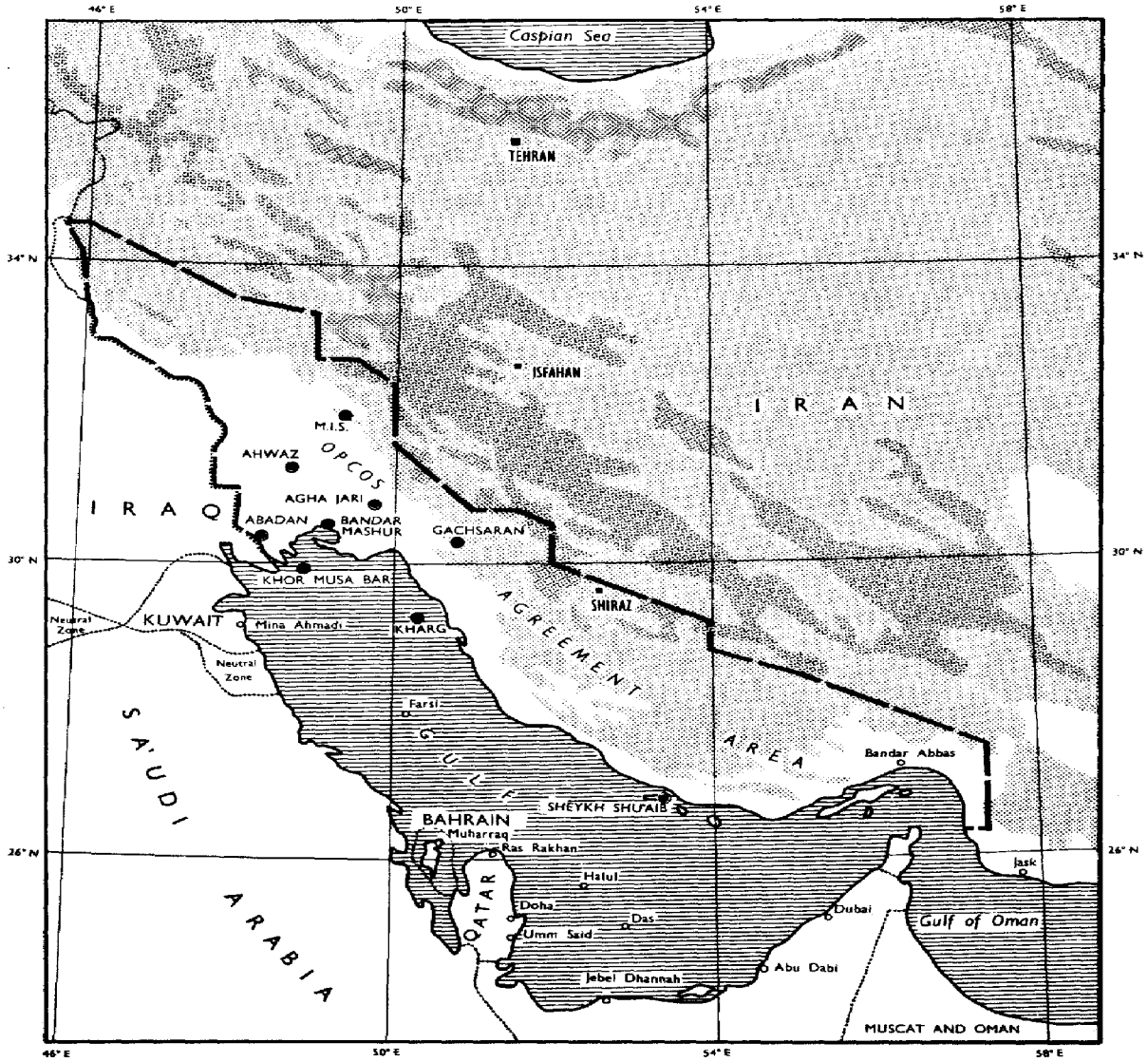
March 28, 2002

IRANIAN OIL OPERATING COMPANIES'
WEATHER STATIONS

50 0 100 200 300 400 500

Kilometres

SCALE 1 : 8,000,000



LEGEND

Company Weather Station	KHARG
Non - company Weather Station	Jebel Dhanneh
Ground elevation over 500 metres AMSL	
Ground elevation over 2000 metres AMSL	
Companies' Agreement Boundary	
International Boundaries	

NOTE : Khor Musa Bar, weekly recording anemograph only

NOTE : Boundary extends 3 statute miles offshore from mainland and adjacent islands

2.

Met. Form No. 1

WEATHER BULLETIN

July 1964.

CONTENTS.

The following stations are included in this bulletin.

Station	Index Number	Latitude	Longitude	Height AMSL	Page
Masjid-i-Sulaiman (Airport) 1)	40-812	31°59' N	49°16' E	362 m.	6
Agha Jari (Ummidieh airport) 1)	40-833	30°44' N	49°40' E	29 m.	10
Gach Saran (Du Gombadan airport) 1)	40-835	30°20' N	50°50' E	709 m.	16
Ahwaz (Airport) 2)	-	31°20' N	48°45' E	21 m.	19
Abadan (IOOC airport) 2)	-	30°22' N	48°13' E	3 m.	22
Bandar Mashur (Marine Department) 3)	40-832	30°30' N	49°12' E	3 m.	25
Kharg Island (Airport) 1)	40-845	29°16' N	50°20' E	3 m.	30
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40-882	26°48' N	53°22' E	2 m.	35
Khor Musa (Instrument platform) 4)	-	30°00' N	49°02' E	6 m.	40

1) International Synoptic and Aeronautical Station.
2) International Synoptic Station.
3) Climatological and Aeronautical Station.
4) Wind recording only.

REMARKS.

The Iranian Oil Exploration and Producing Companies' Weather Reporting Stations are controlled by Air Services HQ, Abadan. The technical work is supervised by a meteorologist from International Meteorological Consultant Services, London. The instruments and observation procedures used are according to international and Iranian regulations. The observations are carried out by specially trained staff.

The units used in this bulletin are those recommended by World Meteorological Organisation. For the benefit of those who want to use other units, the necessary conversion factors are given below.

Met. Form 2.

Maximum and Minimum Temperature.
Measured in a thermometer screen about 135 cm above ground. A standard mercury maximum thermometer and a standard spirit minimum thermometer are used.
The average temperature of the month can roughly be obtained by taking the means of the average maximum and average minimum temperatures.

Ground Minimum Temperature.
Measured by a standard spirit minimum thermometer exposed about 2 cm above ground.

Sun Maximum Temperature.
Measured by a mercury black bulb thermometer in vacuum. The maximum intensity of the solar radiation is measured and expressed in °C. The thermometer is exposed at a height of 135 cm above ground.

Sea Temperature.
Measured by an ordinary mercury thermometer a few centimeters below the surface of the sea.

Humidity.
Measured by a "dry" and "wet" bulb thermometer system (unventilated) in a thermometer screen at a height of approximately 135 cm. above ground.

Vapour Pressure is the partial pressure of the water vapour gas in the atmosphere.

Dew Point Depression is the difference between the shade temperature and the dew point temperature (at which condensation takes place if the air is cooled to that temperature).

During the greater part of the year, the minimum relative humidity occurs, as an average, at about 1530, and the maximum relative humidity at about 0630 local time. However, there can be great variations from this rule, especially in wintertime.

The calculation of the different humidity units is carried out with the help of the "Bilham sliderule".

Station Pressure.
The barometer reading reduced to 0°C, standard gravity, and station level. Measured by a Kew type station barometer.

Rainfall.
Measured by 8" rain guage, the top of which is approximately 70 cm above ground.

1 mm rainfall is equal to an amount of 1 kg (1 litre) of water per square meter of level ground.

Wind.
The stations at Mashid-i-Sulaiman, Agha Jari, Bandar Mashur, Kharg Island, Sheikh Shu'aib and Khor Musa are equipped with Dine's Pressure Tube Anemograph. The other stations have a cup generator anemometer or a portable anemometer.

Horizontal Visibility.
The lowest visibility during daytime is used in this frequency table.

Dust.
Includes days with sandstorm or dust suspended in the air if the horizontal visibility has been less than or equal to 1 km.

Thunderstorm.
Includes days with thunderstorm at the station or heard from the station.

Cloudiness.
The total amount of clouds is expressed in eighths of the complete celestial dome.

The Daily Average is calculated from the observations at 0630, 0930, 1230, 1530 and 1830 local time.

Met.Form 3.
See comments under Met.Form 2.

Cloudiness.
x = clouds have not been observed due to fog or dust.

Rainfall.
Tr. = less than 0.1 mm (Trace).

Remarks.
The most important weather phenomena during the day is given. The "Code of Remarks" at the bottom of the pages is given in terms of increasing importance of weather. As the observers are not on duty during night, generally the weather during daytime is given. If the observer, however, has observed any weather phenomena during the night, it is included under Remarks.

Met.Form 5 and 6.
The wind has been recorded with Dine's Pressure Tube Anemograph exposed at approximately 13 m. above ground.

CONVERSION FACTORS.

Temperature.

$$^{o}F = \frac{9^{o}}{5}C + 32$$

Pressure.
1 mb = 0.0295 inches Hg = 0.750 mm Hg

Standard atmosphere pressure at mean sea level = 1013.2 mb = 29.92 inches Hg = 760.0 mm Hg = 14.7 lb/sqin.

Length.
1 mm = 0.039 inches
1 m. = 3.28 ft
1 km = 0.621 statute miles

Speed.
1 knot = 0.515 m/sec = 1.151 miles/hr

INSTRUMENTS.

At the end of the month, the stations were equipped with the following instruments.

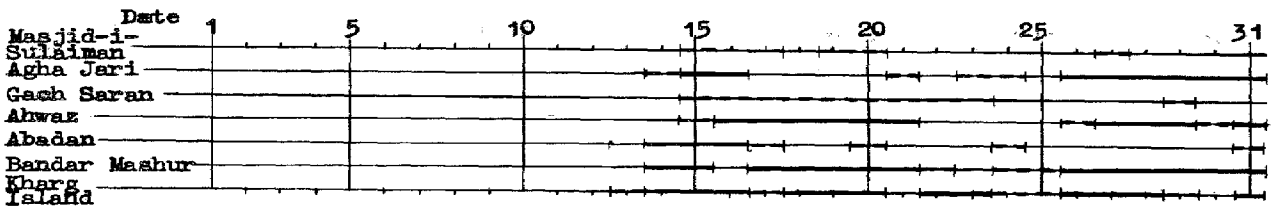
	Thermometers							Thermo-Hygrograph	Assmann	Barometer	Barograph	Anemometers		
	Dry	Wet	Max.	Min.	Ground Min.	Sun Max.	Sea					Dine's	Cup	Portable
Masjid-i-Sulaiman	x	x	x	x	x	x		x		x	x	x	x	x
Agha Jari	x	x	x	x	x	x		x		x	x	x		x
Gach Saran	x	x	x	x	x	x		x		x	x		x	x
Ahwaz	x	x	x	x	x			x		x	x		x	x
Abadan	x	x	x	x	x	x		x	x	x	x		x	x
Bandar Mashur	x	x	x	x	x	x		x		x	x	x	x	x
Kharg Island	x	x	x	x	x	x		x	x	x	x	x	x	x
Sheikh Shu'aib	x	x	x	x	x	x	x	x		x	x	x	x	x
Khor Musa												x		

WEATHER.

The following table gives the departures from the normal July values of certain meteorological elements (+ = higher than normal; - = lower than normal).

	Maximum Temperature °C	Minimum Temperature °C	Ground Min. Temp. °C	Sun Maximum Temp. °C	Sea Temperature °C	Relative Humidity Average of day %	Station Pressure mb
Masjid-i-Sulaiman	-0.4	+0.7		0.0		-1	-0.2
Agha Jari	0.0	-1.6		-3.9		-1	+0.1
Gach Saran	+0.1	-0.5	+0.5	-1.2		+4	-0.5
Ahwaz	+1.1	+1.6					
Abadan	+0.2	-1.3		+2.9		-2	-0.4
Bandar Mashur	-2.7	+0.5		-1.6			+0.1
Kharg Island	-1.0	-0.2	-2.9	+1.2		-2	+0.5
Sheikh Shu'aib	-1.4	+1.9		+1.6	-1.7	+6	+0.1

The following graph shows the periods of Sharji (humid Southerly winds) that occurred during the month.



Days with strong sharji

Days with insignificant sharji.

OPTICAL PHENOMENA.

No optical phenomena were observed during the month.

EARTHTREMORS ETC.

No earthtremors were reported during the month.

ERRATA.

June 1964 bulletin.
Page 3. Sheikh Shu'aib. Sea Temperature. Add: 29.4.

T. Bergquist
Meteorologist
IMOOS Ltd.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month : July Year : 1964

Local Time : GMT + 3½ hrs.

STATION	Maximum Temperature Monthly Average °C	Maximum Temperature Monthly Highest °C	Maximum Temperature Monthly Highest Date	Minimum Temperature Monthly Average °C	Minimum Temperature Monthly Lowest °C	Minimum Temperature Monthly Lowest Date	Ground Min. Temperature Monthly Average °C	Ground Min. Temperature Monthly Lowest °C	Ground Min. Temperature Monthly Lowest Date	Sea Temp Monthly Average °C	Sun Maximum Temperature Monthly Average °C	Sun Maximum Temperature Monthly Highest °C	Sun Maximum Temperature Monthly Highest Date	Humidity Vapour Pressure at 0930 mb	Humidity Dew Point Depression at 0930 °C	Humidity Rel. Hum. Daily avr. %	Humidity Rel. Hum. 1530 (avr.) %	Humidity Rel. Hum. 0630 (avr.) %	Rainfall Monthly Total mm	Rainfall Maximum in 24 hrs. mm	Rainfall Maximum in 24 hrs. Date	Station Pressure (QFE) at 0930 Monthly Average mb	Station Pressure (QFE) at 0930 Monthly Highest mb	Station Pressure (QFE) at 0930 Monthly Highest Date	Station Pressure (QFE) at 0930 Monthly Lowest mb	Station Pressure (QFE) at 0930 Monthly Lowest Date	Maximum Wind Velocity Velocity kts.	Maximum Wind Velocity Direction degr.	Maximum Wind Velocity Date
Masjid-i-Sulaiman	44.7	49.8	13	26.6	26.6	1	24.9	20.8	1		74.2	77.3	11	10.3	33.4	14	9	24		0	-	957.5	962.1	24	953.9	3	37	080	13
Agha Jari	46.0	49.6	25	26.8	23.4	9	24.7	19.6	1		77.1	80.6	31	17.8	22.5	25	12	44		0	-	995.4	999.9	24	992.1	12	41	320	11
Gach Saran	42.4	46.5	12	25.0	20.9	9	24.8	20.9	9		72.5	77.0	12	12.9	27.3	22	15	37		0	-	919.9	924.7	24	916.4	12			
Ahwaz	46.6	48.6	18	27.1	23.6	1	25.9	20.9	1					19.9	19.9	28	15	50		0	-	994.8	999.5	21	991.6	3			
Abadan	44.6	49.2	30	27.1	22.5	9	25.7	21.2	28		75.1	79.0	27	16.1	23.1	26	13	44		0	-	997.5	1001.9	21	994.9	3			
Bandar Mashur	41.8	47.1	25	27.7	24.0	1	25.4	22.2	1		73.1	80.8	21	22.6	15.1	44	27	63		0	-	997.0	1001.6	21	993.8	5	35	320	2
Kharg Island	37.3	40.6	9	29.2	26.8	9	24.9	25.0	10		69.9	74.5	8	30.4	9.3	59	43	74		0	-	997.5	1002.1	21	993.6	12	33	350	5
Sheikh Shu'aib	35.4	37.8	10	29.4	26.3	1				30.9	72.2	76.3	17	37.2	5.8	78	73	98		0	-	997.6	1003.4	21	992.2	3	29	120	27
Khor Musa																											40	320	14

NUMBER OF DAYS WITH:

STATION	Cloudiness Daily Average	Cloudiness ≤ 2/8 at 0930	Cloudiness ≥ 7/8 at 0930	24 Hour Rainfall ≥ 1 inch	24 Hour Rainfall ≥ 10 mm	24 Hour Rainfall 5.0 – 9.9 mm	24 Hour Rainfall 1.0 – 4.9 mm	24 Hour Rainfall 0.1 – 0.9 mm	24 Hour Rainfall ≥ 0.1 mm	Thunderstorms	Dust (Vis.≤1km.)	Fog (Vis.≤1km.)	Horizontal Visibility ≥ 30 km.	Horizontal Visibility 15-30 km.	Horizontal Visibility 5-15 km.	Horizontal Visibility 2-5 km.	Horizontal Visibility 1-2 km.	Horizontal Visibility 500 - 1000 m.	Horizontal Visibility 200 - 500 m.	Horizontal Visibility ≤ 200 m.	Minimum Temperature ≥ 35.0°C.	Minimum Temperature 30.0 - 34.9°C.	Minimum Temperature 20.0 - 29.9°C.	Minimum Temperature 10.0 - 19.9°C.	Minimum Temperature 0.0 - 9.9°C.	Minimum Temperature < 0.0°C.	Maximum Temperature ≥ 45.0°C.	Maximum Temperature 40.0 - 44.9°C.	Maximum Temperature 30.0 - 39.9°C.	Maximum Temperature 20.0 - 29.9°C.	Maximum Temperature 10.0 - 19.9°C.	Maximum Temperature < 10.0°C.
Masjid-i-Sulaiman	0.3	29	2	0	0	0	0	0	0	0	9	0	1	7	8	5	1	6	2	1	0	19	12	0	0	0	11	20	0	0	0	0
Agha Jari	0.9	28	2	0	0	0	0	0	0	0	7	0	0	1	11	9	3	2	3	2	0	1	30	0	0	0	23	8	0	0	0	0
Gach Saran	1.0	27	2	0	0	0	0	0	0	0	5	0	0	2	10	9	5	3	2	0	0	0	31	0	0	0	5	25	1	0	0	0
Ahwaz	0.3	30	0	0	0	0	0	0	0	0	4	0	0	8	8	6	5	5	1	2	0	0	27	0	0	0	27	4	0	0	0	0
Abadan	1.3	29	1	0	0	0	0	0	0	0	8	0	0	4	4	8	3	4	2	2	0	0	27	0	0	0	16	15	0	0	0	0
Bandar Mashur	0.7	29	0	0	0	0	0	0	0	0	4	0	0	3	13	6	3	5	1	1	0	0	26	0	0	0	4	9	0	0	0	0
Kharg Island	0.9	26	2	0	0	0	0	0	0	0	6	0	0	9	14	9	1	3	1	2	0	0	24	0	1	0	0	1	0	0	0	0
Sheikh Shu'aib	1.4	23	2	0	0	0	0	0	0	0	2	0	0	3	19	1	6	3	6	0	0	12	19	0	0	0	0	0	31	30	1	0

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : July Year : 1964
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Masjid-i-Sulaiman
		Lat : 31° 59' N. Long : 49° 16' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	28.5	16.8	6.6	9.8	25	956.2	–	0	0	8	41.4	19.6	-1.6	5.4	7	956.0	–	0	0	10	1
2	29.1	15.9	2.9	7.6	19	955.8	–	0	0	1	41.4	19.0	-4.9	4.1	5	955.0	270	10	0	3.5	2
3	29.1	15.3	0.6	6.4	16	953.8	–	0	0	0.8	41.6	20.1	0.5	6.3	8	953.9	270	10	0	4	3
4	30.7	17.2	5.2	8.9	20	954.1	–	0	0	5	43.8	20.5	-1.3	5.5	6	954.8	250	8	0	6	4
5	31.4	17.1	3.9	8.1	18	954.1	–	0	0	2	44.6	21.3	1.2	6.7	7	954.3	270	4	0	5	5
6	32.9	18.5	6.7	9.8	20	953.4	–	0	0	0.5	43.4	21.1	2.2	7.2	8	954.1	240	2	0	1.5	6
7	32.8	18.2	5.8	9.3	19	954.1	–	0	0	0.6	41.8	20.2	0.7	6.4	8	954.8	180	2	0	7	7
8	30.2	17.3	6.2	9.5	22	955.5	–	0	0	12	39.8	19.6	1.3	6.7	9	956.7	120	4	0	20	8
9	30.0	16.0	1.8	7.0	16	957.5	–	0	0	15	41.1	19.5	-1.6	5.4	7	959.3	260	8	0	18	9
10	30.0	16.5	4.1	8.2	19	958.5	–	0	0	15	41.2	19.8	-0.1	6.0	8	958.3	240	8	0	12	10
11	30.0	17.0	5.4	9.0	21	955.7	–	0	0	1	42.2	20.5	1.4	6.8	8	954.1	–	0	0	3	11
12	31.0	18.0	7.3	10.3	23	953.7	–	0	X	0.2	43.6	21.0	1.5	6.8	8	953.8	300	12	0	0.7	12
13	34.2	18.5	5.1	8.8	16	955.8	–	0	0	0.5	48.1	22.0	-1.1	5.6	5	955.2	090	18	0	3	13
14	33.3	20.0	10.6	12.3	25	955.7	300	6	0	1	46.0	23.3	7.6	10.5	10	955.3	–	0	0	0.8	14
15	31.8	21.7	15.9	17.9	38	957.2	–	0	0	0.8	42.3	23.5	12.0	14.0	17	958.1	200	6	0	1.2	15
16	32.6	21.4	14.5	16.6	34	958.9	–	0	7	2	40.6	22.8	11.4	13.6	18	959.4	210	2	7	2	16
17	33.4	21.6	14.3	16.4	32	957.8	–	0	0	3	43.2	24.0	12.5	14.5	17	957.8	220	11	0	3	17
18	33.2	23.0	17.4	20.0	39	958.0	–	0	0	2	42.0	22.7	9.8	12.2	15	957.7	270	10	0	3	18
19	33.0	21.1	13.5	15.5	31	956.2	–	0	0	2	41.9	22.8	10.3	12.5	15	957.0	160	3	0	2	19
20	31.7	20.7	13.7	15.7	33	958.0	–	0	0	5	41.6	22.1	8.3	11.0	14	959.4	250	6	0	7	20
21	32.6	20.1	11.4	13.5	27	961.5	–	0	0	10	41.5	21.0	4.6	8.5	11	961.9	350	4	0	15	21
22	32.6	18.7	7.6	10.5	21	960.8	–	0	1	12	43.0	21.8	5.7	9.2	11	961.0	250	4	0	25	22
23	32.6	18.2	6.0	9.4	19	958.5	–	0	0	20	44.0	22.0	5.2	8.9	10	959.0	–	0	0	20	23
24	31.8	17.0	3.0	7.6	16	956.2	–	0	0	15	45.3	21.6	1.6	6.9	7	956.7	–	0	0	15	24
25	32.1	17.1	2.8	7.5	16	954.3	–	0	0	15	44.5	22.0	4.5	8.5	9	954.9	260	5	0	20	25
26	33.0	17.8	4.2	8.3	17	955.5	–	0	0	25	44.0	22.2	6.0	9.4	10	957.0	150	4	0	25	26
27	32.7	22.0	15.7	17.9	36	960.1	–	0	0	8	42.0	23.0	10.7	12.9	16	960.6	180	8	0	6	27
28	30.7	16.7	3.5	7.9	18	960.7	–	0	0	20	42.0	19.4	-3.9	4.5	5	960.9	240	5	0	30	28
29	30.6	18.2	8.3	11.0	25	958.8	–	0	0	20	42.0	20.3	0.6	6.4	8	959.5	270	4	0	20	29
30	28.8	14.8	-0.9	5.7	14	957.7	300	10	0	30	42.2	21.2	4.4	8.4	10	958.3	240	4	0	30	30
31	33.1	18.2	5.5	9.1	18	958.4	–	0	0	20	42.0	19.4	-3.8	4.5	6	958.1	170	18	0	20	31
Av.	31.6	18.4	7.4	10.8	24	956.9	–	1	1	9	42.7	21.3	3.4	8.2	10	956.9	–	6	0	11	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Masjid -i-Sulaiman

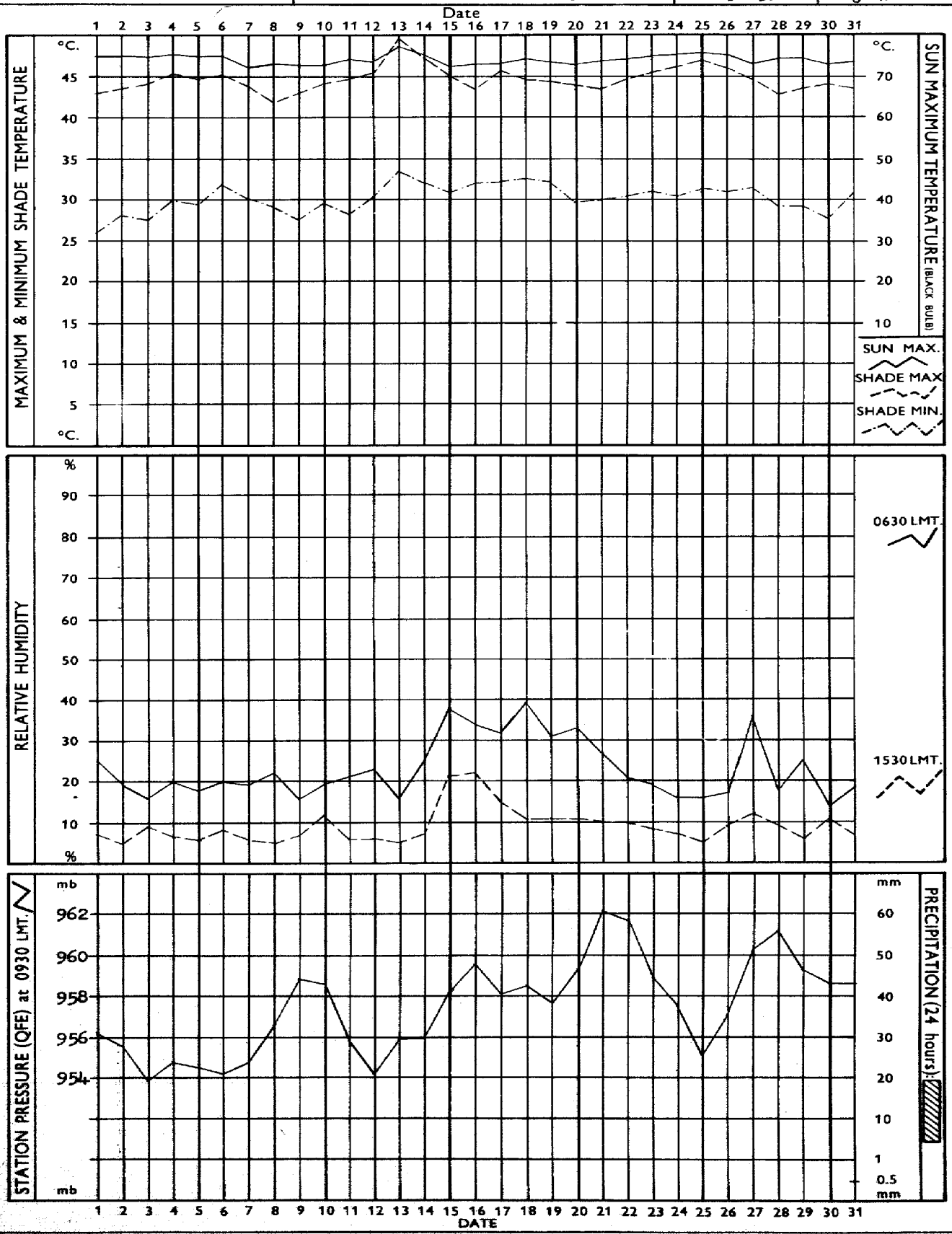
Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°59' N. | Long : 49°16' E.

Observations at 1830											Extreme Temperature				Max. Wind				
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity	24 hour Rainfall (1830 – 1830)	Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
40.9	19.0	-3.7	4.6	6	955.2	260	12	0	10		43.0	26.6	20.8	74.9	220	16	0	Haze	1
41.5	18.6	-7.7	3.1	4	954.1	240	10	0	20		43.5	28.0	23.8	75.0	260	20	0	Dust	2
42.0	19.7	-2.3	5.1	6	952.6	270	4	0	6		44.0	27.6	22.2	74.8	200	14	0	"	3
43.4	21.3	3.2	7.7	9	953.8	310	6	0	10		45.3	30.0	24.0	75.6	250	16	0	Haze	4
43.0	19.9	-3.2	4.8	6	952.8	270	12	0	4		44.8	29.4	24.2	75.0	270	18	0	"	5
43.0	20.3	-0.9	5.7	7	952.7	280	6	0	10		45.2	31.9	28.1	75.1	250	14	0	Dust	6
41.6	19.4	-3.1	4.8	6	952.5	250	10	0	10		43.8	30.1	27.8	72.3	230	14	0	"	7
40.0	19.0	-2.1	5.2	7	955.0	190	10	0	15		42.0	29.1	24.3	73.2	200	16	0	Haze	8
41.0	20.3	2.4	7.3	9	957.4	190	2	0	15		43.0	27.6	23.3	72.8	190	17	0	Clear	9
41.8	20.2	0.7	6.4	8	955.9	250	10	0	15		44.0	29.4	24.1	73.0			0	"	10
42.2	19.8	-1.9	5.2	6	952.4	240	6	0	12		44.7	28.3	23.8	74.3	260	18	0	Dust	11
44.3	21.5	2.7	7.5	8	952.6	330	12	0	3		45.4	30.2	27.0	73.6	280	19	0	"	12
44.0	22.2	6.0	9.4	10	954.6	170	4	0	1.5		49.8	33.4	28.3	77.3	080	37	0	"	13
44.9	22.0	4.0	8.1	9	955.1	250	6	0	3		47.4	32.0	28.0	75.4	260	18	0	"	14
41.4	25.0	16.3	18.6	23	957.6	200	4	0	2		45.1	31.1	29.5	72.5			0	"	15
41.5	23.0	11.2	13.4	17	958.8	260	4	8	2		43.5	31.9	28.2	72.8	260	10	0	Haze	16
44.2	23.0	8.5	11.1	12	956.6	180	10	0	2		45.6	32.3	27.8	73.2	230	20	0	"	17
43.0	22.0	6.5	9.7	15	955.8	270	10	0	8		44.8	32.6	27.4	74.6	250	15	0	"	18
42.7	23.1	10.3	12.6	15	955.7	320	6	0	4		44.4	32.2	27.7	73.6	230	23	0	"	19
41.6	21.6	6.6	9.8	12	958.0	250	6	0	20		43.9	29.7	23.1	73.0	260	15	0	"	20
41.7	21.0	4.4	8.4	10	960.5	190	2	1	15		43.4	30.0	23.6	73.8	250	13	0	"	21
42.4	20.9	3.0	7.6	9	958.4	–	0	0	20		44.6	30.3	23.7	74.3	180	11	0	Clear	22
43.4	20.0	-3.2	4.7	5	956.3	–	0	0	15		45.5	31.0	23.3	75.0	260	8	0	"	23
43.8	21.5	3.4	7.8	9	955.5	250	5	0	15		46.2	30.4	23.1	75.3	200	16	0	"	24
44.6	20.7	-1.7	5.4	6	953.1	270	4	0	25		47.0	31.0	23.8	75.7	250	16	0	"	25
44.1	21.0	0.8	6.5	7	955.9	180	7	0	15		46.0	31.0	23.6	75.1	160	14	0	"	26
42.4	21.0	3.3	7.8	9	959.0	170	4	0	20		44.6	31.5	26.7	73.0	190	19	0	Haze	27
41.8	20.0	-0.3	6.0	7	958.7	190	2	0	40		42.8	29.3	32.4	74.3	230	18	0	Clear	28
41.4	19.8	-0.6	5.9	7	957.4	240	2	0	40		43.5	29.2	23.6	74.4	250	17	0	"	29
42.4	21.0	3.3	7.8	9	956.5	270	3	0	30		44.1	27.8	21.1	73.1	230	15	0	"	30
41.0	19.4	-1.9	5.3	7	956.5	270	10	0	40		43.5	30.8	22.2	75.6	310	22	0	"	31
42.5	20.9	2.1	7.5	9	955.7	–	6	0	14		44.7	30.2	24.9	74.2					Av.

CODE FOR REMARKS (continued)

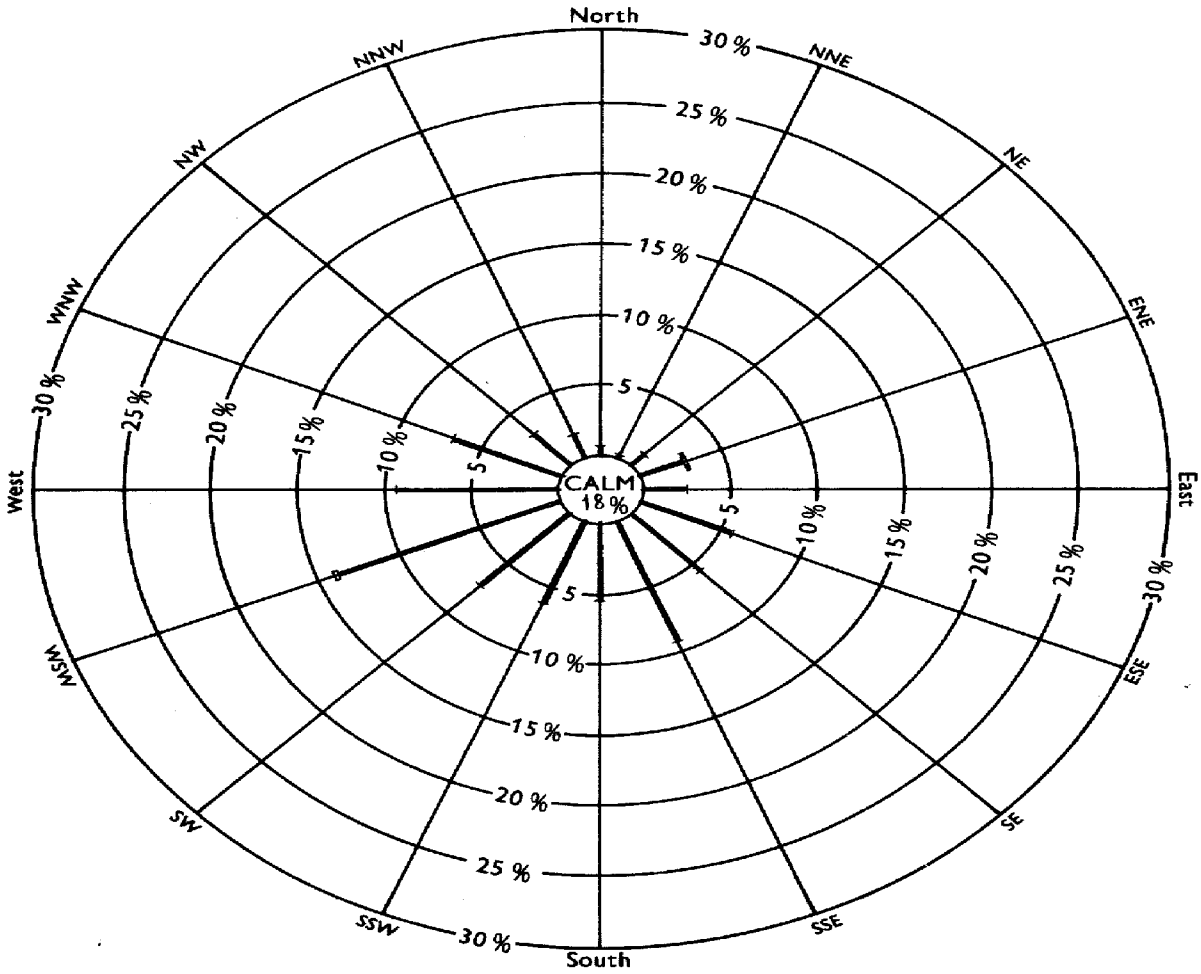
Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : July	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



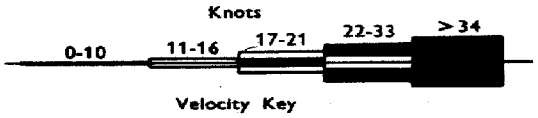
Met. Form 4

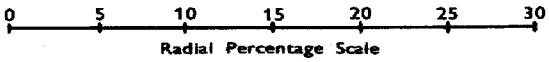
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : July	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Hours in month 744

Hours recorded 720



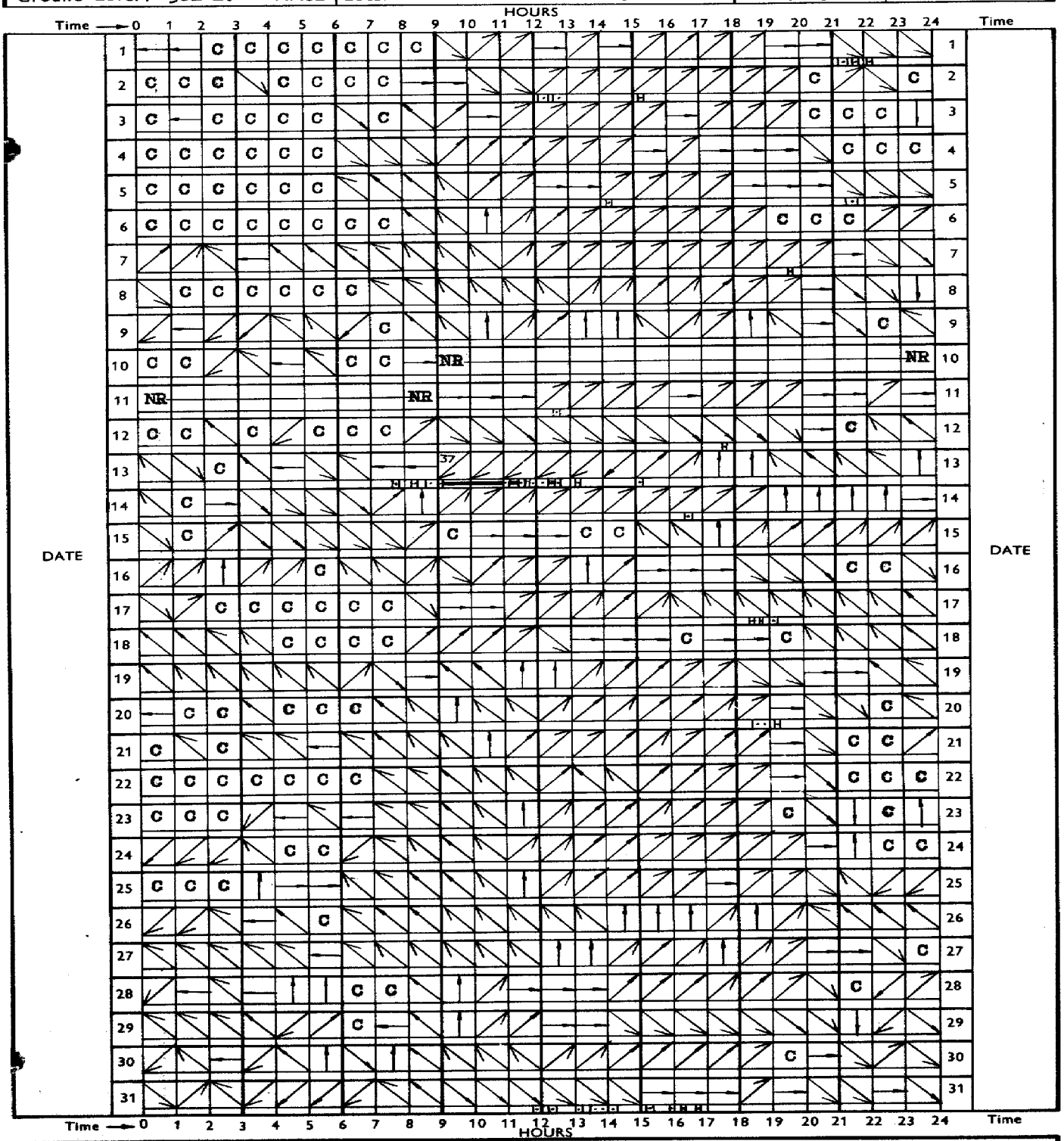


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

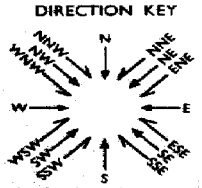
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month : July	Year : 1964
	DINES ANEMOGRAPH	Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



3 40 4 Example : From 0300 to 0400 hrs, NNW. more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Agha Jari

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long : 49°40' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	25.0	16.3	9.1	11.6	37	994.4	–	0	0	8	41.4	21.2	5.6	9.1	11	994.1	300	6	0	10	1
2	25.5	15.4	6.1	9.4	29	993.7	–	0	0	8	43.2	20.4	−0.7	5.8	7	992.2	320	8	0	8	2
3	27.0	17.0	8.9	11.4	32	992.0	–	0	0	3	40.5	20.0	1.8	7.0	9	991.4	260	4	0	3	3
4	25.0	16.4	9.4	11.8	37	991.8	–	0	0	5	44.6	21.2	0.7	6.5	7	991.8	280	6	0	6	4
5	28.4	18.4	11.1	13.2	34	992.5	–	0	0	0.6	42.4	20.5	1.1	6.7	8	992.1	290	6	0	4	5
6	28.2	16.8	7.0	10.0	26	991.5	–	0	0	1.5	42.0	21.5	5.8	9.3	11	991.7	270	10	0	4	6
7	28.0	16.5	6.3	9.6	26	992.4	–	0	0	2	44.0	20.2	−3.3	4.7	5	991.8	330	16	0	6	7
8	26.6	17.2	9.9	12.2	35	993.3	–	0	0	4	42.6	20.8	2.0	7.1	8	993.8	240	3	0	5	8
9	24.4	14.3	4.1	8.2	27	995.6	150	4	0	8	43.0	21.6	5.0	8.7	10	996.7	180	2	0	8	9
10	25.6	16.0	7.7	10.5	32	999.3	–	0	0	12	44.6	21.1	0.3	6.3	7	995.4	260	10	0	12	10
11	27.1	14.8	1.8	7.0	19	993.9	360	4	0	1	43.6	20.8	0.5	6.3	7	992.1	330	22	0	3	11
12	29.0	17.5	8.1	10.8	27	991.7	–	0	0	1	41.9	21.0	3.9	8.1	10	991.3	270	6	0	1	12
13	29.4	18.4	10.1	12.4	30	993.4	–	0	0	2	42.0	25.0	15.9	18.1	22	993.0	160	10	X	0.7	13
14	29.5	21.6	17.1	19.5	47	993.4	–	0	X	0.6	42.4	25.6	16.8	19.2	23	993.1	190	5	X	1	14
15	29.5	23.7	20.9	24.8	60	994.9	–	0	0	2	40.6	26.5	20.0	23.4	31	995.5	180	8	0	2.5	15
16	31.5	22.5	17.6	20.1	45	996.5	–	0	0	2	41.2	25.0	16.4	18.7	24	996.9	180	12	7	2	16
17	30.6	22.1	17.3	19.8	45	995.9	–	0	0	1.5	42.0	25.0	15.9	18.1	22	996.0	170	10	0	2	17
18	32.8	22.3	16.3	18.5	37	995.1	130	2	7	2	42.6	23.6	11.9	14.0	17	995.5	170	10	0	2.5	18
19	30.4	20.6	14.4	16.4	38	994.3	170	14	0	3	42.0	23.2	11.4	13.5	16	995.1	160	17	0	2	19
20	26.6	19.8	15.5	17.7	51	995.7	–	0	0	3	42.4	22.5	8.9	11.4	14	997.2	170	10	0	3	20
21	28.4	21.0	16.7	19.0	49	999.1	–	0	2	4	43.5	23.4	10.4	12.7	14	999.6	–	0	2	5	21
22	28.4	21.2	17.1	19.5	50	999.2	150	2	1	6	44.2	23.5	10.1	12.4	13	998.8	260	6	0	10	22
23	28.5	22.0	18.4	21.3	55	997.1	–	0	0	12	43.1	24.5	13.9	15.9	18	996.3	200	7	0	12	23
24	27.9	22.1	19.1	22.1	59	994.0	–	0	0	6	45.0	26.4	17.1	19.5	20	995.7	290	2	0	8	24
25	27.0	17.0	8.9	11.4	32	991.9	–	0	0	15	47.2	24.6	10.7	12.9	12	991.6	270	6	0	15	25
26	31.4	25.2	22.4	27.1	59	993.4	140	10	0	8	44.1	28.1	21.2	25.3	29	994.3	180	18	0	8	26
27	28.1	24.0	22.1	26.1	69	997.5	130	2	0	4	43.8	26.6	18.3	21.1	24	998.0	160	15	0	5	27
28	26.6	23.9	22.7	27.5	80	998.7	–	0	1	6	40.7	27.3	21.4	25.6	33	998.8	140	4	0	6	28
29	26.5	23.9	22.7	27.6	80	997.0	130	2	0	12	43.2	24.9	14.8	16.9	19	996.5	290	6	0	12	29
30	26.8	20.3	16.3	18.6	53	995.1	–	0	0	12	43.5	27.2	19.8	23.1	26	995.9	290	5	0	20	3
31	26.6	23.5	22.0	26.5	76	995.8	–	0	0	12	45.3	24.3	11.4	13.6	14	995.5	320	6	0	12	31
Av.	28.0	19.7	13.8	16.8	44	994.7	–	1	1	5	43.0	23.5	10.0	13.6	16	994.7	–	8	1	6	Av.

* Values obtained from Thermo graph

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: July Year: 1964

Station: Agha Jari

Ground Level: 29 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 30°44' N. | Long: 49°40' E.

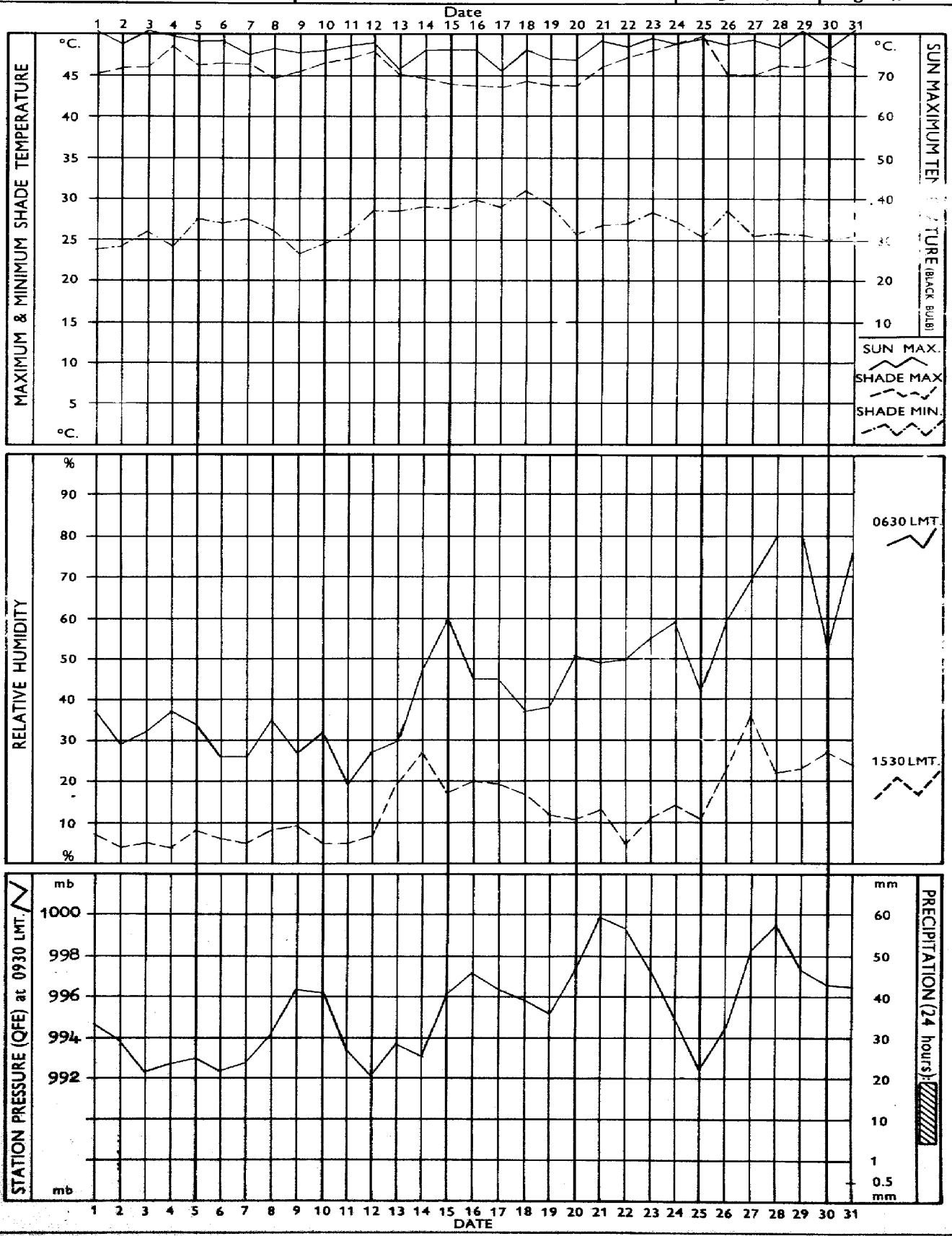
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
43.9	20.0	-4.4	4.3	5	991.8	290	6	0	12		45.2	23.8	19.6	80.5	310	25	0	Haze	1
42.6	19.6	-3.8	4.5	5	990.2	300	24	X	0.5		45.9	24.2	21.4	77.6	310	31	0	Sandst.	2
44.8	20.4	-3.8	4.5	5	989.3	270	6	0	10		46.1	26.0	24.2	80.5	320	14	0	Haze	3
45.7	21.2	-1.1	5.6	6	989.6	300	20	0	6		48.7	24.2	22.1	79.4	300	29	0	"	4
43.5	21.7	4.7	8.6	10	989.3	290	25	X	0.8		46.2	27.6	20.0	78.1	310	32	0	Sandst.	5
43.5	21.3	2.9	7.6	9	989.4	290	18	0	2		46.5	26.9	24.1	78.5	300	27	0	Haze	6
42.8	20.0	-2.2	5.2	6	989.4	280	20	0	6		46.4	27.5	23.5	75.1	300	33	0	"	7
42.0	20.2	0.1	6.2	8	992.4	220	7	0	8		44.6	26.1	22.6	76.5	240	16	0	"	8
43.8	21.1	1.7	6.9	8	994.4	240	8	0	15		45.6	23.4	22.6	75.5	270	16	0	"	9
44.8	21.0	-0.6	5.9	6	992.3	300	10	0	12		46.6	24.5	22.1	76.1	320	36	0	Clear	10
43.4	21.1	2.2	7.2	8	988.7	330	36	X	0.0		47.2	26.0	23.8	77.6	420	41	0	Sandst.	11
45.1	21.8	2.8	7.5	8	989.3	320	25	X	0.2		48.1	28.6	26.6	78.0	320	32	0	"	12
39.9	22.6	11.5	13.6	19	992.1	160	15	X	0.5		45.1	28.5	26.2	72.0	190	20	0	Dust	13
38.5	24.2	16.5	18.8	28	993.3	190	14	X	0.5		44.6	29.0	27.1	76.2	200	24	0	"	14
40.1	22.7	11.7	13.8	19	995.0	180	16	0	2		43.9	28.9	26.7	76.1	180	23	0	Haze	15
40.5	24.3	15.3	17.4	23	995.2	180	10	0	1		43.7	29.9	27.7	76.4	180	18	0	Dust	16
40.4	23.2	12.8	14.7	20	995.1	180	10	0	2		43.6	28.9	27.5	71.6	180	21	0	Haze	17
39.5	24.0	15.3	17.5	24	993.9	170	15	0	3		44.2	31.1	28.5	75.8	200	19	0	"	18
40.5	23.0	12.1	14.1	19	993.5	190	10	0	3		43.7	29.2	27.4	74.1	180	21	0	Mist	19
41.7	22.4	9.2	11.7	15	995.3	180	12	0	4		43.7	25.7	24.5	72.1	210	19	0	Haze	20
41.6	24.5	15.0	17.1	21	997.7	180	10	2	8		46.1	26.8	25.0	78.4	210	17	0	"	21
45.1	21.4	-0.7	6.5	7	994.7	290	12	0	12		47.2	26.9	25.1	77.0	250	15	0	"	22
45.3	23.0	7.3	10.3	11	992.9	310	8	0	12		48.0	28.3	26.1	78.8	170	17	0	Clear	23
45.5	23.5	8.8	11.4	12	990.4	290	6	0	8		48.9	27.2	26.7	77.5	310	21	0	Haze	24
46.7	24.4	10.5	12.7	12	989.2	300	10	0	15		49.6	25.6	24.0	78.9		19	0	Clear	25
40.2	25.6	18.4	21.2	29	994.1	180	15	0	3		46.4	28.5	27.5	77.6	180	25	0	Haze	26
41.6	28.6	23.4	28.8	36	996.4	180	4	0	6		45.0	25.6	25.0	78.5	210	18	0	Mist	27
43.9	25.6	16.1	18.3	20	995.8	230	8	0	20		46.2	26.0	24.6	77.0	270	17	0	"	28
44.2	24.6	13.3	15.3	17	994.3	–	0	0	20		46.1	25.8	24.6	80.4	250	18	0	Clear	29
44.9	26.1	16.6	18.9	20	993.2	240	6	0	30		47.3	25.0	23.2	76.5	270	23	0	"	30
43.0	24.9	14.9	17.0	20	993.1	240	13	0	6		46.0	25.6	24.5	80.6	320	26	0	Haze	31
42.9	22.8	8.0	12.0	15	992.7	–	12	2	7		46.0	26.8	24.7	77.1					Av.

CODE FOR REMARKS (continued)

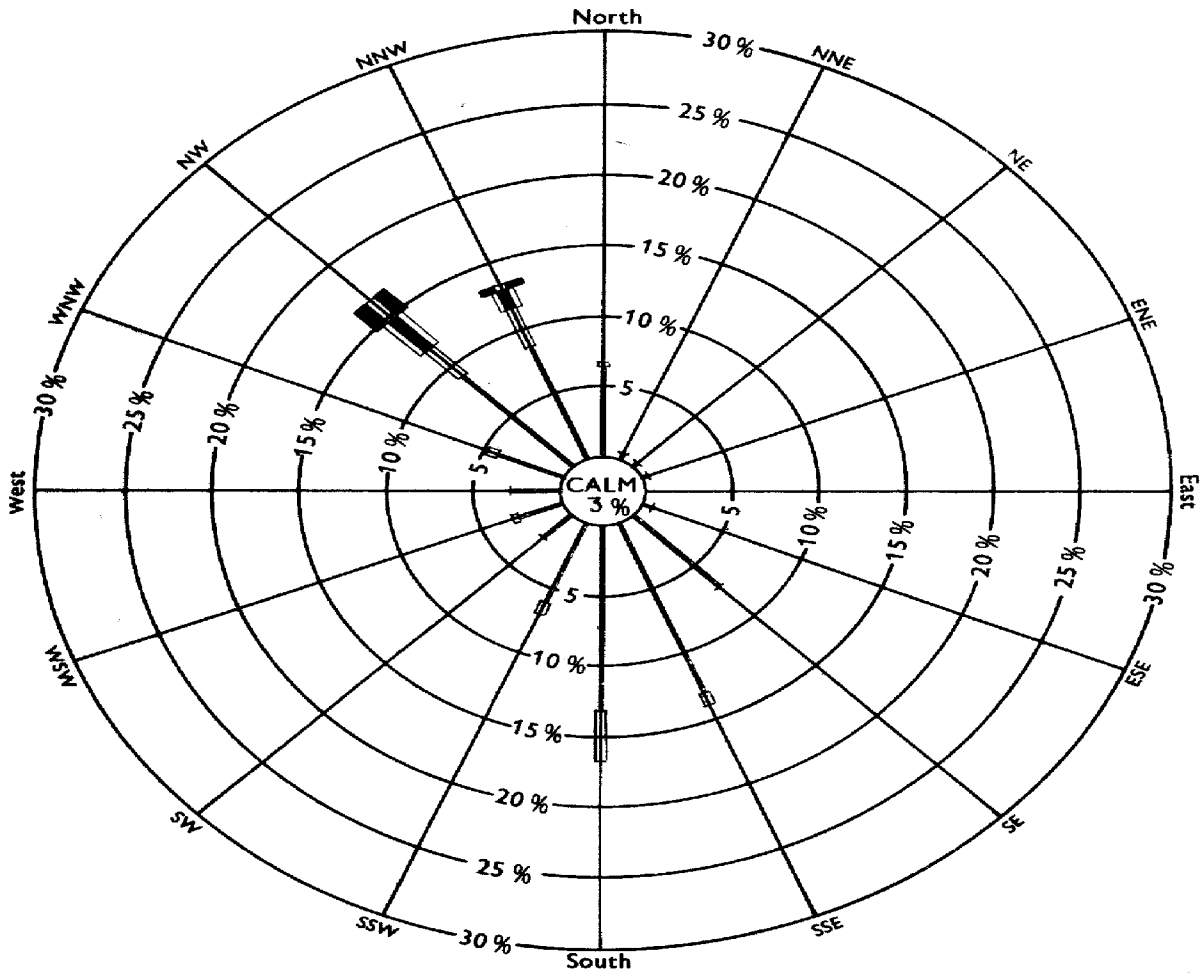
Sandst: Sandstorm. Vis. < 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : July	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.

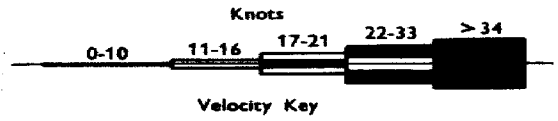


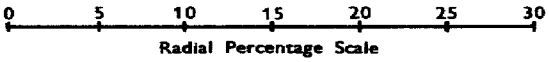
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : July	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Hours in month 744

Hours recorded 723





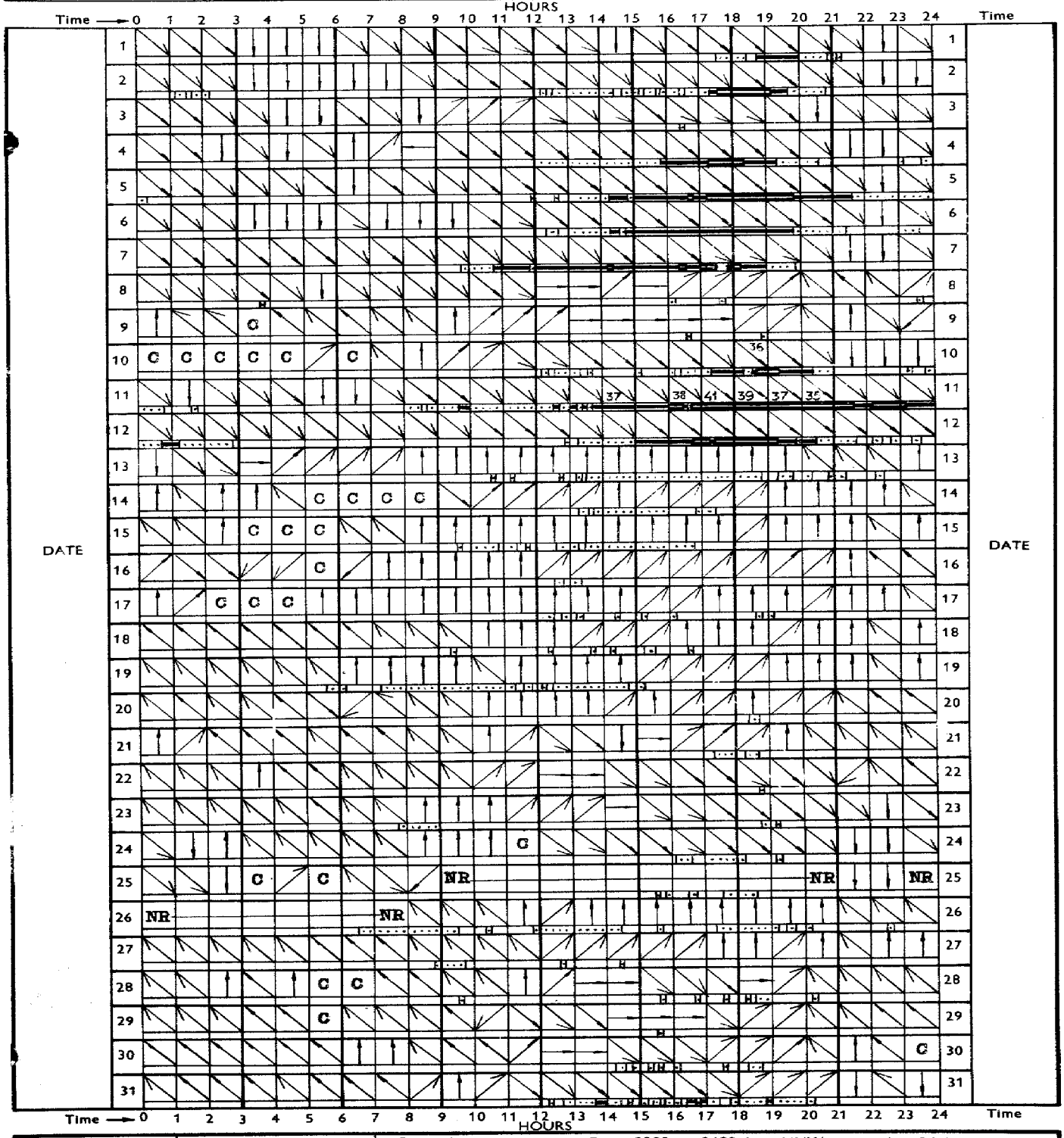
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

15a

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : July	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



VELOCITY KEY		DIRECTION KEY
C	Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW
	1-10 Knots	
	11-16	
	17-21	
	22-33	
	> 34	
NR	No Record.	

3 4 40 Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

16.

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	22.0	12.2	0.6	6.4	24	918.2	–	0	0	10	38.1	17.8	-4.7	4.1	6	918.1	270	10	0	8	1
2	24.4	13.6	1.7	6.9	23	917.3	–	0	0	2	39.0	18.2	-4.2	4.3	6	916.5	240	8	0	4	2
3	23.8	13.5	2.3	7.2	25	915.8	–	0	0	0.5	41.0	20.0	1.0	6.6	8	915.8	270	8	0	2	3
4	24.9	14.0	2.4	7.3	23	917.0	–	0	0	3.5	43.4	21.4	3.6	7.9	9	916.4	240	8	0	5	4
5	25.7	16.5	8.9	11.4	35	917.0	–	0	0	6	43.2	23.9	12.2	14.3	16	916.2	300	12	0	5	5
6	25.9	16.8	9.5	11.9	36	915.9	–	0	0	0.8	44.8	22.2	4.9	8.7	9	915.8	270	15	0	2	6
7	24.9	15.6	7.3	10.3	33	916.3	–	0	0	1.5	41.3	21.1	5.3	8.9	11	916.3	270	14	0	1	7
8	24.5	15.2	6.7	9.8	32	918.2	–	0	0	6	38.4	19.5	2.9	7.5	11	918.5	280	6	0	8	8
9	23.0	13.5	3.4	7.8	28	920.3	–	0	0	10	39.0	19.5	2.1	7.1	10	921.2	270	12	0	12	9
10	24.9	15.9	8.2	10.9	35	920.5	–	0	0	12	39.1	18.1	-5.4	3.9	6	920.3	250	12	0	10	10
11	24.5	14.5	4.7	8.5	28	917.7	–	0	0	6	40.5	20.0	1.8	7.0	9	916.1	270	16	0	5	11
12	27.0	11.4	7.1	10.1	28	916.3	–	0	X	0.7	44.7	22.5	6.2	9.5	10	915.4	140	5	0	6	12
13	28.2	18.4	11.2	13.3	35	918.1	–	0	X	0.3	41.4	23.4	12.4	14.4	18	918.1	210	8	X	0.7	13
14	28.0	19.0	12.8	14.8	39	918.5	–	0	0	0.8	44.8	21.1	-0.1	6.0	6	917.9	–	0	0	10	14
15	26.7	18.9	13.6	15.6	44	919.7	–	0	0	3	39.0	23.6	14.8	16.8	24	920.2	260	10	0	3	15
16	30.0	21.1	15.8	17.9	42	920.9	–	0	7	2.5	38.3	23.7	15.6	17.7	26	921.8	260	8	0	1.7	16
17	30.0	20.7	14.9	17.0	40	920.6	180	5	3	1.5	39.0	23.6	14.8	16.8	24	921.1	230	8	0	1.2	17
18	29.4	20.1	14.1	16.1	39	920.5	–	0	4	2	38.6	23.1	13.9	15.9	23	920.4	210	6	4	2.5	18
19	27.7	18.8	12.6	14.6	39	919.5	170	2	0	2.5	38.1	23.8	15.9	18.1	27	919.7	–	0	0	2	19
20	28.5	19.5	13.5	15.5	40	920.3	–	0	7	2.5	38.9	23.9	15.6	17.7	25	921.7	240	10	0	2	20
21	28.7	20.4	15.3	17.4	44	923.6	–	0	0	5	38.7	23.5	14.8	16.8	24	924.2	–	0	0	4	21
22	25.9	18.4	13.2	15.2	45	923.7	–	0	0	7	40.5	21.6	7.9	10.7	14	923.1	260	15	0	12	22
23	24.9	17.4	11.9	13.9	44	921.6	–	0	0	14	42.0	20.6	2.1	7.1	9	920.8	310	7	0	20	23
24	26.8	17.2	9.6	12.0	34	919.3	–	0	0	15	42.8	21.4	4.3	8.4	10	918.7	–	0	1	20	24
25	26.8	17.0	9.4	11.5	33	917.7	–	0	0	20	43.5	21.5	3.9	8.1	9	917.0	160	15	0	20	25
26	25.8	15.8	6.9	10.0	30	919.2	–	0	0	15	42.0	22.8	10.1	12.3	15	919.8	270	14	1	20	26
27	26.4	17.8	11.4	13.5	39	922.3	–	0	5	14	39.7	21.1	7.2	10.2	14	922.9	240	8	2	12	27
28	28.5	21.8	18.1	20.7	53	922.8	–	0	7	8	38.4	22.4	12.3	14.3	21	923.0	240	14	0	12	28
29	23.4	16.0	10.0	12.3	43	921.4	–	0	3	12	39.2	19.6	2.2	7.2	10	921.3	270	12	0	20	29
30	25.0	15.0	5.5	9.1	29	920.3	090	4	0	20	39.4	20.4	5.1	8.8	12	920.3	260	18	0	30	30
31	25.9	16.7	9.2	11.7	35	920.9	170	4	0	20	40.4	20.9	5.6	9.1	12	920.0	270	15	0	20	31
Av.	26.2	16.9	9.4	12.3	37	919.4	–	1	2	7	39.3	21.5	6.1	10.5	14	919.3	–	10	1	9	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Gach Saran

Ground Level : 709 AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°29' N. | Long : 50°50' E.

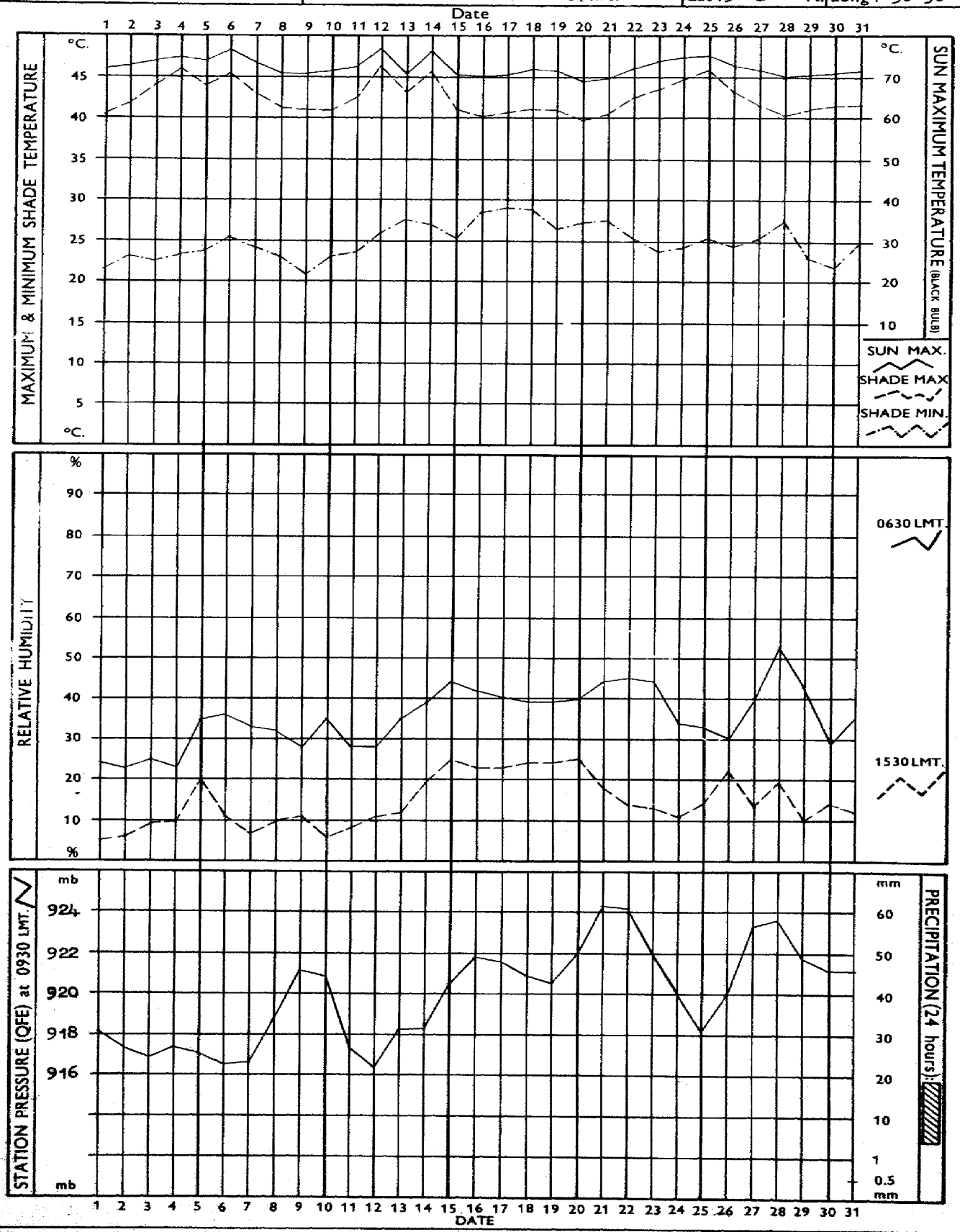
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
37.4	17.5	-4.9	4.1	6	917.2	260	10	0	3		40.6	21.6	21.0	71.8			0	Haze	1
38.7	18.2	-3.7	4.5	7	915.5	280	10	0	6		41.7	23.0	21.0	72.8			0	"	2
40.0	20.0	2.6	7.4	10	914.7	270	15	0	4		44.0	22.6	22.7	74.0			0	Dust	3
41.5	21.9	5.0	10.6	13	914.7	300	18	0	5		46.0	23.4	23.3	75.0			0	Haze	4
39.7	21.8	9.4	11.8	16	914.4	270	18	0	3		44.0	24.2	23.8	74.0			0	"	5
40.7	21.0	5.7	9.1	12	914.6	270	15	0	4		45.6	25.2	25.5	77.0			0	Dust	6
39.9	19.7	1.6	6.8	9	914.7	280	10	0	10		43.0	24.0	24.2	73.5			0	Haze	7
37.4	19.7	5.1	8.8	14	917.6	270	15	0	12		41.2	22.8	23.0	71.0			0	"	8
37.1	20.2	7.2	10.1	16	919.7	270	15	0	10		41.0	20.9	20.9	71.0			0	"	9
38.4	18.3	-2.6	5.0	7	917.6	270	14	0	12		41.0	23.4	23.1	71.4			0	"	10
39.7	19.9	2.6	7.4	10	914.1	270	17	0	7		42.5	23.8	23.6	72.7			0	"	11
41.0	20.5	3.3	7.8	10	915.6	270	15	1	4		46.5	26.0	26.0	77.0			0	Dust	12
38.[illegible]	22.7	13.3	15.3	23	918.0	230	8	X	0.5		43.2	27.8	27.6	71.0			0	"	13
37.[illegible]	22.5	13.6	15.5	24	918.1	250	10	0	1.7		45.7	27.0	27.0	76.5			0	"	14
36.[illegible]	22.2	13.4	15.4	25	920.0	270	14	0	1.5		41.0	26.0	25.4	71.0			0	Haze	15
3[illegible].5	23.0	14.5	16.5	26	920.4	250	8	0	1.2		40.0	28.6	28.6	70.0			0	"	16
3[illegible].1	22.0	12.3	14.3	23	920.6	270	8	7	1.6		40.6	29.0	29.0	70.5			0	"	17
[illegible].7	22.7	14.4	16.4	27	919.3	270	12	0	3		41.0	28.7	28.9	72.0			0	"	18
[illegible].5	23.4	16.1	18.3	30	918.7	270	12	1	2		40.9	26.6	26.5	71.5			0	"	19
6.8	24.6	19.0	22.0	38	921.1	250	10	0	5		39.7	27.2	28.1	69.0			0	"	20
6.6	21.5	11.4	13.6	22	922.7	260	12	5	7		40.5	27.5	27.5	70.0			0	"	21
38.3	22.8	13.4	15.4	23	920.2	270	15	0	12		42.5	25.3	25.3	72.4			0	"	22
39.4	21.3	8.2	10.9	15	918.5	270	15	0	15		43.6	23.7	23.1	74.2			0	"	23
40.4	21.2	6.7	9.8	13	916.3	270	18	0	12		44.8	24.2	24.1	75.0			0	Clear	24
41.4	21.6	6.9	9.9	12	916.1	280	12	0	15		45.9	25.6	24.5	75.6			0	"	25
37.8	20.8	8.3	11.0	17	919.7	250	7	1	7		43.3	24.5	23.6	73.0			0	Haze	26
35.4	22.7	15.4	17.5	30	921.7	250	12	4	5		41.5	25.5	25.5	72.0			0	"	27
36.7	22.1	13.0	14.9	24	920.9	270	15	1	12		40.3	27.6	27.6	70.0			0	"	28
37.7	20.5	7.5	10.4	16	919.8	270	15	0	20		41.1	23.0	22.6	70.5			0	Fair	29
36.8	22.2	13.2	15.2	25	919.3	270	15	0	15		41.5	22.0	21.9	71.0			0	Clear	30
36.8	22.0	12.6	14.6	24	918.9	250	15	0	5		41.6	24.8	24.3	72.0			0	Haze	31
38.2	21.3	8.5	11.9	25	918.1	–	13	1	7		42.4	25.0	24.8	72.5					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : July	Year : 1964
		Station: Gach Saran	
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°20' N.	Long : 50°50' E.



IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	24.1	16.9	11.4	13.5	45	993.9	–	0	0	20	42.7	21.5	4.9	8.7	10	993.6	300	6	0	25	1
2	24.3	16.8	10.6	12.8	40	993.4	290	12	1	20	43.3	22.6	8.2	10.9	12	992.4	300	20	0	6	2
3	23.5*		14.0*	15.9*	55*	991.4*					41.2*		10.4*	12.6*	16*	991.5*					3
4	26.3	18.8	13.7	15.7	46	991.1	300	7	0	8	45.0	22.5	5.8	9.3	10	991.7	300	12	0	25	4
5	28.3	18.1	10.4	12.6	33	991.8	300	10	0	15	41.5	23.7	13.1	15.1	19	992.0	290	12	0	6	5
6	27.4	19.0	13.3	15.2	42	990.5	270	10	0	5	40.5	21.7	8.2	10.9	14	991.5	290	15	0	15	6
7	27.1	17.7	10.6	12.7	35	991.8	–	0	0	15	42.8	23.2	10.6	12.8	15	992.0	300	16	0	10	7
8	28.0	21.2	17.2	19.7	52	992.6	–	0	0	10	40.8	20.2	2.2	7.2	9	993.9	260	15	0	20	8
9	27.6*		8.5*	11.1*	30*	994.2*					43.8*		12.4*	14.4*	16*	995.3*					9
10	31.1*		14.2*	16.2*	36*	995.5*					42.8*		18.5*	21.3*	25*	995.6*					10
11	27.8	16.5	6.6	9.7	26	993.5	290	15	0	10	44.0	22.0	5.1	8.8	10	992.0	300	22	0	2	11
12	27.3	15.4	3.8	8.0	22	991.2	280	8	1	10	42.5	21.0	3.2	7.7	9	991.2	290	16	0	8	12
13	26.8	17.3	9.8	12.1	35	992.5	300	4	0	8	43.0	23.5	11.3	13.4	15	992.3	200	4	0	3	13
14	29.5	21.8	17.5	20.0	49	993.2	090	5	0	2	43.2	25.4	16.1	18.2	21	992.7	230	2	0	1.5	14
15	29.3	24.3	22.0	26.4	65	994.3	120	8	0	1.2	43.0	25.8	17.1	19.5	23	994.9	130	14	0	2	15
16	30.6	25.8	23.7	29.5	67	995.7	120	4	5	3	42.0	27.7	21.5	25.8	31	996.5	120	8	3	3	16
17	31.8*		22.2*	26.8*	57*	995.1*					43.6*		15.7*	17.9*	20*	995.2*					17
18	31.3	25.7	23.3	28.5	63	994.7	120	5	0	4	43.7	28.6	22.4	27.1	30	995.7	200	6	0	4	18
19	30.3	19.4	11.8	13.8	33	992.8	120	8	0	12	42.5	26.5	18.9	21.8	25	994.1	160	16	0	4	19
20	28.7	27.3	26.8	35.2	90	994.5	130	8	0	8	43.2	26.4	18.3	21.0	24	996.7	160	4	0	20	20
21	28.0	24.8	23.4	28.8	75	998.4	180	10	1	6	43.5	23.2	9.9	12.2	14	999.4	–	0	1	20	21
22	28.0	19.0	12.8	14.7	39	998.0	090	4	1	25	44.2	23.5	10.1	12.4	13	998.1	260	6	0	40	22
23	29.2	19.6	13.2	15.1	37	996.0	–	0	0	25	42.5	24.8	15.1	17.2	20	995.8	260	10	0	20	23
24	28.8*		17.3*	19.8*	50*	993.4*					47.1*		16.0*	18.1*	17*	994.2*					24
25	27.4	20.0	15.3	17.4	48	991.2	290	6	0	25	45.8	25.0	13.1	15.0	15	991.7	290	10	0	30	25
26	27.3	20.2	15.8	18.0	50	992.2	140	12	0	6	45.5	28.5	21.3	25.3	26	993.3	160	10	0	8	26
27	29.3	29.1	29.0	40.1	98	996.3	140	12	0	8	43.8	28.3	21.8	26.1	29	997.6	250	10	0	20	27
28	27.8	25.8	25.0	31.7	85	997.4	220	10	0	10	43.6	25.4	15.7	17.8	20	998.1	–	0	0	35	28
29	28.7	19.0	12.2	14.2	36	996.0	–	0	0	25	44.0	26.8	18.7	21.5	24	996.0	270	6	0	30	29
30	27.7	21.0	17.2	19.5	53	994.5	200	8	0	20	44.0	26.0	16.8	19.2	21	995.2	–	0	0	35	30
31	28.8	21.8	17.9	20.5	52	995.5	200	6	0	20	43.8	27.2	19.6	22.8	25	995.6	280	10	0	20	31
Av.	28.1	20.9	15.8	19.2	50	994.0	–	7	0	12	43.3	24.7	13.6	16.5	19	994.4	–	10	0	16	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair :- Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964
Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

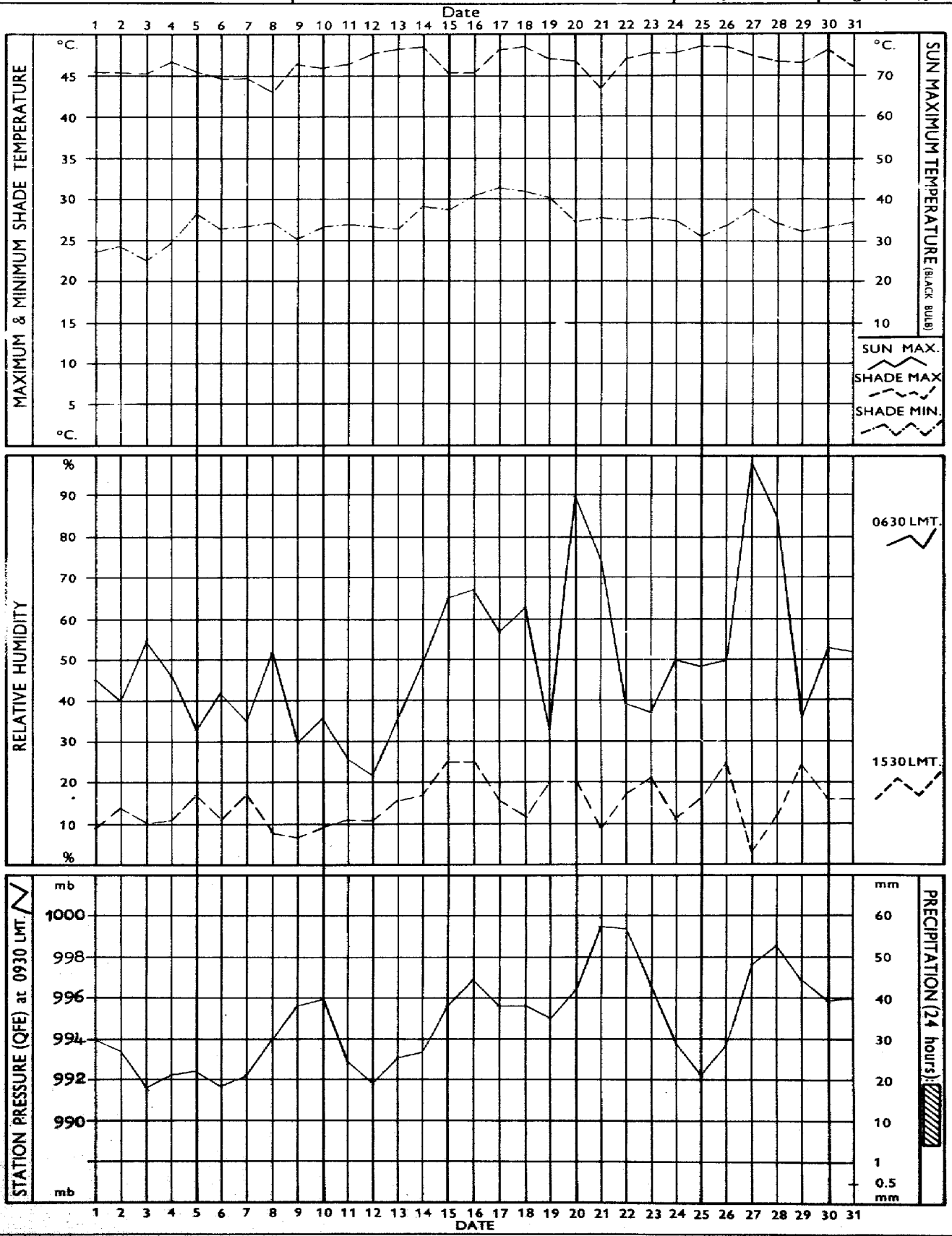
Observations at 1830											Extreme Temperature				Max. Wind				
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity	24 hour Rainfall (1830 – 1830)	Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
40.8	22.3	9.8	12.1	16	992.0	290	26	0	2		45.5	23.6	20.9				0	Haze	1
41.1	22.2	9.2	11.6	15	990.1	300	20	0	1.5		45.4	24.3	22.4				0	"	2
44.2	22.0	4.4	8.7	9	989.4	290	12	0	20		45.2	22.7	21.5				0	Clear	3
43.2	24.1	12.8	14.8	17	989.8	300	16	0	20		46.7	24.8	23.3				0	Haze	4
41.7	23.8	13.2	15.2	19	989.6	280	24	0	1.5		45.5	28.2	27.4				0	Sandst.	5
41.4	23.0	11.3	12.4	17	989.4	290	18	0	3		44.7	26.4	24.5				0	Haze	6
42.0	24.4	14.4	16.4	20	989.8	280	18	0	12		44.8	26.7	23.9				0	"	7
42.0	20.5	1.7	6.9	8	992.2	250	10	0	30		43.8	27.2	25.2				0	"	8
43.2	21.0	2.2	7.1	8	993.9	270	12	0	12		46.4	25.0	23.7				0	Clear	9
42.5	24.5	14.3	16.4	20	992.9	280	25	0	2		46.0	26.7	24.5				0	Haze	10
41.5	21.6	6.8	9.9	12	989.2	300	32	X	0.3		46.5	27.0	26.2				0	Sandst.	11
42.7	24.8	14.9	17.0	20	988.8	290	24	X	0.6		47.7	26.8	27.4				0	"	12
46.3	23.8	8.4	11.1	11	990.5	190	14	0	6		48.2	26.5	26.8				0	Haze	13
43.2	25.7	16.7	19.0	22	991.4	160	18	0	2		48.5	29.0	28.6				0	"	14
42.8	26.8	19.8	22.5	26	993.8	160	10	0	5		45.3	28.7	27.0				0	Mist	15
[illegible].0	29.4	23.7	29.3	32	994.7	–	0	5	4		45.4	30.4	29.1				0	"	16
[illegible].8	29.6	25.0	31.7	39	993.7	160	24	0	1		48.3	31.5	30.0				0	Sandst.	17
[illegible].8	25.2	13.5	15.5	15	992.1	290	22	0	1.5		48.6	31.0	31.0				0	Haze	18
45.1	24.5	12.2	14.2	15	992.2	300	14	0	15		47.2	30.0	31.0				0	Mist	19
[illegible].8	21.0	2.7	7.4	9	995.1	290	15	0	20		46.8	27.3	25.0				0	"	20
43.6	21.7	4.5	8.4	9	997.4	270	12	2	35		43.6	27.8	27.0				0	"	21
45.0	24.5	12.3	14.3	15	994.9	280	14	0	30		47.0	27.4	25.2				0	Clear	22
44.5	26.5	17.7	20.3	22	992.7	290	17	0	15		47.7	27.7	25.4				0	"	23
45.0	22.0	3.8	8.0	8	990.6	300	14	0	35		47.8	27.4	25.0				0	"	24
45.5	26.8	17.1	20.3	21	989.6	290	12	0	25		48.5	25.6	26.2				0	"	25
45.2	28.8	22.0	26.5	27	992.2	290	14	0	20		48.4	26.9	26.5				0	Mist	26
44.4	20.8	-0.9	5.7	6	996.0	280	11	0	30		47.4	28.8	28.2				0	"	27
42.9	22.7	10.1	12.4	14	996.1	300	10	0	30		46.8	27.2	26.3				0	"	28
44.5	24.8	13.6	15.5	17	993.9	340	4	0	40		46.5	26.2	23.0				0	Clear	29
44.7	24.2	11.8	13.8	15	992.6	300	15	0	20		48.1	26.7	26.1				0	"	30
43.0	25.1	15.4	17.5	20	993.6	300	12	0	30		46.1	27.2	25.1				0	"	31
40.7	22.7	10.4	13.4	18	995.4	–	11	2	12		44.6	27.1	25.7						Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : July	Year : 1964
		Station : Ahwaz	
Ground Level : 21 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°20' N.	Long : 48°45' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°13' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	31.1	18.6	8.0	11.5	25	997.2	320	14	1	30	40.2	21.7	8.6	11.2	15	997.3	300	20	X	0.7	1
2	26.3	19.1	14.3	16.4	48	997.0	290	5	4	20	38.4	20.4	6.4	9.6	14	996.3	310	20	X	1	2
3	27.0	18.6	12.7	14.8	42	994.5	280	10	0	20	38.8	21.3	8.8	11.4	16	994.3	280	18	0	1.3	3
4	26.4	16.8	8.9	11.4	33	994.4	280	6	0	15	40.2	23.0	12.2	14.3	19	994.8	300	9	0	12	4
5	30.4	17.8	7.3	10.3	24	995.2	300	16	0	5	36.0	22.4	13.8	15.8	26	996.1	300	15	X	1	5
6	27.2	15.2	3.0	7.6	21	994.0	290	6	0	10	36.6	21.4	11.3	13.4	22	995.2	290	20	X	0.8	6
7	27.8	15.6	3.8	8.0	21	994.8	290	10	2	10	39.2	21.0	7.4	10.3	15	995.2	290	14	0	12	7
8	24.6	17.5	12.3	14.3	46	995.6	–	0	0	8	41.4	21.4	6.2	9.5	12	996.1	240	8	0	15	8
9	27.1*		17.2*	19.7*	55*	996.4*	–	0	0	15	44.5*		9.9*	12.2*	13*	997.8*	120	3	0	20	9
10	28.6*		15.5*	17.6*	45*	998.3*	–	0	0	20	41.2*		12.9*	14.9*	19*	999.1*	300	12	1	15	10
11	28.4	19.2	12.9	14.9	38	996.9	300	8	0	15	39.8	20.4	4.4	8.4	12	996.2	320	25	X	0.6	11
12	27.8	18.6	12.1	14.1	38	994.9	290	6	0	10	38.2	21.9	11.1	13.3	20	995.0	300	18	X	0.8	12
13	27.6	17.1	8.6	11.2	30	995.4	300	10	0	6	38.2	23.1	14.1	15.9	24	995.1	290	6	0	10	13
14	28.4	23.8	21.6	25.8	66	994.7	–	0	0	5	42.5	25.7	17.2	19.7	23	994.8	170	4	0	3.5	14
15	28.6	25.6	24.3	30.4	78	995.9	180	6	1	1.2	39.7	25.0	17.6	19.9	27	996.9	180	8	0	2	15
16	29.1	26.1	24.9	31.5	78	997.5	150	4	7	2.5	40.5	25.5	18.4	20.7	27	998.4	180	6	7	3.5	16
17	29.4	23.0	19.7	23.0	56	997.0	–	0	2	2	40.1*		12.8*	14.8*	20*	997.3*	–	0	0	5	17
18	30.1	19.6	12.4	14.5	34	996.9	300	12	0	8	47.2	22.8	4.1	8.2	8	996.9	330	14	0	4	18
19	26.4	19.0	14.0	16.0	47	995.8	–	0	0	20	42.3	22.8	9.3	11.8	14	996.5	350	3	0	8	19
20	27.8	25.8	25.0	31.7	85	997.0	180	4	0	10	46.2	22.6	4.7	8.6	8	998.2	310	6	0	30	20
21	26.5	19.5	15.0	17.1	49	1000.8	–	0	1	10	44.2	23.6	10.4	12.7	14	1001.8	290	2	2	20	21
22	28.3	19.9	14.4	16.4	43	1000.9	300	4	0	15	43.2	21.5	4.3	8.3	10	1001.2	290	12	0	30	22
23	32.4	19.0	8.7	11.3	23	998.7	280	12	0	20	43.0	21.6	5.0	8.8	10	998.8	300	18	0	8	23
24	29.8*	20.4*	14.4*	16.4*	39*	996.4	300	6	0	20	43.0*		6.5*	9.7*	11*	996.6*	310	12	0	20	24
25	28.9	21.0	16.3	18.6	47	994.1	300	8	1	20	44.0	24.0	11.7	13.8	15	994.6	300	14	0	20	25
26	32.0	18.4	7.4	10.3	22	995.3	310	8	0	12	43.2	23.0	9.4	11.8	14	996.7	290	17	0	7	26
27	25.8	18.6	13.7	15.7	47	998.7	–	0	0	7	44.8	22.4	5.7	9.2	10	1000.3	–	0	0	16	27
28	25.2	19.0	14.9	17.0	53	1000.1	–	0	0	15	44.4	21.6	3.1	7.6	8	1000.2	290	8	0	15	28
29	28.7	19.5	13.3	15.3	39	997.6	–	0	0	20	43.6	23.4	10.4	12.6	14	998.4	270	6	0	20	29
30	27.6	20.8	16.8	19.1	52	996.7	–	0	1	15	46.4	23.4	7.5	10.4	10	997.3	290	6	0	30	30
31	26.3*		15.6*	17.7*	52*	998.1*					44.4*		15.4*	17.6*	19*	998.3*	300	3	0	18	31
Av.	28.1	19.8	13.9	16.8	44	996.7	–	5	1	13	41.8	22.2	9.7	12.5	16	997.2	–	11	2	11	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964
Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°13' E.

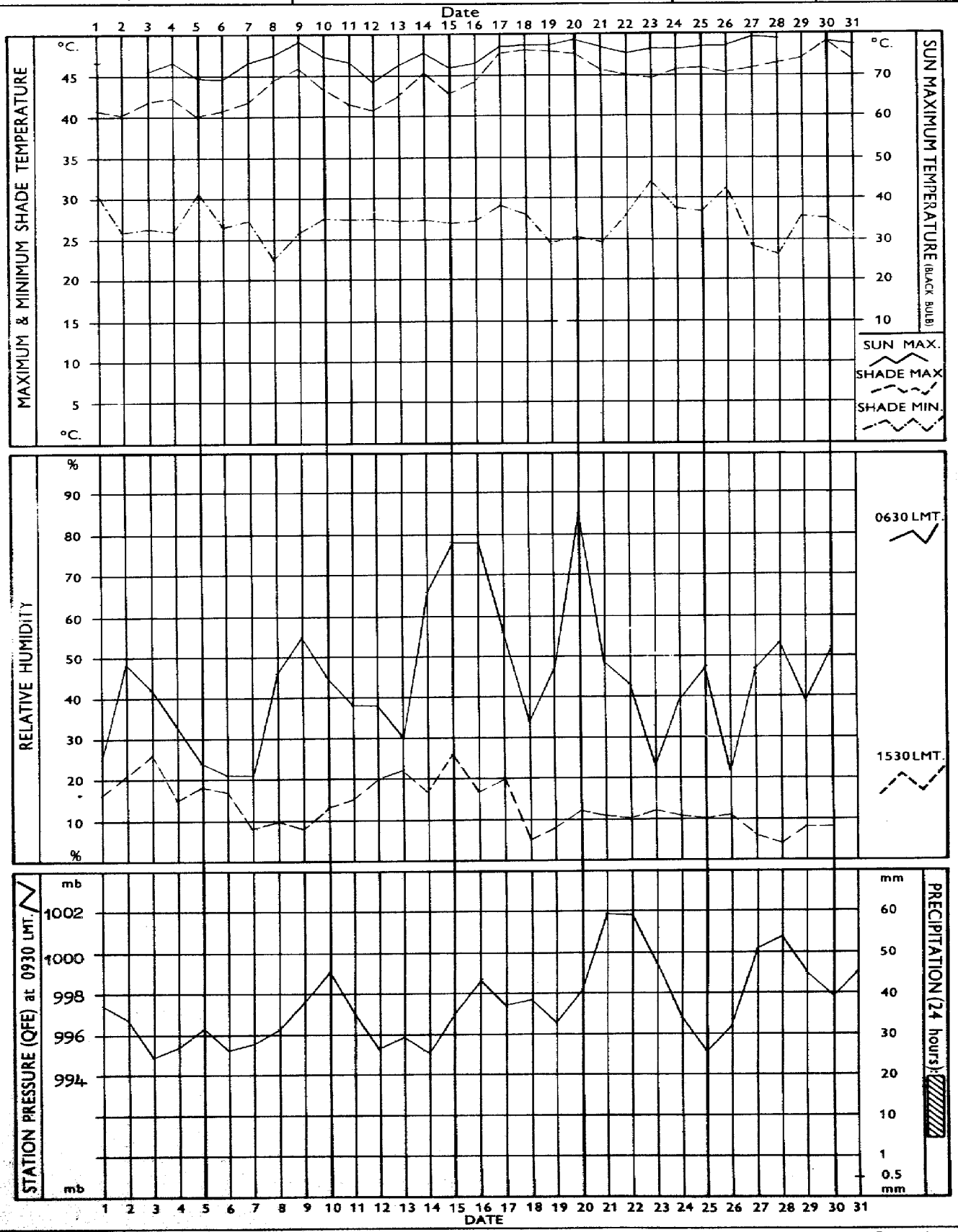
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
38.6	21.2	8.7	11.3	16	996.0	310	18	X	2		40.8	30.4	29.4	73.4			0	Sandst.	1
37.6	22.8	13.8	15.9	25	994.4	290	15	0	4		40.1	26.0	25.5				0	"	2
38.6	21.8	10.3	12.6	18	992.7	290	12	0	6		41.7	26.3	25.2	71.3			0	"	3
39.6	22.2	10.6	12.9	18	993.4	290	12	X	0.6		42.2	26.0	24.8	73.7			0	"	4
37.4	22.2	12.7	14.7	23	993.7	290	18	X	0.6		40.0	30.2	29.5	69.8			0	"	5
38.0	22.4	12.7	14.7	22	993.4	300	15	X	0.8		40.8	26.7	26.6	69.3			0	"	6
38.4	20.4	6.4	9.6	14	993.5	300	12	0	12		41.8	27.2	26.0	73.3			0	Haze	7
42.4	23.6	12.2	14.2	17	993.9	–	0	0	20		44.4	22.5	21.3	75.3			0	"	8
42.0	22.8	10.2	12.4	15	996.7	–	0	0	25		46.1	25.7	24.0	78.4			0	Clear	9
41.4	20.5	2.8	7.5	9	996.6	280	18	0	12		43.4	27.5	24.7	74.8			0	"	10
38.8	20.8	7.2	10.2	15	993.7	310	18	X	0.2		41.4	27.4		73.5			0	Sandst.	11
38.7	21.7	10.1	12.4	18	993.5	300	20	X	0.8		40.7	27.5	27.1	68.4			0	"	12
40.[illegible]	25.5	18.0	20.5	27	993.1	270	6	0	10		42.4	27.2	25.9	72.5			0	Haze	13
39.[illegible]	25.0	17.7	20.3	29	993.7	150	8	0	4		45.4	27.4	26.4	75.5			0	Mist	14
38.0	27.5	23.1	28.3	43	995.8	160	6	2	2		42.7	27.0	26.2	72.2			0	"	15
3[illegible].2	24.8	18.0	20.6	31	996.8	200	6	0	2.5		44.2	27.2	26.7	73.0			0	"	16
3[illegible].0	27.0	22.3	26.8	41	996.3	180	10	0	4		47.8	29.0		77.4			0	"	17
4[illegible].6	23.6	11.9	13.9	16	995.9	280	14	0	5		48.2	28.2	26.4	77.6			0	Haze	18
[illegible].6	23.2	8.8	11.3	12	994.9	300	8	0	15		48.0	24.8	23.3	77.5			0	"	19
[illegible]2.0	22.4	8.9	11.4	14	997.7	290	14	0	30		47.8	25.1	23.8	78.7			0	Mist	20
[illegible]2.2	22.0	7.4	10.3	12	1000.2	280	11	1	30		45.7	24.8		77.2			0	Haze	21
41.8	24.0	13.6	15.6	19	997.9	290	14	0	10		45.0	28.0	27.1	75.7			0	"	22
42.0	22.4	8.9	11.4	14	996.1	300	12	0	5		44.8	32.0		76.5			0	"	23
42.2	25.0	13.2	15.2	18	993.9	290	10	0	8		45.8	28.7	27.7	76.5			0	"	24
42.6	22.8	9.6	11.9	14	992.8	300	10	0	15		46.0	28.4	27.7	77.0			0	Clear	25
42.4	22.8	9.7	12.1	15	996.0	300	10	0	8		45.3	31.3	31.2	77.2			0	Haze	26
43.0	21.8	5.7	9.2	11	998.8	300	6	0	30		45.9	24.2	21.2	79.0			0	"	27
43.6	21.0	1.7	6.9	8	997.9	310	12	0	30		46.5	23.3	21.2	78.8			0	"	28
43.6	21.4	3.3	7.7	9	996.4	310	9	0	30		47.2	27.7	25.2				0	Clear	29
43.6	20.7	-0.1	6.9	9	995.6	280	8	0	30		49.2	27.6	25.0	78.0			0	"	30
41.0	20.3	2.3	7.2	9	996.6	300	12	0	20		47.0	25.7	24.1	77.7			0	Haze	31
40.7	22.7	10.4	13.4	18	995.4	–	11	2	12		44.6	27.1	25.7	75.1					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm : Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : July	Year : 1964
		Station : Abadan	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°22' N.	Long : 48°13' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Bandar Mashur

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°30' N. | Long : 49°12' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	25.7	19.7	15.9	18.1	55	996.1	310	8	3	15	40.0	22.8	12.0	14.0	19	995.6	310	19	X	2	1
2	25.8	17.5	11.3	13.4	41	995.5	340	4	0	15	40.5	20.5	3.8	8.1	11	994.4	320	18	X	0.7	2
3	25.4	17.4	11.4	13.5	42	993.9	330	8	0	15	39.0*		12.7*	14.7*	21*	993.3*	290*	6*			3
4	26.3	19.7	15.6	17.7	52	993.7	310	4	0	15	43.7*		6.8*	9.9*	11*	994.7*	300*	15*			4
5	28.4	18.8	12.0	14.0	36	994.4	360	5	0	8	40.4	23.4	13.2	15.2	20	993.9	310	18	X	1	5
6	26.7	18.9	13.6	15.6	44	993.6	–	0	0	10	41.0	24.5	15.4	17.5	23	993.6	300	13	0	8	6
7	29.0	19.4	12.8	14.9	37	994.6	–	0	0	10	40.8	24.0	14.4	16.4	21	994.2	300	15	0	15	7
8	27.7	20.7	16.5	18.8	51	995.1	–	0	0	10	37.0	21.7	11.7	13.7	22	996.3	230	8	0	15	8
9	27.0	20.8	17.2	19.6	55	996.7	140	6	0	15	37.2	29.6	26.9	35.4	56	998.3	160	8	0	15	9
10	28.6	21.4	17.2	19.7	50	998.0	330	3	0	25	41.6	24.6	15.3	17.4	22	997.4	310	14	0	8	10
11	27.0*		13.1*	15.0*	42*	995.5*	300*	7*			39.5	21.7	9.3	11.7	16	994.6	310	25	X	0.9	11
12	26.8	17.7	10.9	13.0	37	993.6	310	10	0	3	40.0	22.0	9.7	12.0	16	993.4	310	14	X	0.9	12
13	27.2	22.0	19.2	22.3	62	995.0	–	0	0	3	36.2	24.4	18.4	21.1	35	995.1	160	3	0	5	13
14	28.7	25.3	23.8	29.5	75	995.0	–	0	0	5	38.2	27.2	22.5	27.3	41	995.4	180	8	0	1.5	14
15	29.0	26.5	25.4	32.6	82	996.2	180	6	0	2	37.8	26.6	21.7	25.4	40	997.5	170	8	0	3	15
16	28.8*		25.8*	33.2*	84*	998.0*	100*	5*			39.2*		21.8*	26.1*	37*	998.7*	170*	8*			16
17	30.4*		27.2*	36.0*	83*	997.0*	130*	3*			38.2*		22.6*	27.5*	41*	997.8*	160*	13*			17
18	30.9*		28.3*	38.4*	86*	997.0*	120*	8*			37.8	28.4	24.7	31.2	48	997.6	170	10	0	5	18
19	28.0	22.8	20.1	23.5	62	995.6	–	0	0	8	38.0	28.5	24.8	31.3	48	996.7	180	11	0	10	19
20	29.5	28.0	27.4	36.6	89	997.2	–	0	0	8	40.2	27.7	22.5	27.2	37	999.0	180	6	0	15	20
21	29.0	27.0	26.2	34.0	85	1000.4	130	3	4	5	39.2	29.7	26.3	34.2	49	1001.6	180	6	2	10	21
22	28.8	23.2	20.4	24.0	61	1000.2	–	0	0	15	38.2	26.0	20.3	23.8	36	1000.9	200	4	0	20	22
23	29.6	20.6	15.1	17.1	41	998.3	310	3	0	18	39.0	25.0	17.9	20.5	29	998.2	170	4	0	20	23
24	28.0	22.0	18.8	21.7	58	995.4	–	0	0	8	40.5	25.0	17.0	19.3	26	995.9	180	8	0	15	24
25	27.7	20.6	16.4	18.6	50	993.5	–	0	0	12	43.6	24.5	13.5	15.5	17	993.5	270	10	0	20	25
26	30.0	23.6	20.4	24.0	57	994.8	–	0	0	4	39.2	26.2	20.2	23.7	34	996.3	180	8	0	8	26
27	30.0	28.7	28.3	38.4	91	998.8	140	2	0	6	37.0	30.5	28.3	38.5	62	1000.3	200	10	0	8	27
28	31.0	29.5	29.0	40.0	89	999.7	200	4	0	8	39.0	30.7	27.9	37.6	54	1000.6	180	6	0	15	28
29	30.8	29.7	29.3	40.8	92	998.1	–	0	0	8	39.0	27.2	22.2	26.8	39	998.5	180	6	0	15	29
30	31.2	29.3	28.7	39.3	86	996.8	160	4	0	8	40.5	27.5	21.9	26.3	35	997.9	200	2	0	12	30
31	32.0	30.0	29.4	40.8	86	998.3	160	3	0	10	41.0	26.5	19.8	23.0	30	997.5	–	0	0	15	31
Av.	28.6	23.0	20.2	25.3	63	996.3	–	3	0	10	38.8	25.8	18.2	22.4	32	996.7	–	10	2	10	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Bandar Mashur

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30° 30' N. | Long : 49° 12' E.

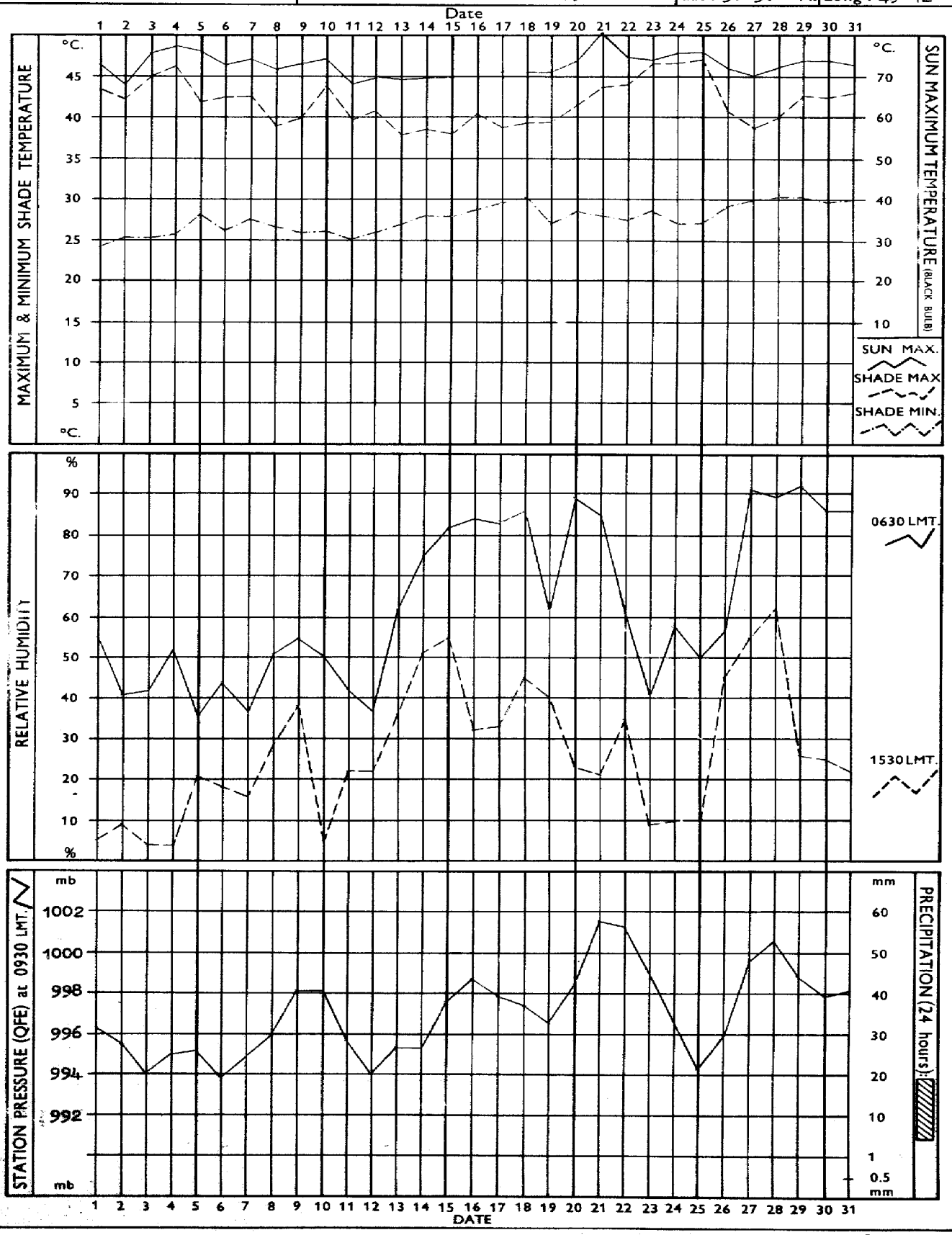
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
37.4	21.8	11.5	13.6	21	994.2	310	15	X	2		43.6	24.0	22.2	73.0	280	25	0	Haze	1
38.0	20.5	7.1	10.1	15	992.9	310	13	X	2		42.3	25.2	23.4	68.0	320	33	0	Sandst.	2
42.5	24.0	13.1	15.0	18	991.0	290	10	0	20		45.0	25.2	22.7	76.0	300	18	0	Clear	3
40.5	23.4	13.1	15.1	20	992.4	300	10	0	3		46.2	25.8	23.7	77.5	290	24	0	Haze	4
40.0	23.8	14.5	16.5	22	992.0	310	18	X	0.3		41.8	28.2	27.2	76.3	300	26	0	Sandst.	5
38.6	21.8	10.4	12.7	19	991.7	310	16	0	2		42.5	26.2	23.0	73.0	290	24	0	Haze	6
37.1	22.4	12.6	14.6	23	992.4	300	10	0	4		42.6	27.5	24.0	74.5	300	20	0	"	7
36.0	26.0	21.4	25.6	43	994.5	180	7	0	20		39.0	26.8	24.0	72.0	250	16	0	"	8
35.2	28.8	26.4	34.5	61	996.4	220	3	0	15		40.0	26.0	24.2	73.2		9	0	Clear	9
37.0	21.7	11.7	13.7	22	994.7	330	15	0	2		43.8	26.3	24.5	74.5	310	23	0	Haze	10
37.2	20.8	9.0	11.5	18	991.5	310	25	X	0.1		39.7	25.0	24.8	68.0	310	32	0	Sandst.	11
37.4	22.4	13.1	15.1	24	991.6	310	20	X	0.2		40.7	26.0	24.8	70.0	310	29	0	"	12
27.[illegible]	22.0	19.2	22.3	62	995.0	–	0	0	3		38.0	27.0	26.3	69.0	320	13	0	Haze	13
33.2	25.5	22.0	26.5	52	994.9	180	4	0	3		38.6	28.0	27.5	69.8	180	11	0	"	14
34.0	28.0	25.7	33.0	62	996.9	180	3	0	3		38.0	28.0	27.6	70.0	160	11	0	Mist	15
36.1*		25.2*	32.1*	54*	996.8*	200*	4*				40.4*	28.7*			170	10	0	"	16
3[illegible].7*		19.0*	22.0*	44*	996.5*	170*	8*				38.8*	29.5*			160	16	0	"	17
[illegible].8	29.0	26.5	34.6	59	995.6	170	8	0	6		39.3	30.2	28.5	71.2	170	13	0	"	18
[illegible].1	26.2	21.8	26.2	44	994.9	170	2	0	15		39.4	27.0	23.6	71.2	160	15	0	Haze	19
6.0	27.0	23.2	28.5	48	997.5	210	4	0	18		41.5	28.6	26.1	74.0	170	12	0	Mist	20
36.5	27.6	24.0	29.9	49	999.5	210	9	1	15		43.7	28.0	26.5	80.8	190	13	0	"	21
42.7	24.5	14.2	16.2	19	996.3	300	8	0	20		44.0	27.6	24.6	75.0	300	13	0	Clear	22
40.0	24.5	16.2	18.4	25	994.8	300	14	0	5		46.7	28.6	25.0	74.5	290	17	0	Haze	23
40.5	25.3	17.5	20.0	27	992.5	300	12	0	5		46.7	27.2	23.0	76.2	290	15	0	"	24
39.8	25.5	18.4	21.2	29	991.6	300	10	0	4		47.1	27.3	25.3	76.2	290	17	0	"	25
35.6	29.2	27.0	35.5	61	995.5	150	2	0	6		40.7	29.2	24.5	72.1	190	15	0	"	26
36.4	31.2	29.6	41.3	68	998.3	180	4	0	10		38.7	30.0	29.0	70.0	140	13	0	Mist	27
37.4	27.5	23.4	28.8	45	997.9	190	7	0	20		40.0	30.2	29.0	72.6	230	13	0	"	28
[illegible]8.5	27.0	21.9	26.4	39	996.1	210	6	0	25		42.6	30.2	26.2	74.1	210	14	0	"	29
39.5	27.0	21.5	25.7	35	994.5	190	6	0	14		42.5	29.7	27.5	74.0	180	13	0	"	30
39.0	26.0	19.9	23.2	33	995.5	220	12	0	18		43.0	30.0	27.0	73.0	220	19	0	"	31
37.3	25.2	18.7	22.9	37	994.7	–	9	1	9		41.8	27.7	25.4	73.1					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter < 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm : Thunderstorm at or near the station

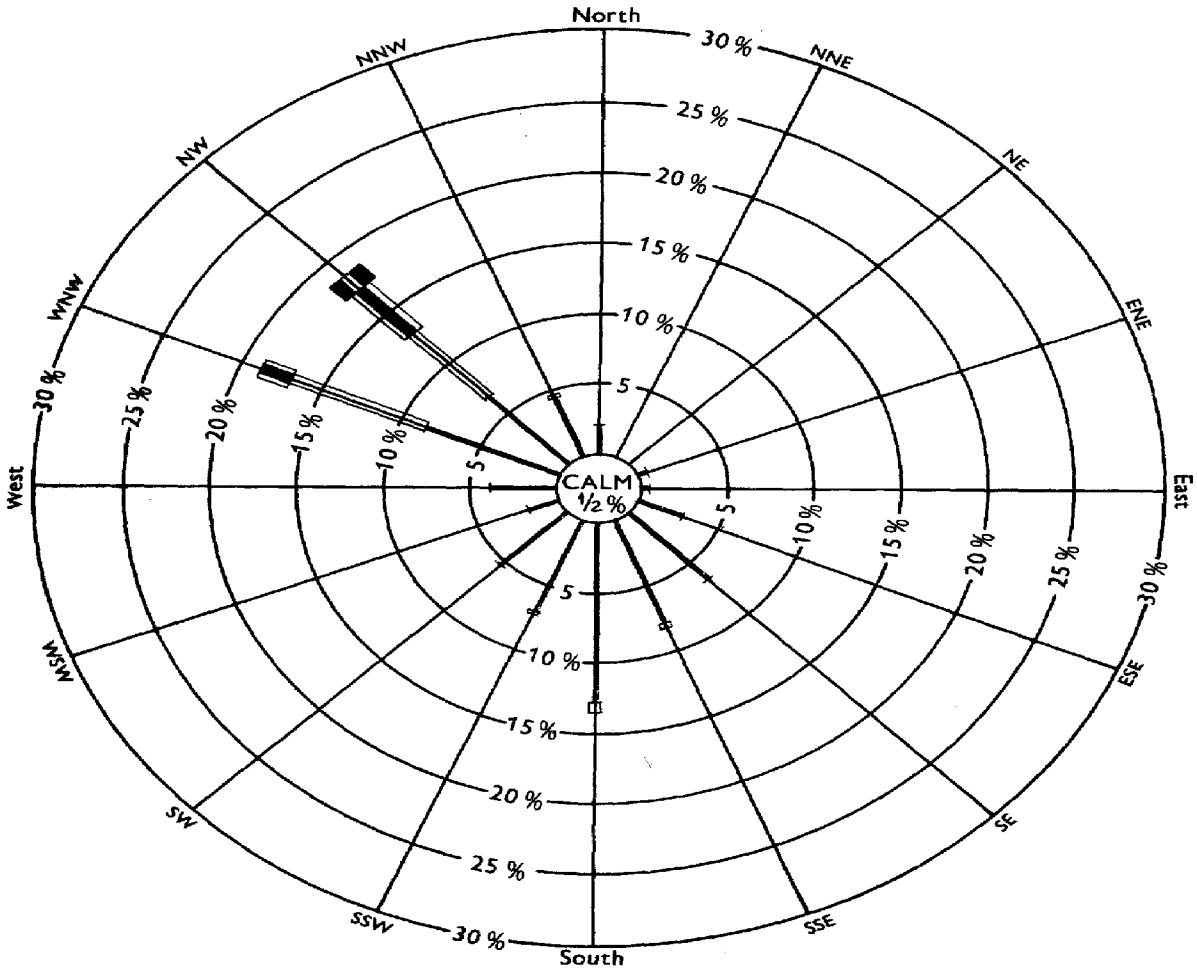
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : July	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



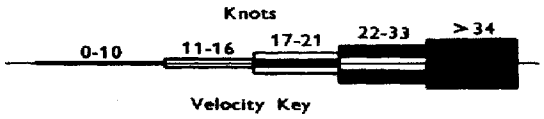
Met. Form 4

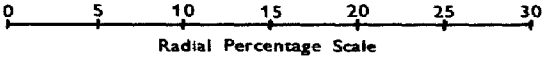
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : July	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°42' E.



Hours in month 744

Hours recorded 728





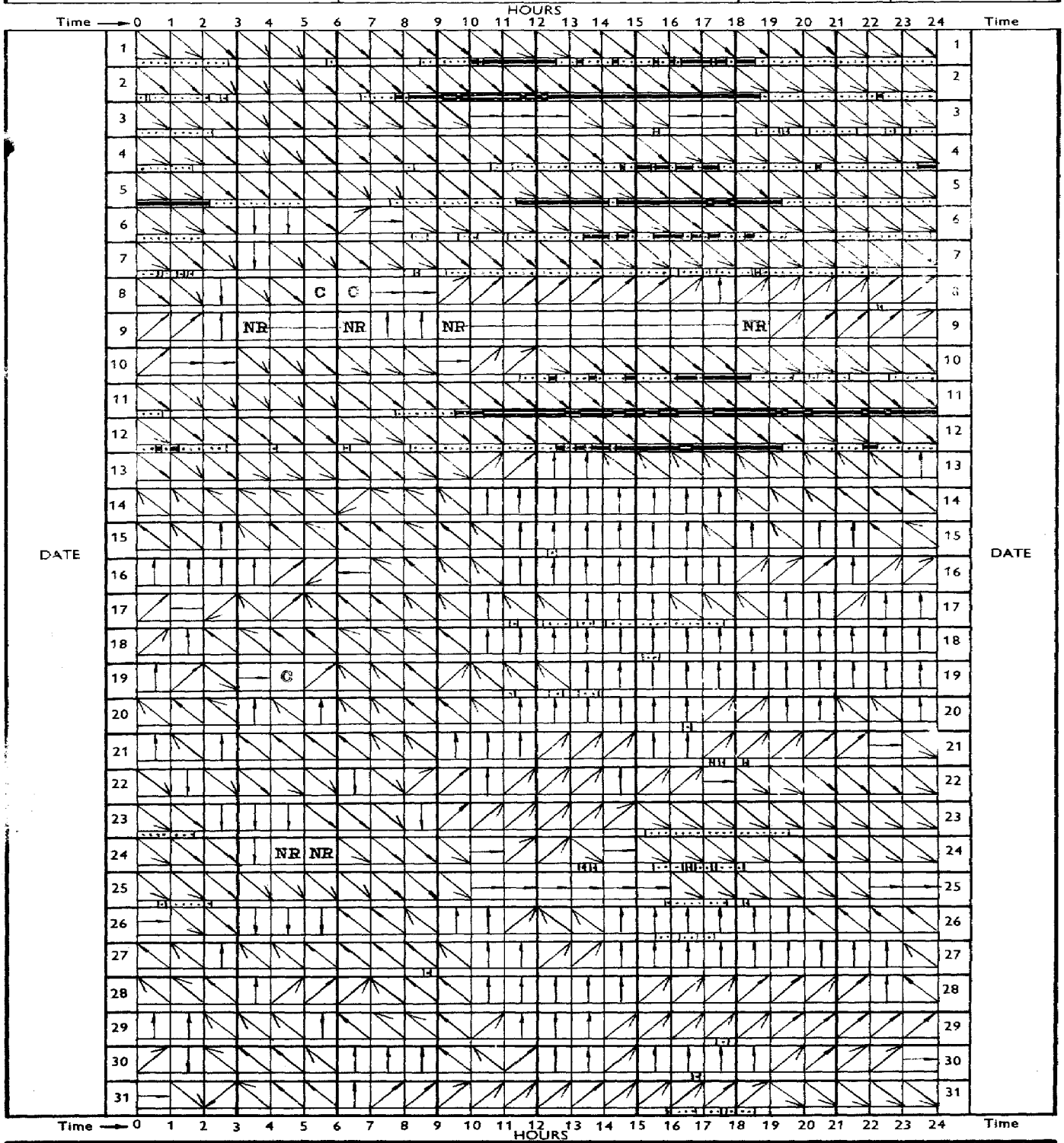
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

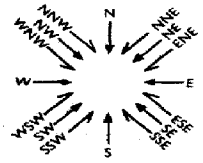
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : July	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°42' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	28.6	22.6	19.4	22.6	58	995.9	350	10	0	10	32.4	23.0	18.0	20.6	42	997.0	340	10	0	18	1
2	29.4	22.0	17.9	20.6	50	995.4	340	10	0	10	33.8	23.4	17.8	20.4	40	995.0	340	15	0	15	2
3	29.0	22.4	18.9	21.9	55	993.9	340	10	0	8	32.4	22.8	17.5	20.1	42	994.5	340	15	0	10	3
4	29.4	23.8	21.1	25.0	61	993.8	350	10	0	6	33.4	25.0	21.1	25.0	49	993.9	350	10	0	10	4
5	29.6	23.6	20.7	24.4	59	994.1	350	14	0	1	34.0	23.2	17.3	19.8	37	994.0	300	20	0	1.5	5
6	29.6	24.4	22.0	26.4	64	993.6	350	10	0	6	33.2	23.2	17.8	20.5	41	993.8	300	15	0	8	6
7	30.8	22.4	17.8	20.4	46	993.7	350	10	0	1.5	34.0	24.4	19.6	22.9	43	994.6	350	11	0	6	7
8	30.0	23.6	20.4	24.1	57	995.1	320	10	0	10	36.2	23.2	15.8	18.0	30	996.7	320	10	0	12	8
9	27.4	22.8	20.4	24.1	66	997.0	–	0	0	12	37.6	22.6	13.4	15.4	23	999.0	310	10	0	12	9
10	31.0	22.4	17.7	20.2	45	997.6	020	6	0	15	38.0	23.0	14.1	16.1	24	998.1	330	10	0	20	10
11	30.4	23.0	19.2	22.2	51	995.2	330	13	0	4	33.4	24.2	19.6	22.8	44	994.4	300	15	0	8	11
12	29.8	22.4	18.4	21.2	51	993.4	330	10	0	1.8	32.4	23.4	18.7	21.6	45	993.2	330	20	0	4	12
13	30.0	26.0	24.3	30.4	72	994.9	–	0	X	0.8	33.4	27.0	24.3	30.5	59	995.4	–	0	X	0.4	13
14	28.8	26.0	24.8	31.4	79	994.8	–	0	X	0.4	33.2	27.8	25.7	33.1	66	996.0	180	10	X	1	14
15	30.0	28.6	28.1	38.9	90	996.5	180	2	0	2	34.0	29.0	27.2	36.1	68	997.6	150	5	0	5	15
16	30.0	28.4	27.8	37.5	89	998.0	–	0	0	2	33.4	28.2	26.2	34.1	66	999.3	120	6	1	1.8	16
17	31.0	29.0	28.3	38.5	86	997.6	–	0	1	1.5	34.6	29.2	27.2	36.2	66	999.3	170	10	0	3	17
18	30.6	30.0	29.8	42.0	95	997.8	–	0	0	3	34.0	29.6	28.1	38.0	71	998.4	100	10	1	3	18
19	30.0	28.4	27.8	37.4	88	997.0	100	8	0	5	34.4	29.0	27.1	35.8	66	997.4	100	12	0	12	19
20	30.4	27.4	26.2	34.1	78	997.3	100	4	6	15	36.2	29.0	26.3	34.3	57	999.9	100	8	3	15	20
21	30.4	27.4	26.2	34.1	78	1000.8	–	0	4	15	37.0	27.4	23.4	28.8	46	1002.5	–	0	0	15	21
22	30.0	28.8	28.4	38.8	91	1001.9	–	0	0	15	35.2	30.6	29.1	40.3	71	1001.6	200	6	0	15	22
23	31.6	29.8	29.3	40.5	87	998.6	200	10	0	15	35.0	30.2	28.5	39.1	70	998.5	160	6	0	15	23
24	31.0	28.0	26.9	35.4	79	995.9	–	0	0	15	36.6	27.6	23.9	29.6	48	996.0	360	2	0	15	24
25	31.4	26.2	24.0	29.8	65	994.1	360	5	0	15	35.0	28.2	25.6	32.8	58	994.3	360	10	0	15	25
26	31.6	30.0	29.4	41.2	89	995.6	–	0	0	15	35.4	29.6	27.5	36.8	64	997.7	250	12	0	15	26
27	30.8	29.8	29.4	41.2	93	999.4	–	0	3	15	34.8	30.6	29.2	40.5	73	1001.0	200	10	0	15	27
28	30.4	29.2	28.8	39.6	91	1000.3	–	0	5	15	34.6	30.4	29.0	40.1	73	1001.3	090	10	0	15	28
29	29.4	28.2	27.7	37.3	91	998.5	–	0	3	15	35.4	28.8	26.3	34.4	60	999.3	090	6	0	20	29
30	29.0	28.2	27.9	37.7	94	997.3	–	0	0	10	37.0	28.2	24.7	31.2	50	998.4	180	10	0	20	30
31	30.0	29.4	29.2	40.5	95	997.9	180	2	0	10	36.2	30.0	27.8	37.6	63	998.4	270	10	0	15	31
Av.	30.0	26.3	24.5	31.6	74	996.5	–	5	1	9	34.7	26.8	23.2	29.5	53	997.3	–	10	1	11	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

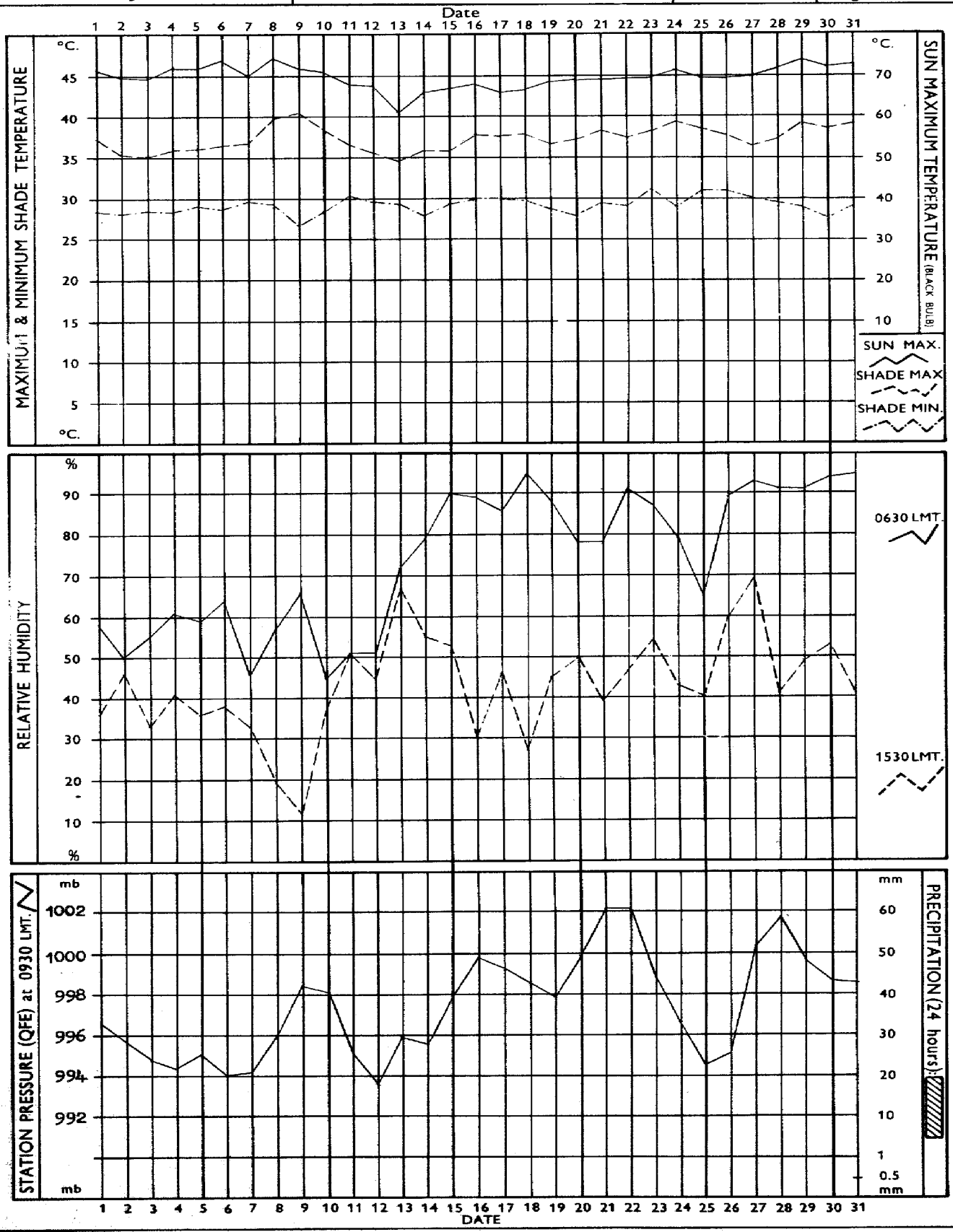
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
33.4	25.0	21.2	25.0	48	994.5	280	10	X	2		37.2	28.5	27.2	71.4	340	27	0	Haze	1
34.0	23.2	17.3	19.9	38	992.9	280	20	X	0.2		35.4	28.2	28.0	69.8	340	29	0	Sandst.	2
34.4	22.8	16.3	18.5	34	992.1	300	4	0	5		35.0	28.6	27.6	69.4	020	24	0	Haze	3
34.2	25.4	21.3	25.4	48	992.0	300	14	0	10		36.0	28.4	27.2	71.0	350	26	0	"	4
34.4	23.8	18.3	21.0	39	992.0	300	20	0	1		36.0	29.0	29.0	71.8	350	33	0	Sandst.	5
35.2	23.8	17.8	20.4	36	991.6	300	22	0	0.5		36.5	28.8	28.2	74.0	360	29	0	"	6
35.0	23.2	16.7	19.0	34	991.9	300	12	0	10		36.8	29.8	28.9	70.0	350	29	0	Haze	7
35.4	20.0	8.4	11.1	19	995.3	280	5	0	8		39.7	29.4	28.8	74.5	360	17	0	"	8
38.0	22.2	12.2	14.2	22	996.8	280	2	0	15		40.6	26.8	26.2	72.2	340	15	0	Clear	9
35.8	25.0	19.8	23.1	40	994.8	300	15	0	12		38.5	28.4	25.0	71.0	350	28	0	"	10
34.6	24.0	18.5	21.4	39	991.2	320	18	X	0.3		36.6	30.2	26.1	68.0	020	29	0	Sandst.	11
33.4	25.0	21.1	25.0	49	993.1	180	5	X	0.5		35.6	29.5	28.9	68.0	350	23	0	Dust	12
30.6	27.0	25.6	32.8	74	994.7	160	7	0	2		34.6	29.4	29.4	61.0			0	"	13
30.8	28.0	27.0	35.6	80	995.0	030	2	X	1.5		35.8	28.0	27.7	66.0	220	12	0	"	14
3[illegible].8	28.8	27.3	36.4	73	997.2	170	6	0	5		35.8	29.4	27.8	67.0			0	Mist	15
3[illegible].4	25.6	21.6	25.8	48	997.5	170	10	0	2		37.8	30.0	28.9	68.0			0	"	16
[illegible].0	26.2	22.2	27.0	48	997.9	170	6	0	3		37.6	30.0	28.9	66.0	210	8	0	Haze	17
[illegible]3.4	27.8	25.6	32.9	64	996.3	250	6	0	3		37.8	29.8	28.8	66.5	220	7	0	Mist	18
[illegible]3.8	25.4	21.6	25.7	49	995.5	180	2	0	5		36.7	28.8	27.4	68.5	230	7	0	"	19
35.0	27.0	23.7	29.3	52	998.5	200	2	1	12		37.2	28.0	27.4	69.0			0	"	20
35.0	27.6	24.4	30.6	55	1000.4	250	3	1	20		38.2	29.4	27.4	69.0			0	Fair	21
35.8	26.4	22.3	26.9	46	998.3	270	2	0	20		37.5	29.0	28.2	69.5			0	Clear	22
33.8	29.2	27.6	36.9	70	995.7	–	0	0	15		38.2	31.2	30.4	70.0	330	18	0	"	23
36.4	27.2	23.3	28.7	47	992.6	300	8	0	20		39.2	29.0	26.7	71.4	350	23	0	"	24
37.8	25.0	18.6	21.4	32	992.4	280	10	0	20		38.4	31.0	28.6	69.5	320	28	0	"	25
33.6	29.2	27.7	37.1	71	996.6	180	5	0	12		37.3	31.0	29.4	69.5	250	20	0	"	26
33.2	29.8	28.6	39.3	77	999.6	–	0	0	12		36.4	30.0	28.5	70.0	250	22	0	Fair	27
33.8	28.4	26.4	34.4	65	999.2	240	6	1	15		37.3	29.5	27.5	72.0	270	15	0	"	28
34.4	28.4	26.1	33.9	62	997.6	240	5	0	20		39.0	29.0	26.7	74.0			0	"	29
35.0	29.6	27.6	37.1	66	996.7	100	8	0	20		38.5	27.8	25.1	72.2	260	17	0	Mist	30
36.6	26.4	21.9	26.3	43	996.2	300	12	0	15		39.0	29.0	26.7	73.0	300	21	0	"	31
34.5	26.0	21.9	27.2	51	995.4	–	8	1	9		37.3	29.2	24.9	60.8					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm : Thunderstorm at or near the station

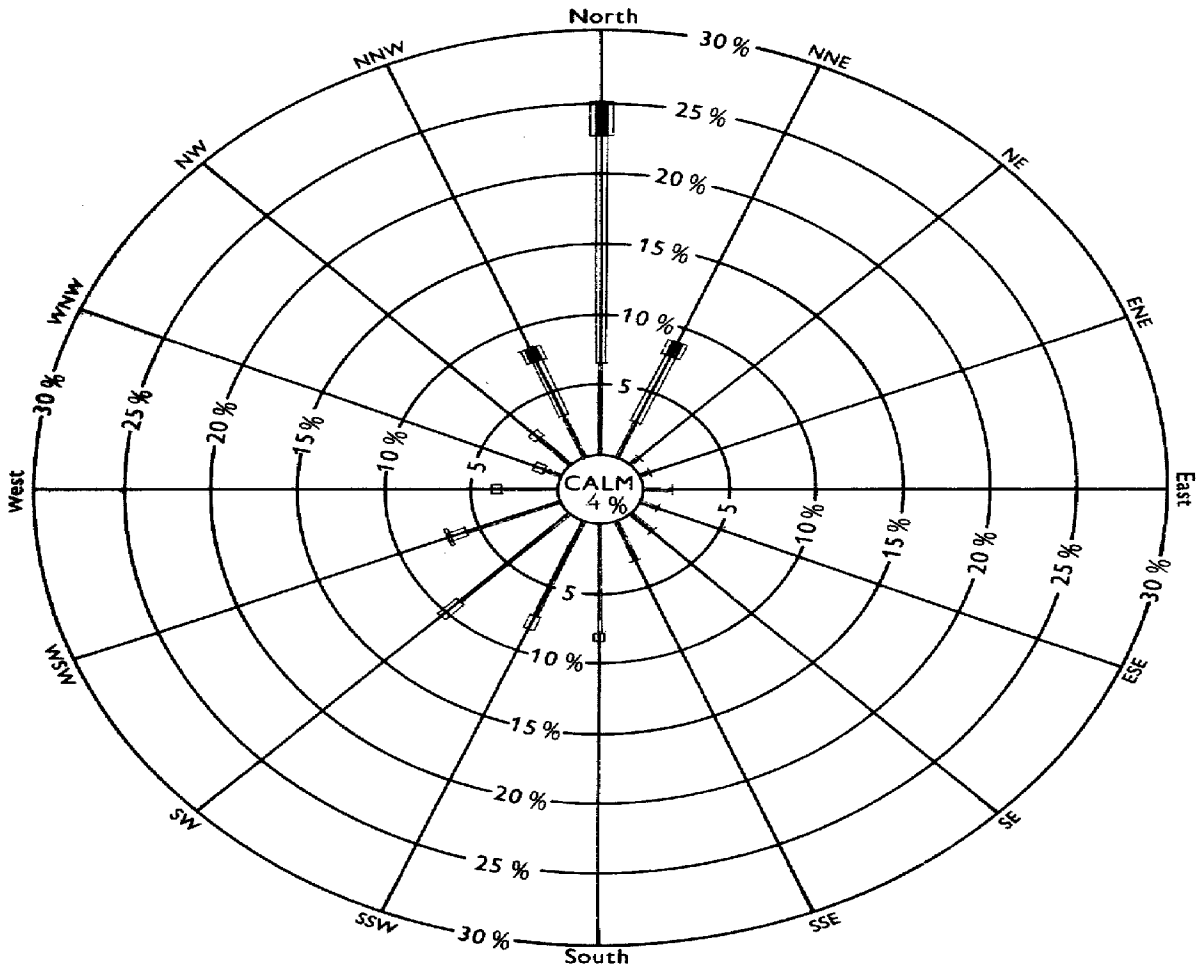
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : July	Year : 1964
		Station: Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



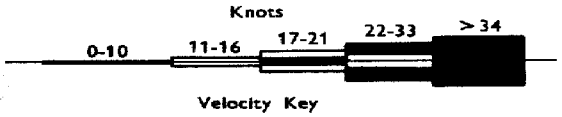
Met. Form 4

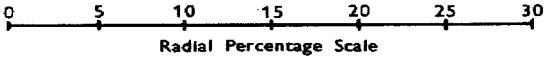
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : July	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



Hours in month 744

Hours recorded 709



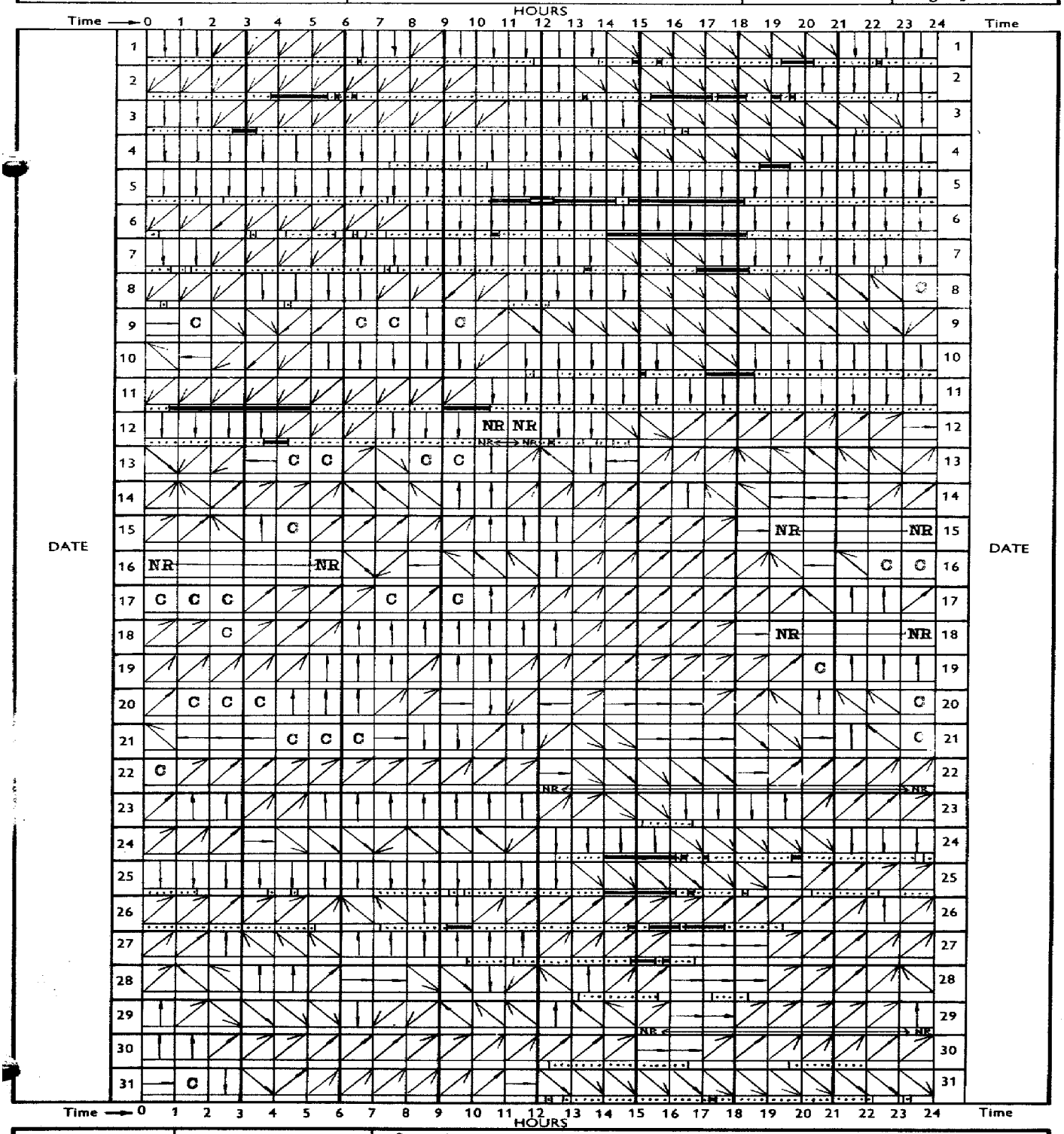


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

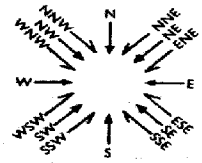
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : July	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks : Maintenance on 12.7.64. 1000-1200.

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	29.0	26.7	25.8	33.2	83	994.5	250	1	0	6	32.7	28.0	26.2	34.1	69	995.1	170	7	0	8	1
2	28.4	27.1	26.6	34.8	90	993.8	280	2	0	1.2	32.0	29.0	27.9	37.7	73	993.5	170	10	0	6	2
3	30.5	27.4	26.2	34.1	78	992.4	330	4	0	1	33.3	28.7	27.0	35.7	70	992.3	230	6	0	10	3
4	29.6	27.9	27.2	36.2	87	992.8	130	2	2	6	31.9	30.5	30.1	42.6	90	993.4	170	8	0	6	4
5	29.0	28.4	28.2	38.3	96	992.7	040	1	0	8	33.0	29.0	27.6	36.8	73	991.8	200	6	0	10	5
6	30.7	29.8	29.5	41.2	93	991.2	100	6	0	1.2	34.6	30.5	29.2	40.5	74	992.6	190	2	0	1.2	6
7	31.0	29.0	28.3	38.5	86	993.2	350	1	0	5	32.9	30.5	29.7	41.8	83	993.6	150	13	1	15	7
8	29.9	29.4	29.2	40.6	95	995.9	280	1	0	1.2	34.4	30.0	28.5	38.9	70	996.4	170	5	0	6	8
9	30.6	29.8	29.6	41.4	94	997.3	110	12	2	10	33.9	29.4	27.8	37.4	71	999.2	210	7	0	12	9
10	29.4	26.9	25.9	33.4	82	997.3	300	2	0	6	34.5	28.2	25.8	33.2	61	996.5	170	4	0	10	10
11	32.2	26.7	24.4	30.6	64	992.1	300	12	0	2	33.5	28.5	26.7	35.0	68	992.6	120	7	0	8	11
12	30.2	28.8	28.3	38.5	90	993.3	110	15	0	1.2	31.8	29.2	28.3	38.5	82	993.9	150	18	0	6	12
13	30.0	27.3	26.3	34.2	81	996.4	110	1	0	1.2	33.2	30.0	28.9	39.9	78	996.7	270	5	0	6	13
14	30.8	29.6	29.2	40.6	91	996.2	170	3	8	1.2	33.5	30.2	29.1	40.3	83	996.7	130	6	5	6	14
15	32.5	29.2	28.1	37.9	77	996.9	100	13	8	15	34.7	29.5	27.7	37.1	67	998.2	120	16	0	10	15
16	31.4	29.9	29.9	41.0	89	998.9	110	3	X	6	33.8	29.5	28.2	38.2	74	998.8	160	10	0	6	16
17	31.4	30.1	29.7	41.7	91	999.5	120	6	3	8	33.8	30.4	29.3	40.7	78	999.7	150	14	6	15	17
18	31.7	29.7	29.0	40.1	85	999.1	110	2	5	6	34.9	30.2	28.6	39.2	74	998.7	160	6	[illegible]	6	18
19	33.1	28.3	26.5	34.6	68	997.8	030	3	7	15	34.5	29.5	27.7	37.2	68	997.7	150	17	0	20	19
20	33.2	29.5	28.2	38.3	75	998.6	090	5	4	6	35.0	28.2	25.6	32.8	58	999.4	150	15	1	6	20
21	32.7	29.0	27.7	37.1	75	1002.0	090	16	3	20	34.4	29.6	27.9	37.6	69	993.1	150	16	0	20	21
22	31.0	27.4	26.0	33.6	80	1002.4	350	1	2	6	35.5	28.7	26.2	34.0	59	1000.5	180	6	0	10	22
23	31.0	29.7	29.3	40.7	91	999.5	270	3	1	15	34.3	29.0	27.1	35.8	66	999.2	220	6	0	15	23
24	31.4	27.6	26.0	33.8	73	995.8	270	2	0	6	34.9	28.9	26.7	35.0	62	996.0	230	8	2	10	24
25	30.2	28.8	28.3	38.5	90	994.5	270	1	2	10	33.4	29.3	27.9	37.6	73	995.3	150	13	2	15	25
26	32.7	30.8	30.3	42.9	87	996.9	110	9	2	6	34.1	32.8	32.4	48.7	91	997.3	130	18	0	6	26
27	33.1	32.0	31.7	46.7	95	1000.1	110	13	7	8	35.3	31.9	30.9	44.6	78	1001.3	120	22	0	10	27
28	32.5	31.5	31.2	45.3	93	1001.7	100	10	4	8	34.3	29.5	27.8	37.4	69	1001.5	130	15	0	18	28
29	31.7	29.3	28.5	38.9	83	999.4	130	9	7	8	34.5	30.3	28.9	39.9	73	1000.2	190	7	4	15	29
30	30.2	28.7	28.1	38.1	89	998.7	310	1	1	10	33.8	29.1	27.4	36.5	69	999.8	180	6	0	12	30
31	30.4	28.4	27.7	37.1	84	999.0	260	1	4	10	34.3	30.0	28.6	39.0	72	998.9	210	8	3	15	31
Av.	31.0	28.9	28.1	38.1	88	996.8	–	5	3	7	33.9	29.6	28.1	38.2	73	996.8	–	10	1	10	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : July Year : 1964

Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

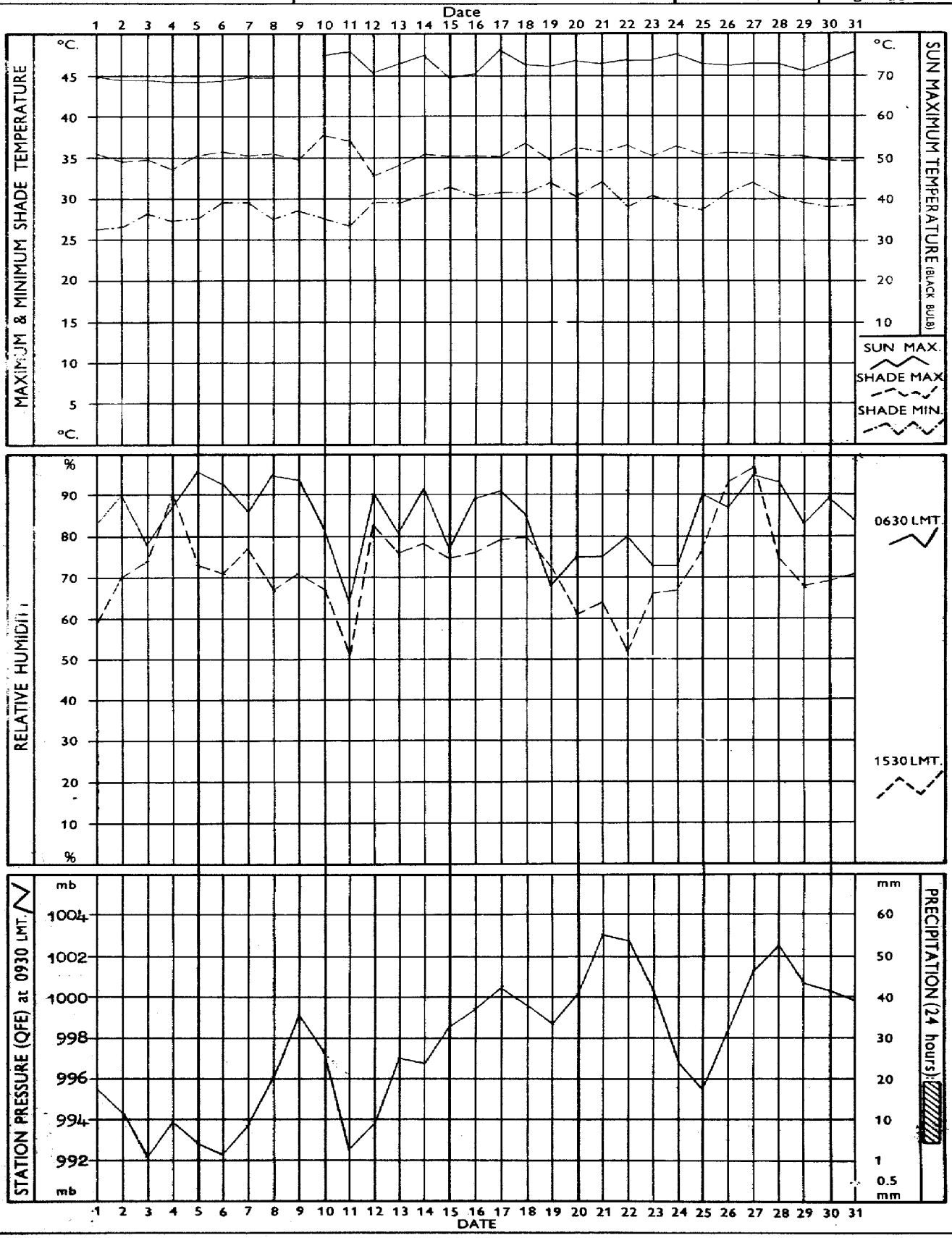
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 - 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
32.2	27.2	25.2	32.1	67	993.8	310	5	0	6	29.5	35.6	26.3		69.8			0	Haze	1
32.2	28.0	26.4	34.5	72	992.7	290	10	0	1.2	29.6	34.6	26.6		69.1	130	12	0	Mist	2
31.7	29.1	28.2	38.2	82	990.9	290	12	1	4	29.7	34.9	28.2		69.0	290	15	0	Dust	3
31.7	30.4	30.0	42.4	90	992.2	300	5	3	6	29.4	33.8	27.3		68.6	160	11	0	Mist	4
31.9	30.4	29.9	42.2	89	992.0	240	9	0	2	30.6	35.3	27.6		68.6	250	15	0	Haze	5
33.3	29.5	28.2	38.2	75	991.4	290	10	0	1.2	30.0	35.8	29.5		68.8	[illegible]	13	0	Mist	6
32.5	30.0	29.2	40.4	83	992.6	200	3	0	8	30.5	35.2	29.5		69.8	150	13	0	Haze	7
33.0	29.8	28.7	39.5	78	995.1	190	2	0	6	31.1	35.6	27.5		69.8			0	Mist	8
32.6	28.8	27.4	36.6	74	996.8	240	10	0	10	31.2	34.9	28.5			130	13	0	Haze	9
36.3	25.2	19.9	23.2	38	993.4	280	15	0	10	30.4	37.8	27.5		75.2	290	28	0	"	10
32.7	27.0	24.7	31.1	63	990.7	290	14	0	6	31.2	37.0	26.7		76.0	310	20	0	"	11
31.[illegible]	28.9	28.1	38.0	84	994.4	150	4	0	1.2	30.4	32.8	29.6		71.2	150	23	0	Mist	12
32.7	29.0	27.7	37.1	75	995.5	220	2	6	0.8	30.7	34.1	29.5		73.0	120	8	0	Dust	13
3[illegible].4	28.9	27.4	36.5	72	995.7	080	3	4	6	30.8	35.4	30.4		75.0	140	10	0	Mist	14
3[illegible].1	29.1	28.1	37.9	79	996.5	180	7	2	8	30.0	35.2	31.5		69.7	120	22	0	Haze	15
3[illegible].7	30.6	29.7	41.6	84	997.2	230	2	3	6	30.6	35.2	30.3		70.3	110	17	0	Mist	16
[illegible].6	30.3	29.6	41.4	84	998.0	150	5	7	10	30.8	35.1	30.8		76.3	160	13	0	"	17
[illegible]3.0	29.9	28.8	39.7	79	997.3	120	3	3	6	31.0	36.8	30.7		72.8	150	16	0	Haze	18
[illegible]2.7	29.0	27.7	37.1	75	996.1	180	5	0	15	31.2	34.8	32.1		72.3	150	21	0	Fair	19
33.8	29.7	28.3	38.5	73	998.6	110	5	1	10	30.5	36.2	30.2		73.7	110	24	0	Haze	20
32.3	29.0	27.8	37.4	77	1000.2	150	8	0	20	31.3	35.8	32.2	31.5	73.0	120	20	0	Fair	21
34.4	26.9	23.8	29.4	54	999.0	250	8	0	6	31.6	36.5	29.1	28.5	74.0	230	8	0	Haze	22
33.5	27.4	25.0	31.6	61	996.9	290	4	0	20	32.3	35.1	30.2	30.1	73.8	280	17	0	Clear	23
33.5	28.5	26.3	34.3	66	993.7	280	3	7	6	31.8	36.4	29.3	29.2	75.1	310	11	0	Haze	24
33.1	29.3	28.0	37.8	74	994.8	140	4	4	15	31.5	35.4	28.8	28.7	72.8	140	10	0	Fair	25
34.5	32.8	32.2	48.3	88	998.2	030	3	7	10	31.5	35.8	30.7	31.5	72.3	120	24	0	Mist	26
34.0	32.5	32.1	47.7	90	999.3	310	3	6	8	31.5	35.6	32.2	31.8	73.2	120	29	0	"	27
32.4	29.2	28.2	38.2	80	999.0	210	2	1	10	31.4	35.3	30.4	29.9	72.9	130	20	0	"	28
33.3	29.4	28.1	37.9	74	998.2	290	4	2	10	31.8	35.3	29.5	29.5	71.2	160	9	0	Haze	29
32.8	28.5	26.9	35.5	71	997.8	240	5	0	10	32.2	34.8	29.1	28.8	73.6	130	9	0	Fair	30
32.9	29.4	28.2	38.2	76	996.4	250	8	3	10	31.9	34.8	29.3	29.3	75.3	250	10	0	P.Cloudy	31
32.9	29.2	27.7	37.5	75	995.6	–	6	2	8	30.9	35.4	29.4		72.2					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

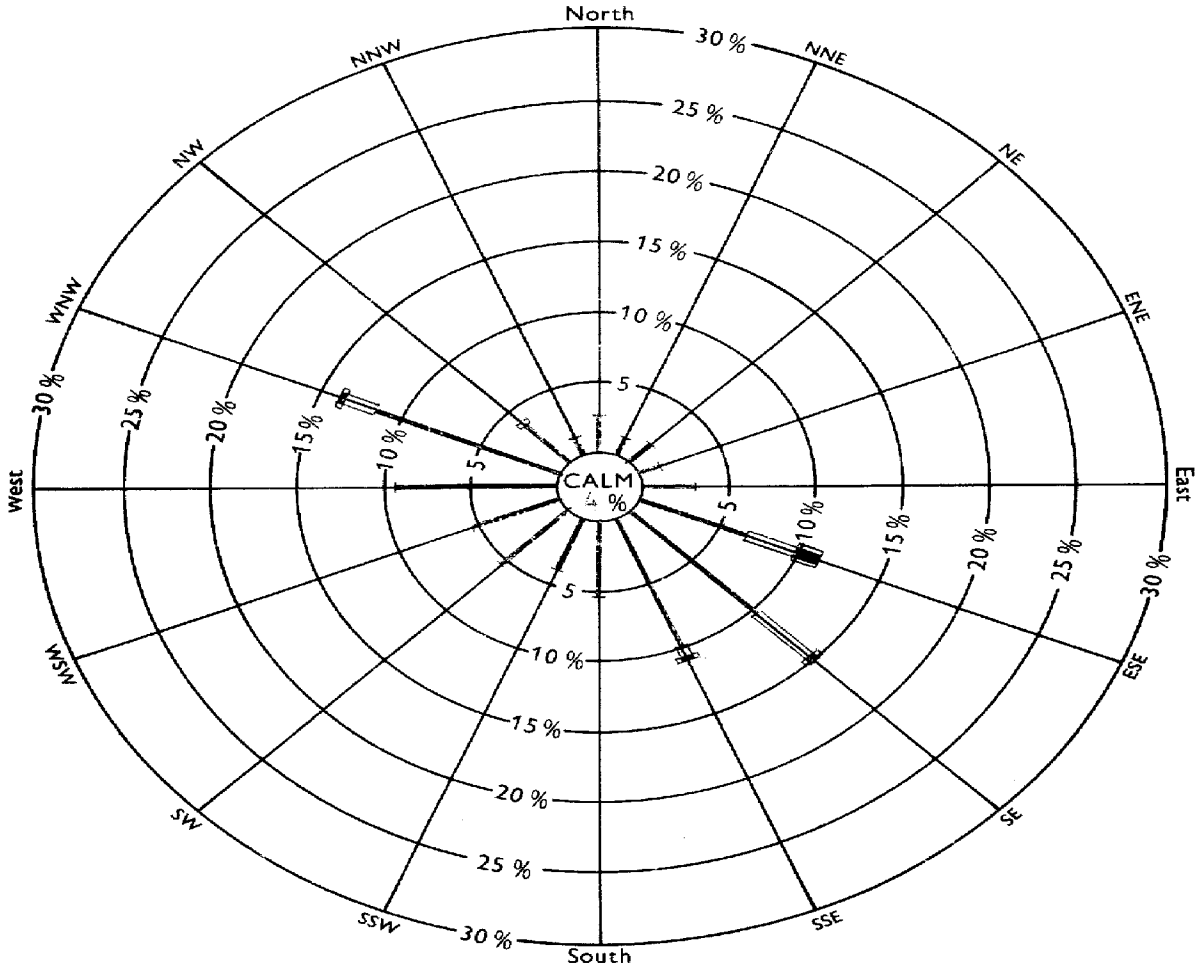
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : July	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



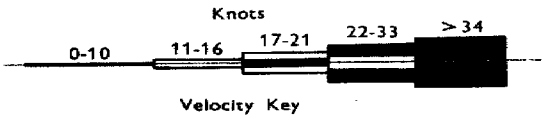
Met. Form 4

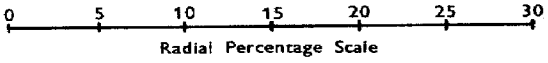
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : July	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 744

Hours recorded 735



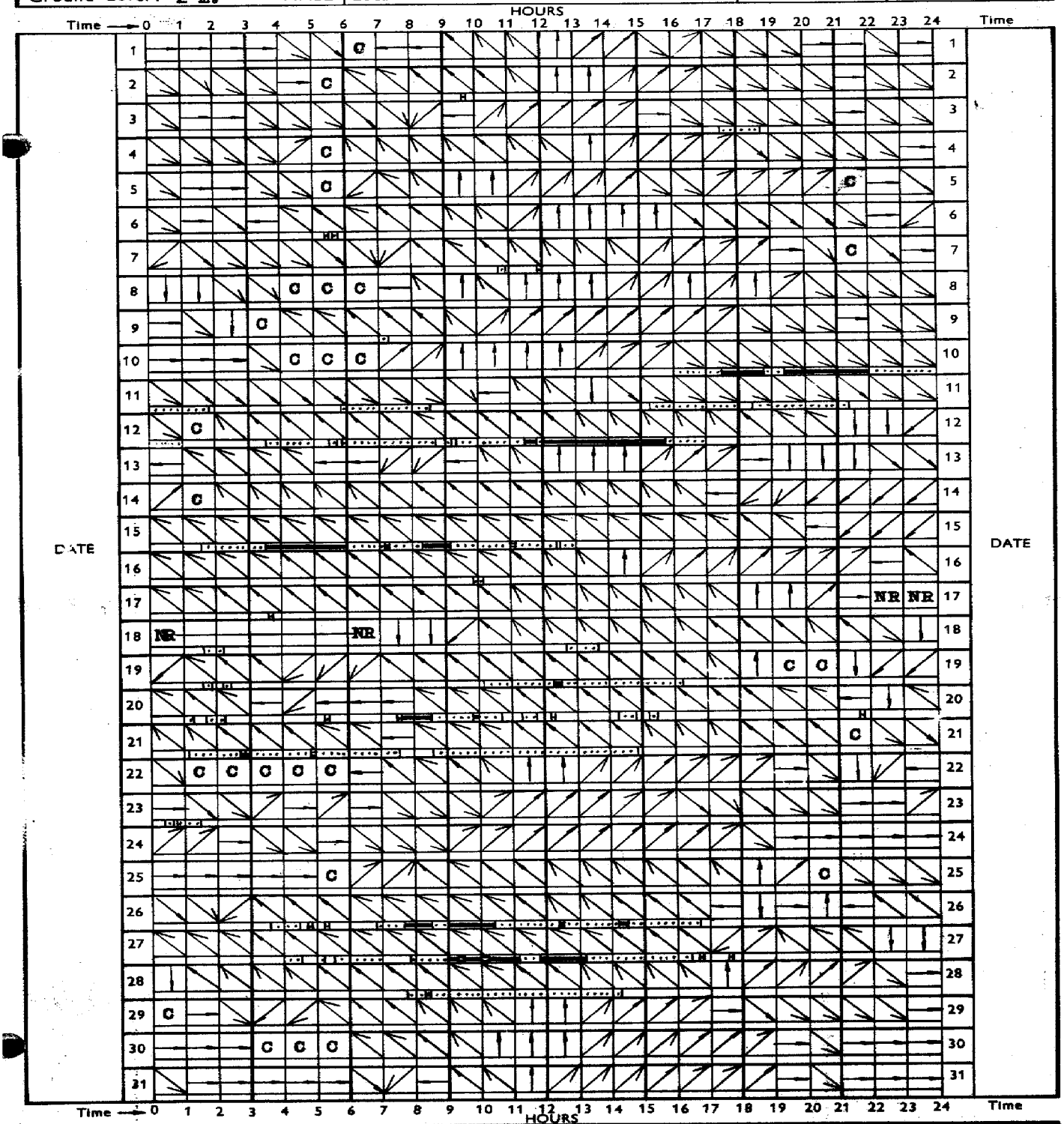


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

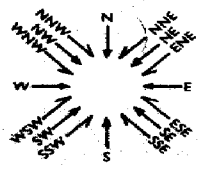
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : July	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

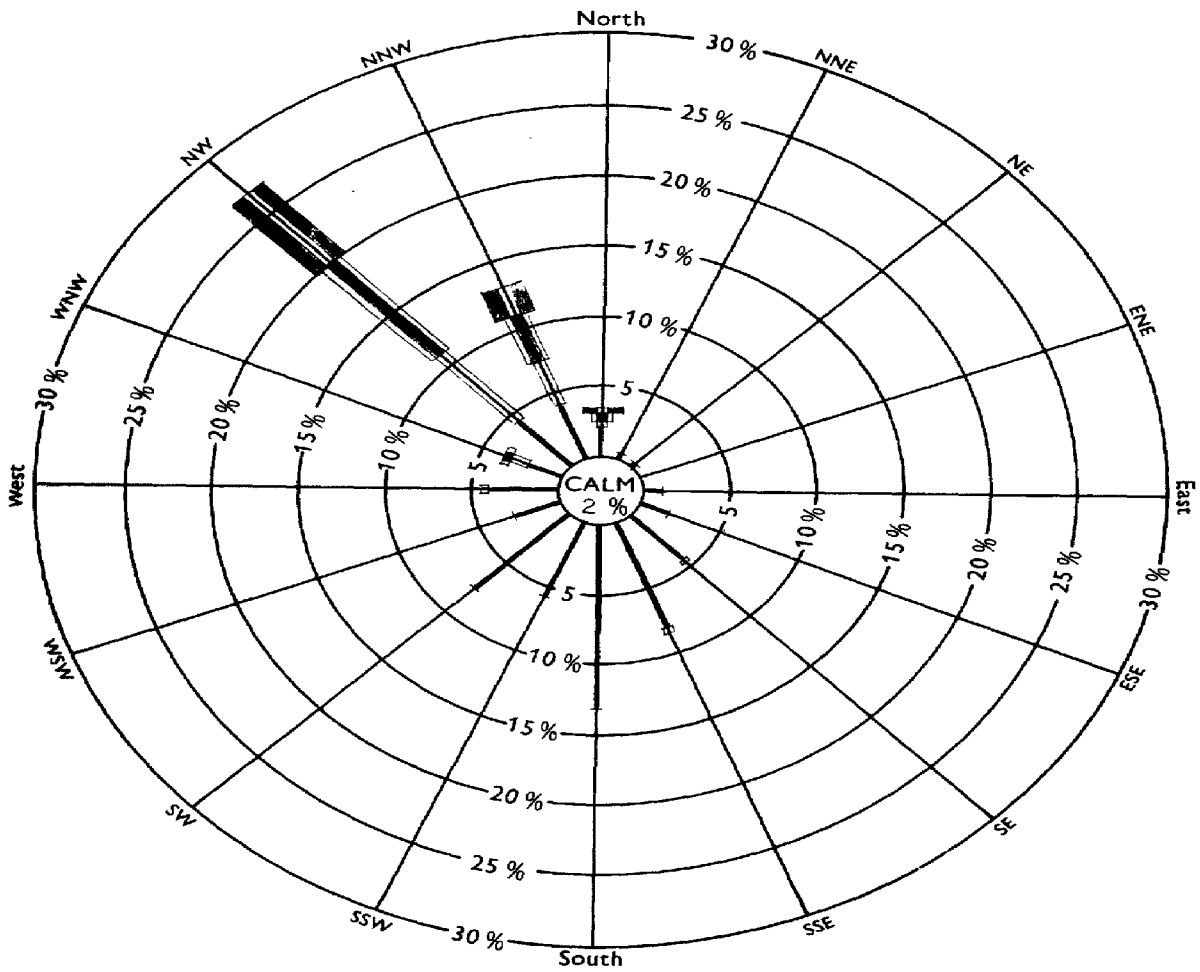
DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots.)

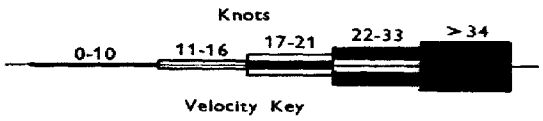
Remarks :

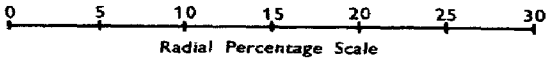
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : July	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



Hours in month 744

Hours recorded 722





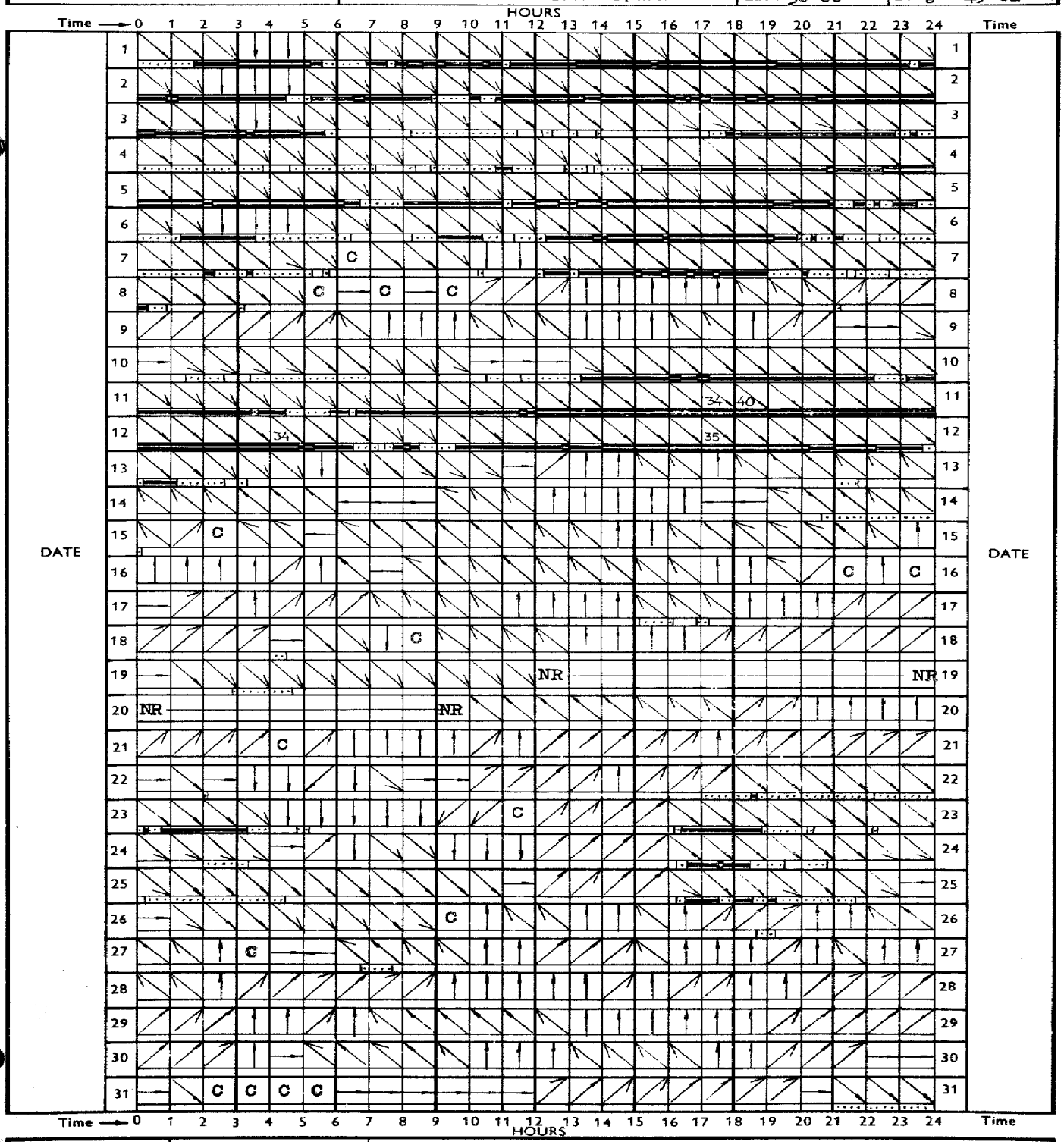
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : July	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



VELOCITY KEY	DIRECTION KEY	
C Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW	Example : 3 4 40 — From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)
1-10 Knots		
11-16		
17-21		
22-33		
> 34		
NR No Record.		

Remarks : There was no wind direction recording during the period 1st 0000-6th 0945. The directions given in this summary have been interpolated between Bandar Mashur and Kharg Island. This has been done in order to give a more accurate wind rose, as the relative importance of these directions is great.

Met. Form 4

MEAN SEA LEVEL PRESSURE (QFF) MB

Date	Masjid-i-Sulaiman 0630	1230	1830	Agha Jari 0630	1230	1830	Gach Saran 0630	1230	1830	Ahwaz 0630	1230	1830
1	995.2	994.5	994.1	997.3	997.0	994.7	994.0	992.7	992.8	996.4	996.1	994.5
2	994.7	993.6	992.9	996.6	995.1	993.1	992.6	991.0	990.5	995.9	994.9	992.6
3	992.6	992.3	991.3	995.0	994.3	992.2	991.0	989.9	989.5	993.9*	994.0*	991.9
4	992.8	993.2	992.4	994.7	994.7	992.5	991.9	990.3	989.5	993.6	994.2	992.3
5	992.6	992.4	991.3	995.4	995.0	992.2	991.6	989.7	989.1	994.3	994.5	992.1
6	991.8	992.3	991.1	994.4	994.6	992.3	990.6	989.1	989.2	993.0	994.0	991.9
7	992.5	993.1	990.6	995.3	994.7	992.3	991.0	990.1	989.5	994.3	994.5	992.3
8	995.5	995.2	993.9	996.2	996.7	995.3	993.3	993.1	993.3	995.1	996.4	994.7
9	996.5	997.9	996.3	998.5	999.6	997.3	996.0	996.3	995.4	996.7*	997.8*	996.4
10	997.5	996.9	994.7	999.0	998.3	995.2	996.1	995.1	992.8	998.0*	998.1*	995.4
11	994.5	992.5	991.0	996.8	995.0	991.6	992.9	990.1	988.8	996.0	994.5	991.7
12	992.3	992.0	991.1	994.6	994.2	992.2	990.9	988.7	990.0	993.7	993.7	991.3
13	994.2	993.0	993.1	996.3	995.9	995.0	992.5	991.9	992.8	995.0	994.8	993.0
14	994.2	993.3	993.5	996.3	996.0	996.2	993.4	991.4	993.0	995.7	995.2	993.9
15	995.7	996.5	996.4	997.8	998.4	997.9	994.9	994.7	995.4	996.8	997.4	996.3
16	997.7	998.1	997.6	999.4	999.8	998.1	995.9	996.6	995.2	998.2	999.0	997.2
17	996.5	996.2	994.1	998.8	998.9	998.0	995.4	995.4	995.5	997.6*	997.7*	996.2
18	996.6	996.1	994.3	998.0	998.4	996.8	995.5	994.9	994.2	997.2	997.6	994.6
19	994.7	995.3	994.3	997.2	998.0	996.4	994.7	994.4	993.8	995.3	996.6	994.7
20	996.7	998.0	996.8	998.6	1000.1	998.2	995.4	996.3	996.4	997.0	999.2	997.6
21	1000.4	1000.4	999.3	1002.0	1002.5	1000.6	999.0	999.1	998.3	1000.9	1001.9	999.9
22	999.6	999.5	997.1	1002.1	1001.7	997.6	999.5	997.8	995.4	1000.5	1000.6	997.4
23	997.2	997.5	995.8	1000.0	999.2	995.8	997.1	995.2	993.6	998.5	998.3	995.2
24	994.8	995.0	993.2	996.9	996.6	993.3	994.2	992.8	990.8	995.9*	996.7*	993.2
25	992.8	993.1	991.5	994.8	994.5	992.1	992.3	990.5	990.5	993.7	994.2	992.1
26	993.9	995.4	994.4	996.3	997.2	997.0	994.0	993.9	995.0	994.7	995.8	994.7
27	998.8	999.3	997.7	1000.4	1000.9	999.3	997.7	997.8	997.4	998.8	1000.1	998.5
28	999.6	999.7	997.6	1002.6	1001.7	998.7	998.3	997.8	996.1	999.9	1000.6	998.6
29	997.7	998.3	996.2	999.9	999.4	997.3	997.3	995.9	995.4	998.5	998.5	996.4
30	996.7	997.0	995.3	998.0	998.8	996.1	995.8	995.1	994.8	997.0	997.7	995.1
31	997.1	996.5	995.2	998.7	998.4	996.0	996.4	994.4	994.2	998.0	998.1	996.1
Av.	995.6	995.6	994.3	997.7	997.6	995.5	994.6	993.6	993.2	996.5	996.9	994.8

Date	Abadan 0630	1230	1830	Bandar Mashur 0630	1230	1830	Kharg Island 0630	1230	1830	Sheikh Shu'aib 0630	1230	1830
1	997.6	997.7	996.4	996.5	996.0	994.6	996.3	997.4	994.9	994.9	995.6	994.2
2	997.4	996.7	994.8	995.9	994.8	993.3	995.8	995.4	993.3	994.2	993.9	993.1
3	994.9	994.7	993.1	994.3	993.7*	991.4	994.3	994.9	992.5	992.8	992.7	991.3
4	994.8	995.2	993.8	994.1	995.1*	992.8	994.2	994.3	992.4	993.2	993.8	992.6
5	995.6	996.5	994.1	994.8	994.3	992.4	994.5	994.4	992.4	993.1	992.2	990.4
6	994.4	995.6	993.8	994.0	994.0	992.1	994.0	994.2	992.0	991.6	993.0	991.8
7	995.2	995.6	993.9	995.0	994.6	992.8	994.1	995.0	992.3	993.6	994.0	993.0
8	996.0	996.5	994.3	995.5	996.7	994.9	995.5	997.1	995.7	996.3	996.8	995.5
9	996.8*	998.2*	997.1	997.1	998.7	996.8	997.4	997.4	997.2	997.7	999.6	997.2
10	998.7*	999.5*	997.0	998.4	997.8	995.1	998.0	998.5	995.2	997.7	996.9	993.8
11	997.3	996.6	994.1	995.9*	995.0	991.9	995.6	994.8	991.6	992.5	993.0	991.1
12	995.3	995.4	993.9	994.0	993.8	992.0	993.8	993.6	993.5	993.7	994.3	994.8
13	995.8	995.5	993.5	995.4	995.5	994.0	995.8	995.8	995.1	996.8	997.1	995.9
14	995.1	995.2	994.1	995.4	995.8	995.3	995.2	996.4	995.4	996.6	997.1	996.1
15	996.3	997.3	996.2	996.6	997.9	997.3	996.9	998.0	997.6	997.3	998.6	996.9
16	997.9	998.8	997.2	998.4*	999.1*	997.2*	998.4	999.7	997.9	999.3	999.2	997.6
17	997.4	997.7*	996.7	997.4*	998.2*	996.9*	998.0	999.7	998.3	999.9	1000.1	998.4
18	997.3	997.3	996.3	997.4*	998.0	996.0	998.2	998.8	996.7	999.5	999.1	997.7
19	996.2	996.9	995.3	996.0	997.1	995.3	997.4	997.8	995.9	998.2	998.1	996.5
20	997.4	998.6	998.1	997.6	999.4	997.9	997.7	1000.3	998.9	999.0	999.8	999.0
21	1001.2	1002.2	1000.6	1000.8	1002.0	999.9	1001.2	1002.9	1000.8	1002.4	1003.3	1000.6
22	1001.3	1001.6	998.3	1000.6	1001.3	996.9	1001.5	1002.0	998.7	1002.8	1000.9	999.4
23	999.1	999.2	996.5	998.7	998.6	995.2	999.0	998.5	996.1	999.9	999.6	997.3
24	996.8*	997.0*	994.3	995.8	996.3	992.9	996.3	996.4	993.0	996.2	996.4	994.1
25	994.5	995.0	993.2	993.9	993.9	992.0	994.8	994.7	992.8	994.9	995.7	995.2
26	995.7	997.1	996.4	995.2	996.7	995.9	996.0	998.1	997.0	997.3	997.7	998.6
27	999.1	1000.7	999.2	999.2	1000.7	998.7	999.8	1001.4	1000.0	1000.5	1001.7	999.7
28	1000.5	1000.6	998.3	1000.1	1001.0	998.3	1000.7	1001.7	999.6	1002.1	1001.9	999.4
29	998.0	998.8	996.8	998.5	998.9	996.5	998.9	999.7	998.0	999.8	1000.6	998.6
30	997.1	997.7	996.0	997.2	998.3	994.9	997.7	998.8	997.1	999.1	1000.2	998.2
31	998.5	998.7	997.0	998.7	997.9	995.9	998.3	998.8	996.6	999.4	999.3	996.8
Av.	997.1	997.6	995.8	996.7	997.1	995.1	996.9	997.7	995.8	997.2	997.2	996.0

* Values obtained from barograph.

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IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

METEOROLOGICAL OBSERVATIONS

FOR

AUGUST 1964

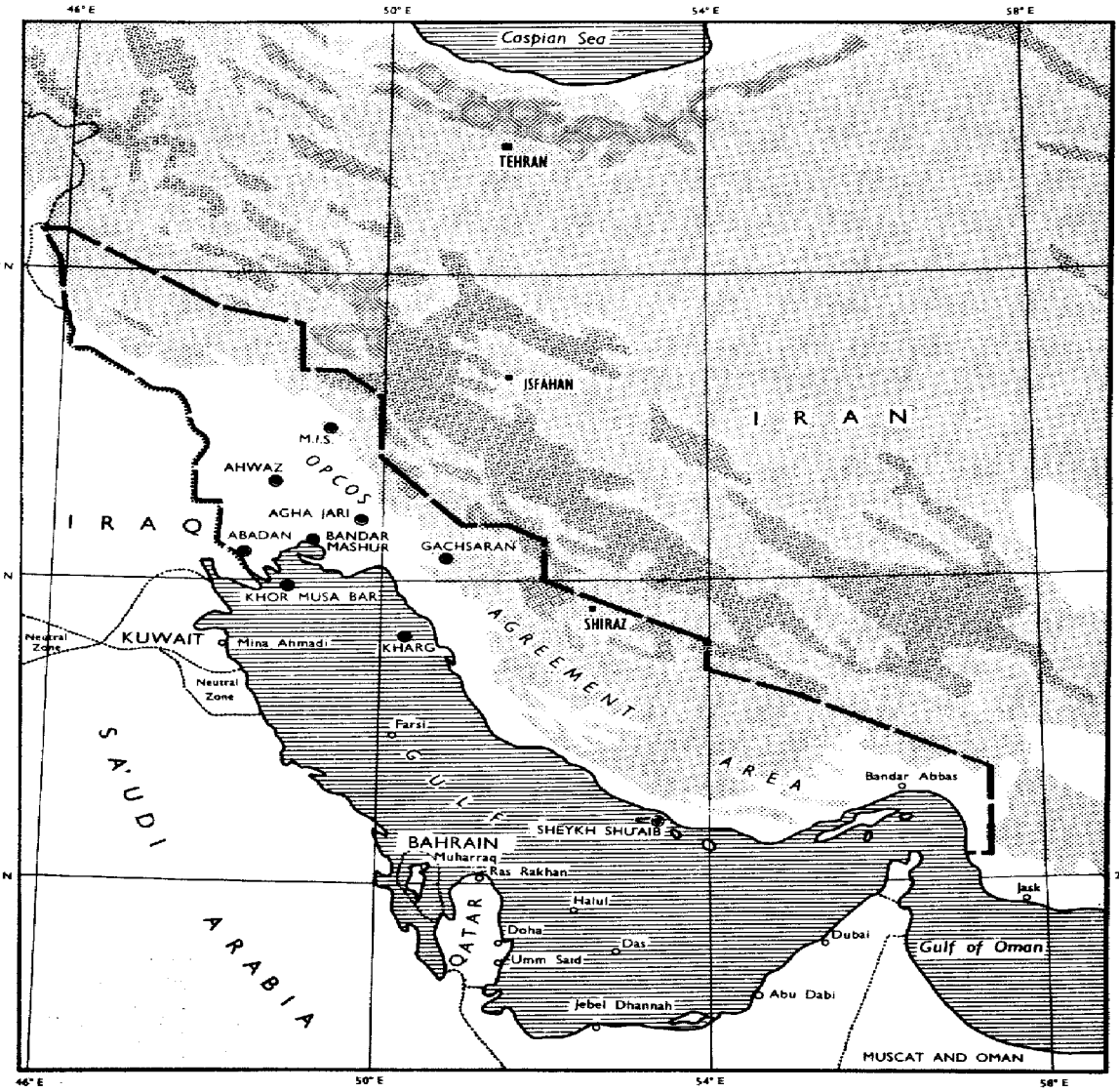
##

IRANIAN OIL OPERATING COMPANIES'
WEATHER STATIONS

50 0 100 200 300 400 500

Kilometres

SCALE 1 : 8,000,000



LEGEND

Company Weather Station	KHARG	NOTE : Khor Musa Bar, weekly recording anemograph only
Non - company Weather Station	Jebel Dhanneh	
Ground elevation over 500 metres AMSL		
Ground elevation over 2000 metres AMSL		
Companies' Agreement Boundary		NOTE : Boundary extends 3 statute miles offshore from mainland and adjacent islands
International Boundaries		

Met. Form No. 1

WEATHER BULLETIN

August 1964.

CONTENTS.

The following stations are included in this bulletin.

Station	Index Number	Latitude	Longitude	Height AMSL	Page
Masjid-i-Sulaiman (Airport) 1)	40 812	31°59' N	49°16' E	362 m.	5
Agha Jari (Ummidieh airport) 1)	40 833	30°44' N	49°40' E	29 m.	10
Gach Saran (Du Gombadan airport) 1)	40 835	30°20' N	50°50' E	709 m.	15
Ahwaz (Airport) 2)	-	31°20' N	48°45' E	21 m.	18
Abadan (IOOC airport) 2)	-	30°22' N	48°13' E	3 m.	21
Bandar Mashur (Marine Department) 3)	40 832	30°30' N	49°12' E	3 m.	24
Kharg Island (Airport) 1)	40 845	29°16' N	50°20' E	3 m.	29
Farsi Island (Imperial Navy) 4)	-	28°00' N	50°10' E	3 m.	34
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	36
Khor Musa (Instrument platform) 5)	-	30°00' N	49°02' E	6 m.	41

1) International Synoptic and Aeronautical Station.
2) Climatological and Aeronautical Station.
3) International Synoptic Station.
4) Climatological Station.
5) Wind recording only.

REMARKS.

See "Remarks" in the July 1964 bulletin.

As from this month, observations from Farsi Island will be included in the bulletin. The station is equipped with IOE&PC instruments and operated by the Imperial Navy on the behalf of NIOC. Observations are taken only at 0630.

WEATHER.

The following table gives the departures from the normal August values of certain meteorological elements (+ = higher than normal; - = lower than normal).

	Maximum Temperature °C	Minimum Temperature °C	Ground Minimum Temp. °C	Sun Maximum Temp. °C	Sea Temperature °C	Relative Humidity Average of day %	Station Pressure at 0930 mb
Masjid-i-Sulaiman	-0.4	+0.1		+1.7		-4	-1.9
Agha Jari	+1.1	-3.8		-2.5		-11	-1.4
Gach Saran	+0.4	-2.3	-0.7	-0.4		-2	-2.1
Ahwaz	+0.4	+1.4					
Abadan	-1.6	-1.7				-8	-1.4
Bandar Mashur	-0.8	-0.6		-0.5			-1.4
Kharg Island	-0.9	+0.3	-0.7	+2.9		-9	-1.2
Sheikh Shu'aib	-1.3	+0.6		+2.5	-1.3	+2	-1.9

Sharji (humid southerly winds) occurred fairly generally on the 18th, 22nd and 23rd.

OPTICAL PHENOMENA.

No optical phenomena were observed during the month.

EARTHTREMORS ETC.

Earthtremors were observed at the following occasions.

Date	Time	Station	Remarks
12th	2257	Agha Jari	
"	2310	" "	
26th	0910	" "	

T. Bergquist

T. Bergquist
Meteorologist
IMCOS Ltd.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month : August Year : 1964

Local Time : GMT + 3½ hrs.

STATION	Maximum Wind Velocity			Station Pressure (MSL) at 0930			Rainfall			Humidity						Sun Maximum Temperature			Sea Temp	Ground Min. Temperature			Minimum Temperature			Maximum Temperature		
				Monthly Lowest			Maximum in 24 hrs.			Rel. Hum. 0630 (avr.)	Rel. Hum. 1530 (avr.)	Rel. Hum. Daily avr.	Dew Point Depression at 0930	Vapour Pressure at 0930		Monthly Highest				Monthly Lowest			Monthly Lowest			Monthly Highest		
	Velocity	Direction																										
	kts.	degr.	Date	mb	Date		mm	Date		%	%	%	°C	mb		°C	Date		°C	°C	Date		°C	Date		°C	Date	
Masjid-i-Sulaiman	30	260	28	953.7	12	957.7	0.0	-	0.0	21	7	12	33.7	8.5	8	76.5	8	74.1		17.2	27	23.4	27	25.6	27	28.3	11	46.4
Agha Jari	37	290	1	991.7	13	995.5	0.0	-	0.0	36	10	20	25.7	12.9	29	82.3	29	77.9		17.1	26	22.1	27	18.7	27	23.6	7	48.6
Gach Saran				916.5	13	920.0	0.0	-	0.0	36	12	22	25.2	12.5	11	76.5	11	72.9		18.9	25	22.4	25	19.4	25	22.6	11	45.0
Ahwaz				991.3	13	995.2	0.0	-	0.0	44	14	25	20.6	15.2						18.6	27	23.4	27	21.5	27	25.0	7	47.8
Abadan				994.1	13	998.1	0.0	-	0.0	37	14	23	23.5	13.7						19.2	26	24.4	26	21.8	26	25.9	28	47.0
Bandar Mashur	36	310	20	993.0	11	997.2	0.0	-	0.0	52	17	34	17.5	18.1	28	78.2	28	74.1		24.2	26	28.1	10	23.5	10	25.9	29	43.7
Kharg Island	37	340	4	993.5	13	997.5	0.0	-	0.0	68	41	53	11.5	28.1	8	74.0	8	71.5					26	26.2	26	29.9	3	37.6
Parsi Island	21	140	14	994.2	13	998.2	0.0	-	0.0	80	66	75	5.4	38.8	6	78.9		73.3	32.6	26.2	28	29.0	15	27.2	27	30.4	9	38.8
Sheikh Shu'aib	36	320	20							85																29.5	5	37.2
Khor Musa																												

NUMBER OF DAYS WITH:

STATION	Cloudiness			24 Hour Rainfall						Thunderstorms	Dust (Vis.≤1km.)	Fog (Vis.≤1km.)	Horizontal Visibility									Minimum Temperature						Maximum Temperature		
	Daily Average	≤ 2/8 at 0930	≥ 7/8 at 0930	≥ 1 inch	≥ 10 mm	5.0 – 9.9 mm	1.0 – 4.9 mm	0.1 – 0.9 mm	≥ 0.1 mm				≥ 30 km.	15-30 km.	5-15 km.	2-5 km.	1-2 km.	500 - 1000 m.	200 - 500 m.	≤ 200 m.	≥ 35.0°C.	30.0 - 34.9°C.	20.0 - 29.9°C.	10.0 - 19.9°C.	0.0 - 9.9°C.	< 0.0°C.	≥ 45.0°C.	40.0 - 44.9°C.	30.0 - 39.9°C.	20.0 - 29.9°C.	10.0 - 19.9°C.	< 10.0°C.
Masjid-i-Sulaiman	0.0	31	0	0	0	0	0	0	0	0	2	0	0	8	15	4	2	2	0	0	0	2	29	0	0	0	9	22	0	0	0
Agha Jari	0.2	30	0	0	0	0	0	0	0	0	4	0	0	3	9	9	6	6	0	0	0	0	28	0	0	0	27	4	0	0	0
Gach Saran	0.3	31	0	0	0	0	0	0	0	0	6	0	0	5	9	10	1	4	2	2	0	3	28	0	0	0	2	28	1	0	0
Ahwaz	0.3	31	0	0	0	0	0	0	0	0	4	0	0	7	9	8	0	2	1	1	0	0	31	0	0	0	4	27	0	0	0
Abadan	0.8	30	1	0	0	0	0	0	0	0	11	6	0	8	10	6	1	7	3	1	0	0	31	0	0	0	8	22	1	0	0
Bandar Mashur	0.4	31	0	0	0	0	0	0	0	0	5	1	0	2	5	7	5	1	0	2	0	0	13	0	0	0	0	2	29	0	0
Kharg Island	0.5	29	2	0	0	0	0	0	0	0	4	1	11	7	9	6	11	8	1	1	0	0	18	0	0	0	0	0	31	0	0
Parsi Island	1.0	24	0	0	0	0	0	0	0	0	2	0	0	7	13	8	1	2	0	0	0	0	23	0	0	0	0	0	31	0	0
Sheikh Shu'aib																							9				0	0	31	0	0

48.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Masjid-i-Sulaiman

Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°59' N. | Long : 49°16' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	30.2	17.7	7.3	10.2	24	957.4	–	0	0	20	41.4	20.0	0.3	6.3	8	957.6	270	8	0	30	1
2	30.2	17.7	7.3	10.2	24	956.4	–	0	0	20	41.2	20.3	2.1	7.1	9	956.3	270	10	0	20	2
3	30.2	18.2	8.7	11.3	26	955.9	–	0	0	15	41.6	20.0	0.1	6.2	8	956.0	270	11	0	25	3
4	30.8	18.0	7.5	10.4	24	956.4	–	0	0	1.5	40.4	20.3	3.3	7.8	10	953.6	260	10	0	5	4
5	29.4	18.4	10.0	12.2	30	959.7	–	0	0	6	40.8	20.2	2.2	7.1	9	959.7	240	5	0	8	5
6	30.8	18.3	8.4	11.0	25	957.2	–	0	0	12	43.6	21.6	4.1	8.2	9	957.1	–	0	0	15	6
7	30.8	18.0	7.5	10.4	24	954.6	–	0	0	10	44.7	21.7	3.0	7.6	8	954.7	190	2	0	10	7
8	30.6	17.2	5.3	8.9	20	954.9	–	0	0	2	42.6	20.2	−0.8	5.7	7	956.3	–	0	0	6	8
9	30.6	16.8	4.0	8.2	19	957.3	–	0	0	3	42.4	20.8	2.4	7.3	9	957.2	210	4	0	10	9
10	28.5	16.0	4.1	8.3	21	954.8	–	0	0	0.6	42.2	19.8	−2.0	5.2	6	954.4	260	8	0	1	10
11	30.3	16.4	3.0	7.6	18	953.5	–	0	0	2	45.7	21.3	−0.5	5.9	6	953.1	240	8	0	2.5	11
12	31.6	17.1	3.6	7.9	17	953.7	–	0	0	5	44.2	21.2	1.5	6.8	7	953.3	–	0	0	8	12
13	32.4	18.2	6.2	9.5	20	952.8	–	0	0	4	44.0	21.4	2.7	7.5	8	953.2	270	5	0	4	13
14	32.0	18.5	7.6	10.6	22	956.6	–	0	0	6	42.6	23.0	10.2	12.5	15	957.6	200	6	0	6	14
15	30.3	19.2	11.3	13.4	31	960.2	–	0	0	6	43.8	22.2	6.2	9.5	11	958.8	270	4	0	8	15
16	31.1	18.2	7.8	10.6	23	957.0	–	0	0	10	44.7	22.2	5.1	8.8	9	955.9	270	10	0	15	16
17	30.8	16.8	3.6	8.0	18	954.5	–	0	0	6	43.4	20.4	−1.1	5.7	6	955.2	240	10	0	6	17
18	28.5	16.2	4.7	8.6	22	957.0	–	0	0	15	41.0	20.5	3.3	7.8	10	957.5	220	10	0	20	18
19	28.8	15.0	−0.1	6.0	15	957.4	–	0	0	15	42.0	19.5	−3.2	4.7	6	957.7	150	3	1	15	19
20	27.4	16.0	5.6	9.1	25	956.7	–	0	0	20	41.5	20.8	3.9	8.1	10	958.3	270	8	0	15	20
21	29.3	16.0	2.9	7.6	19	956.4	–	0	0	1	41.0	19.2	−2.8	4.9	6	957.3	290	2	0	1.5	21
22	32.4	17.7	4.6	8.5	18	958.8	–	0	0	5	41.5	20.2	1.1	6.6	8	958.9	100	3	0	6	22
23	28.2	16.6	6.4	9.7	25	958.3	–	0	0	8	41.9	20.6	2.5	7.4	9	958.3	270	6	0	12	23
24	28.7	15.5	2.1	7.1	18	957.3	–	0	0	12	42.2	20.0	−1.0	5.6	7	957.3	270	8	0	15	24
25	28.8	15.8	3.0	7.6	19	957.5	–	0	0	15	42.2	19.2	−5.4	3.9	5	957.7	270	8	0	20	25
26	27.6	16.3	6.2	9.5	26	959.0	–	0	0	20	41.8	20.6	2.4	7.3	9	958.6	–	0	0	20	26
27	26.0	15.0	4.2	8.3	25	958.8	–	0	0	15	41.0	18.3	−8.9	2.9	4	959.9	270	5	0	20	27
28	28.6	14.0	−4.2	4.3	11	960.0	–	0	0	15	42.2	18.6	−10.4	2.5	3	960.3	240	10	0	20	28
29	28.5	15.6	2.7	7.4	19	958.9	–	0	0	20	44.0	20.0	−4.6	4.2	5	957.4	340	12	0	30	29
30	29.7	16.1	2.8	7.5	18	957.2	–	0	2	12	43.2	22.8	9.0	11.5	13	958.1	–	0	0	20	30
31	30.4	16.2	2.0	7.1	16	959.8	–	0	0	20	43.0	21.5	4.5	8.4	10	960.9	240	4	0	8	31
Av.	29.8	16.9	5.0	8.9	21	957.0	–	0	0	10	42.5	20.6	0.9	6.8	8	957.0	–	6	0	13	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Masjid-i-Sulaiman

Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°59' N. | Long : 49°16' E.

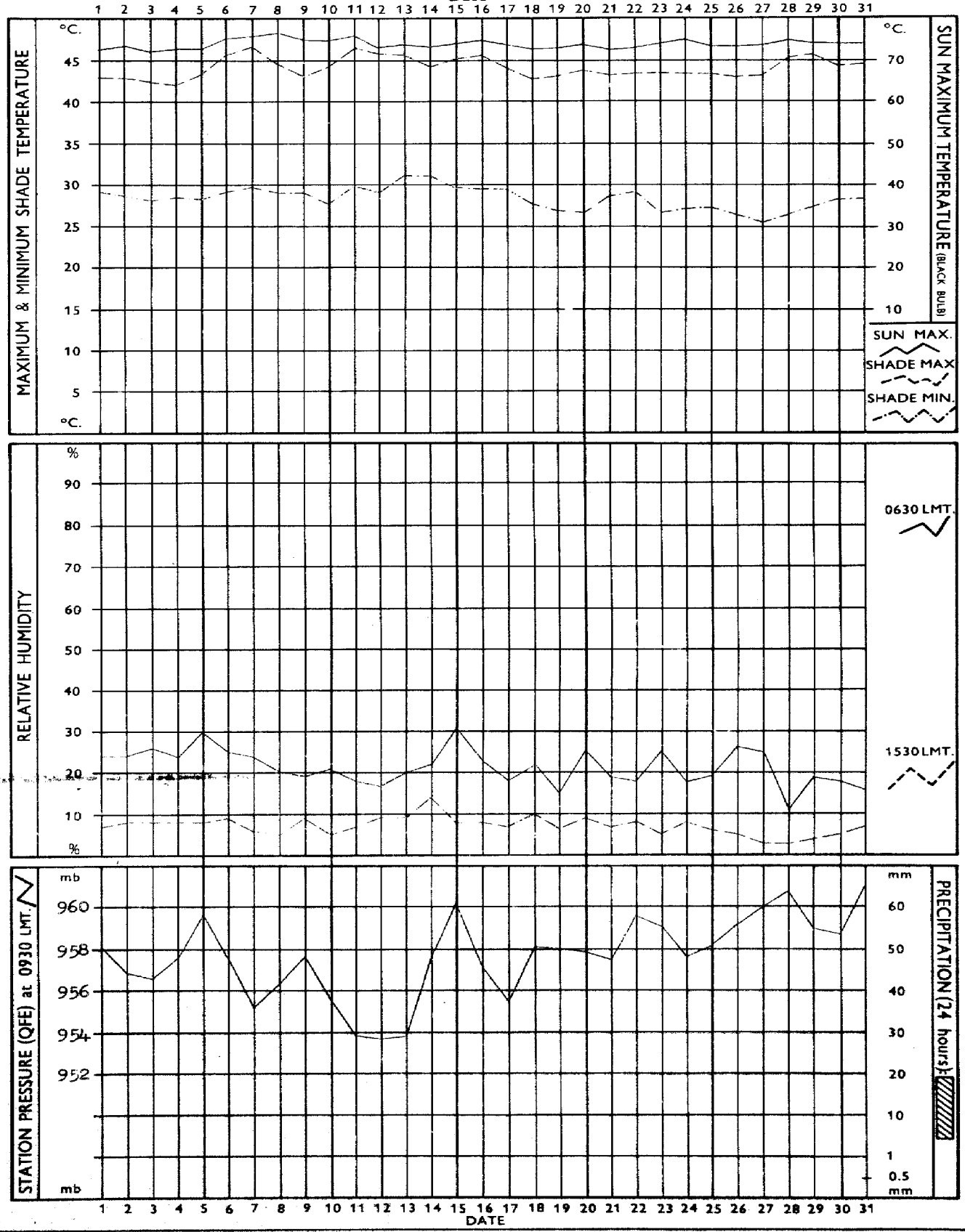
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
41.0	19.2	-2.9	4.8	6	956.0	260	10	0	30		43.1	29.0	23.2	73.0	250	18	0	Clear	1
41.0	19.0	-4.0	4.4	6	954.6	230	4	0	10		43.0	28.7	21.5	73.5	240	15	0	Haze	2
40.0	19.5	0.4	6.3	9	955.2	240	5	0	20		42.5	28.0	20.7	72.0	310	19	0	Clear	3
39.8	19.4	0.2	6.2	8	957.1	260	4	0	10		42.2	28.6	22.3	73.0	250	18	0	Haze	4
41.6	20.2	1.0	6.4	8	957.7	260	5	0	8		43.4	28.3	21.7	73.0	250	17	0	"	5
43.6	21.2	2.4	7.3	8	955.7	240	4	0	10		45.7	29.1	21.6	75.3	250	13	0	"	6
43.7	20.6	-0.6	5.8	6	954.0	260	4	0	20		46.3	29.6	22.6	75.8	300	15	0	"	7
42.0	20.3	0.8	6.5	8	955.3	260	2	0	20		44.8	29.2	23.3	76.5	210	10	0	"	8
41.2	19.3	-2.8	4.9	6	955.0	230	8	0	18		43.3	29.1	24.4	74.8	240	14	0	"	9
42.0	20.0	-0.7	5.7	7	952.6	240	5	0	4		44.3	27.8	22.2	74.8	250	13	0	Dust	10
43.0	21.0	2.3	7.2	8	951.6	260	5	0	5		46.4	29.7	22.6	76.3	260	16	0	Haze	11
42.8	21.0	2.7	7.5	9	952.2	260	4	0	3		46.0	29.1	22.7	73.3	260	20	0	"	12
43.5	21.5	3.8	8.0	9	953.1	250	5	0	3		45.8	31.0	25.9	74.0			0	"	13
41.4	21.3	5.8	9.3	12	957.6	210	8	0	8		44.2	31.0	21.2	73.5	190	18	0	"	14
42.0	20.7	2.7	7.4	9	956.9	270	8	0	8		45.1	29.5	23.8	74.1	270	16	0	"	15
42.6	20.8	2.2	7.2	8	953.6	240	2	0	20		45.8	29.4	20.9	75.1	250	14	0	"	16
41.5	19.7	-1.2	5.6	7	954.5	260	8	0	30		44.1	29.3	23.1	74.2	210	14	0	"	17
39.8	19.0	-1.6	5.4	7	957.0	270	8	0	20		42.8	27.6	20.7	72.9	260	16	0	Clear	18
40.7	19.2	-2.3	5.1	7	957.0	-	0	0	25		43.1	26.8	21.3	73.0	160	13	0	"	19
41.4	19.6	-1.6	5.4	7	956.7	240	4	0	8		43.7	26.3	18.8	74.0	250	14	0	Haze	20
40.2	20.1	2.8	7.5	10	957.0	260	2	0	2.5		43.2	28.6	22.2	72.9	250	15	0	Dust	21
40.8	19.8	0.4	6.3	8	957.5	230	4	0	6		43.4	29.1	23.3	73.2	200	14	0	Haze	22
40.4	19.2	-1.7	5.8	7	956.8	230	5	0	12		43.5	26.8	19.4	74.2	220	16	0	"	23
41.0	20.0	1.1	6.6	8	955.9	250	4	0	15		43.4	27.1	19.4	75.2	250	16	0	Clear	24
40.4	19.8	1.2	6.7	9	957.1	-	0	0	20		43.4	27.3	19.8	73.3	290	16	0	"	25
39.8	18.7	-3.2	4.7	6	958.8	260	2	0	30		43.0	26.5	18.9	73.5	260	25	0	"	26
40.2	18.3	-6.6	3.6	5	958.5	270	6	0	20		43.2	25.6	17.2	73.8	300	17	0	"	27
41.0	19.0	-4.0	4.4	6	959.1	270	10	0	20		45.2	26.5	20.3	74.8	260	30	0	"	28
42.0	19.4	-3.9	4.4	5	956.1	260	5	0	30		45.8	27.3	19.4	74.3	300	21	0	"	29
40.6	20.0	1.7	6.9	9	957.2	270	2	0	30		44.4	28.2	19.8	74.0	250	12	0	"	30
41.3	20.5	2.9	7.6	10	959.5	-	0	0	5		44.5	28.2	21.2	74.3	210	12	0	Haze	31
41.4	19.9	-0.1	6.1	8	956.0	-	5	0	15		44.1	28.3	23.4	74.1					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

7.

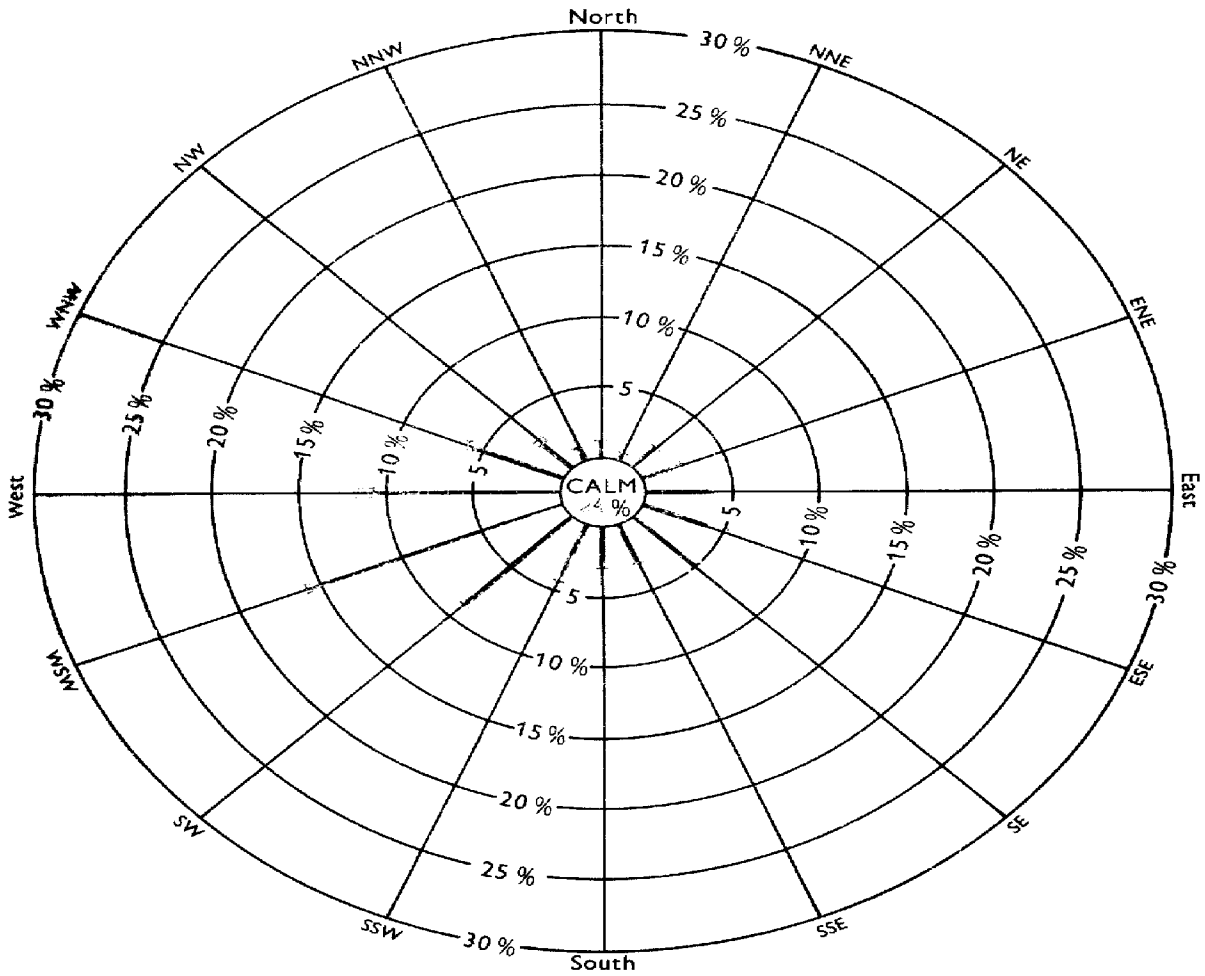
IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: August	Year: 1964
		Station: Masjid-i-Sulaiman	
Ground Level: 362 m. AMSL	Local Time: GMT + 3½ hrs.	Lat: 31°59' N.	Long: 49°16' E.



51.

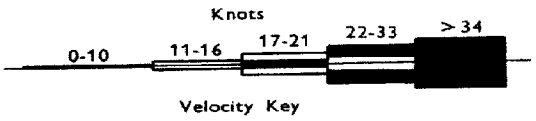
Met. Form 4

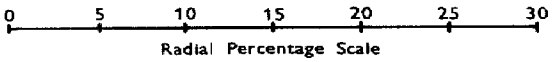
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : August	Year : 1954
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Hours in month 744

Hours recorded 720





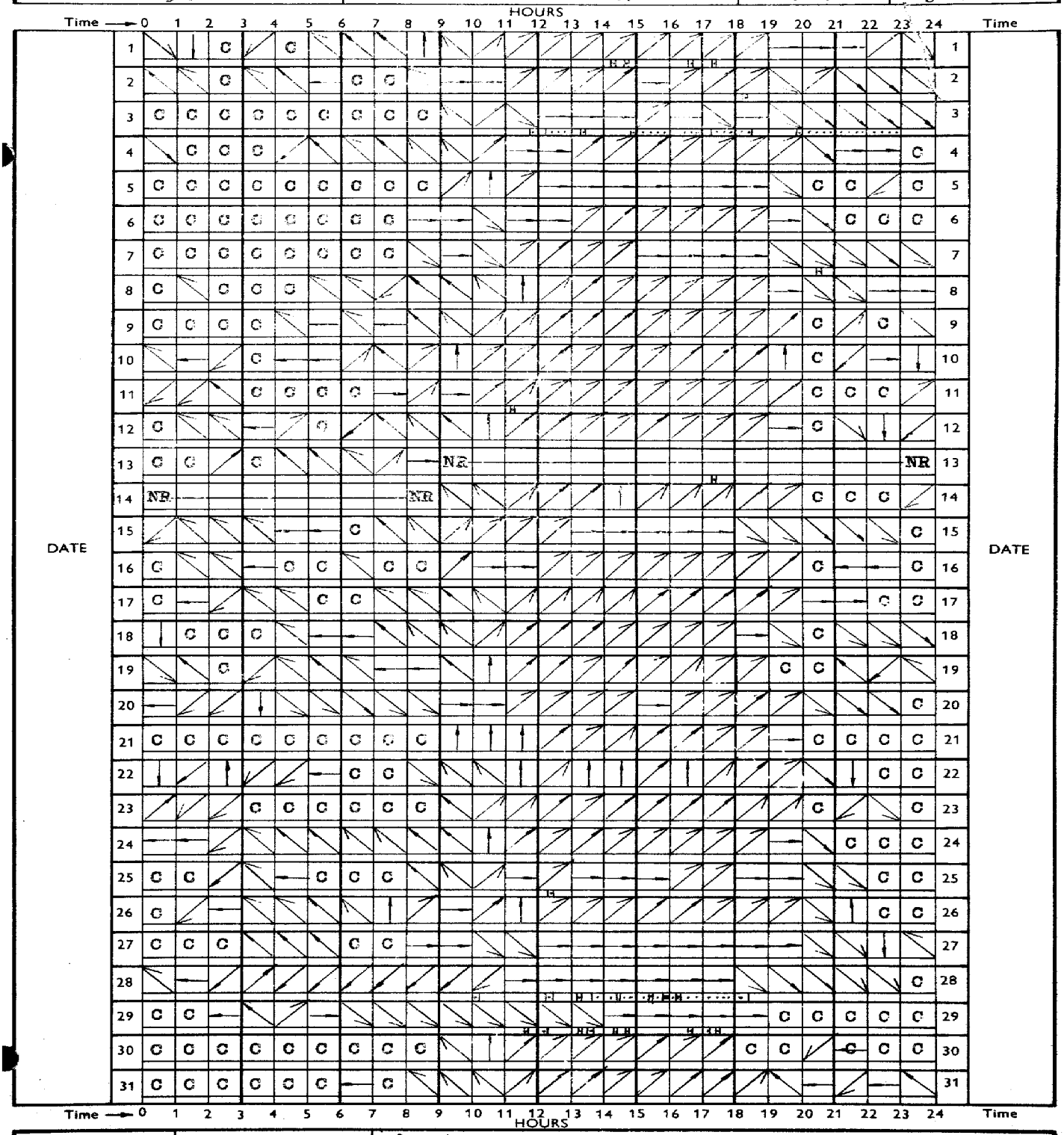
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

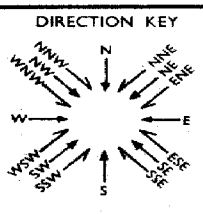
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : August	Year : 1964
		Station : Masjid-i-Suleiman	
Ground Level : 362 m AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Agha Jari

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long : 49°40' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	27.8	17.8	10.1	12.4	33	995.0	–	0	0	15	43.4	24.0	12.3	14.4	16	995.0	260	6	0	15	1
2	26.4	18.0	11.8	13.9	41	993.9	–	0	0	15	44.8	26.4	17.2	19.7	21	993.5	310	10	0	30	2
3	28.0	17.4	8.9	11.4	30	993.5	–	0	0	15	44.0	21.4	2.7	7.4	8	993.4	280	8	0	30	3
4	26.8	18.0	11.4	13.6	39	995.0	–	0	0	2	42.2	23.4	12.5	14.6	19	995.6	280	10	0	6	4
5	27.3	19.2	13.8	15.8	44	996.9	–	0	0	6	43.0	24.5	14.0	16.0	19	997.0	330	12	0	6	5
6	23.9	17.0	11.9	14.0	47	994.7	–	0	0	8	44.5	26.4	17.4	19.9	21	994.6	320	6	0	10	6
7	23.8	17.0	11.9	14.0	48	992.0	–	0	0	15	45.4	26.5	17.1	19.5	20	992.0	280	5	0	8	7
8	26.0	18.0	12.2	14.3	43	993.4	–	0	1	5	43.0	24.8	14.7	16.7	19	993.8	310	14	0	12	8
9	27.2	18.6	12.5	14.5	40	995.1	–	0	0	5	41.6	24.3	14.4	16.5	21	995.0	260	4	0	10	9
10	25.0	16.6	9.6	12.2	39	993.5	–	0	0	5	39.4	24.2	15.9	18.1	25	992.4	–	0	0	6	10
11	25.0	17.6	12.2	14.3	45	991.7	–	0	0	3	42.2	26.0	18.0	20.6	25	991.2	240	5	0	3	11
12	26.8	21.5	18.6	21.5	61	991.6	–	0	0	1.5	43.9	26.6	18.3	21.0	23	991.1	190	6	0	2	12
13	24.8	15.9	8.3	11.0	35	990.9	–	0	0	1.5	42.8	23.1	10.3	12.5	15	990.6	–	0	0	2	13
14	27.5	20.3	15.9	18.1	49	994.8	–	0	0	2	42.1	24.6	14.9	17.0	21	995.3	180	18	0	2	14
15	27.1	21.5	18.4	21.2	59	997.8	–	0	0	3	44.0	21.7	4.0	8.2	9	996.1	310	14	0	7	15
16	25.2	15.4	6.4	9.7	30	994.8	200	2	0	10	43.2	21.8	5.4	9.0	10	993.4	320	6	0	12	16
17	22.7	13.1	2.7	7.5	27	992.5	–	0	0	2.5	42.3	20.6	1.7	7.0	8	993.0	200	6	0	6	17
18	23.8	15.9	9.4	11.8	39	994.9	–	0	0	8	41.6	21.6	6.7	9.8	12	995.1	–	0	0	8	18
19	25.3	14.9	4.7	8.6	27	994.8	320	4	1	12	43.2	19.7	-4.5	4.2	5	995.7	280	10	0	12	19
20	23.0	12.5	0.0	6.2	22	994.7	–	0	0	5	40.2	20.7	5.1	8.8	12	996.1	–	0	0	6	20
21	26.4	14.9	3.3	7.7	22	994.8	–	0	0	2	40.7	20.2	2.3	7.3	10	995.3	170	12	0	3	21
22	25.3	16.9	10.2	12.5	39	996.6	–	0	0	10	42.2	20.7	2.2	7.2	9	996.7	150	6	0	10	22
23	21.7	14.7	8.5	11.1	43	996.0	–	0	0	6	43.9	21.4	2.8	7.5	8	995.8	280	6	0	8	23
24	21.5	12.4	2.2	7.2	28	994.6	–	0	0	10	43.0	22.0	6.4	9.7	11	994.7	210	6	0	10	24
25	23.0	15.0	7.9	10.7	38	995.3	–	0	0	6	43.2	21.0	2.2	7.2	8	995.1	–	0	0	8	25
26	20.3	11.4	0.6	6.4	27	996.7	–	0	0	10	42.0	19.6	-2.7	4.9	6	996.6	270	6	0	12	26
27	18.9	9.6	-3.6	4.6	21	996.9	–	0	0	15	42.4	19.2	-6.1	3.7	4	997.0	270	2	0	20	27
28	24.2	12.1	-3.9	4.5	15	996.8	100	2	0	2	46.0	19.8	-12.5	2.1	2	996.6	250	15	0	3	28
29	27.1	14.5	0.7	6.5	18	995.4	–	0	0	15	47.0	20.4	-9.5	2.8	3	994.2	330	15	0	30	29
30	23.5	14.0	4.4	8.4	29	995.5	–	0	0	15	44.2	20.1	-4.3	4.3	5	995.6	310	10	0	8	30
31	24.3	13.6	1.9	7.1	23	997.7	140	2	0	1.5	41.7	20.7	3.0	7.6	9	997.5	180	12	0	1.5	31
Av.	24.8	15.5	7.8	11.4	36	994.8	–	0	0	7	43.0	22.5	6.5	11.1	13	994.7	–	7	0	10	Av.

* Value obtained from recording instrument.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy : Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: August Year: 1964

Station: Agha Jari

Ground Level: 29 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 30°44' N. | Long: 49°40' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
43.1	24.0	12.6	14.6	17	992.9	310	20	0	2		46.3	25.6	23.7	81.0	290	37	0	Haze	1
43.0	22.4	7.8	10.6	12	991.3	300	10	0	20		46.5	25.4	22.7	78.6	300	27	0	Clear	2
43.8	21.9	5.1	8.8	10	991.4	290	10	0	30		47.0	26.3	24.5	76.4	310	31	0	"	3
42.8	24.3	13.6	15.6	18	994.1	280	5	0	6		44.4	26.2	24.5	77.2	320	15	0	Dust	4
43.0	25.0	15.2	17.3	20	994.3	290	14	0	10		46.8	26.1	22.6	78.4	330	27	0	Haze	5
45.5	27.0	18.2	20.9	21	992.5	310	5	0	15		47.5	23.6	22.9	82.1	340	19	0	"	6
46.1	26.0	15.4	17.5	17	990.1	310	18	0	1.5		48.6	25.6	22.4	79.4	310	30	0	"	7
44.0	25.4	15.4	17.5	19	991.6	320	25	0	4		47.4	24.9	22.3	79.6	330	30	0	"	8
43.7	25.1	14.9	17.0	19	992.1	300	29	X	0.0		46.5	25.7	23.0	81.5	310	33	0	Sandst.	9
44.4	27.2	19.2	22.4	24	989.2	330	12	0	6		47.7	24.6	23.1	79.8	320	22	0	Haze	10
44.6	26.8	18.3	21.0	22	989.4	–	0	0	5		47.2	24.7	23.9	78.6	160	12	0	"	11
44.8	26.5	17.6	20.1	21	989.0	230	4	0	4		46.8	26.4	25.7	77.2	160	14	0	Dust	12
45.5	21.7	1.8	7.0	7	989.1	270	6	0	5		47.0	24.4	22.7	80.0	300	14	0	Haze	13
41.7	21.7	6.9	10.0	12	995.0	150	6	0	5		45.3	25.3	24.9	69.2	190	24	0	"	14
43.9	21.4	2.8	7.5	8	993.6	310	16	0	5		48.0	26.1	24.6	72.3	310	27	0	"	15
43.5	20.6	-0.2	6.0	7	990.6	300	20	0	1.5		48.0	24.8	23.5	76.5	310	24	0	"	16
43.7	21.1	1.7	7.0	8	991.6	–	0	0	15		46.5	22.2	21.2	75.5	280	14	0	"	17
43.6	20.2	-2.6	4.9	6	993.5	320	10	0	12		45.6	23.0	21.1	74.3	340	14	0	"	18
43.1	19.6	-5.0	4.1	5	994.2	300	4	0	12		45.5	24.8	23.0	78.0	330	19	0	Clear	19
43.5	20.3	-1.8	5.3	6	993.9	320	20	X	0.1		45.6	21.9	21.0	77.0	310	35	0	Sandst.	20
39.3	20.1	4.0	8.2	12	994.3	130	10	0	10		43.6	26.1	25.5	76.8	190	18	0	Haze	21
43.5	21.5	3.8	8.1	9	994.9	–	0	0	10		45.2	22.3	21.0	75.1	220	12	0	"	22
42.6	20.1	-1.2	5.6	7	993.6	300	8	0	15		46.5	21.5	19.8	77.4	300	8	0	"	23
42.9	21.2	3.3	7.8	9	993.0	310	4	0	10		46.2	20.9	19.3	80.2	330	13	0	"	24
41.5	18.2	-11.6	2.3	3	994.2	250	10	0	4		46.4	21.2	19.1	79.1		19	0	"	25
42.2	19.3	-5.0	4.1	5	995.6	250	8	0	40		45.6	19.0	17.1	79.2	280	13	0	"	26
40.9	17.4	-19.5	1.1	1	995.8	340	12	0	8		45.6	18.7	18.1	77.2	340	20	0	"	27
44.0	19.5	-8.2	3.1	3	995.2	330	24	0	3		48.2	21.9	19.6	81.5	340	16	0	"	28
43.5	19.5	-6.7	3.5	4	992.6	320	8	0	30		48.5	19.7	19.6	82.3	320	28	0	Clear	29
42.3	19.3	-5.4	3.9	5	994.4	290	8	0	2.5		46.5	23.1	21.4	79.1	320	22	0	Haze	30
38.7	19.2	1.2	6.7	10	997.5	180	4	0	4		44.8	23.0	22.6	79.1	180	25	0	"	31
43.2	22.0	4.2	10.0	11	992.9	–	10	1	10		46.5	23.6	22.1	77.9					Av.

CODE FOR REMARKS (continued)

Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

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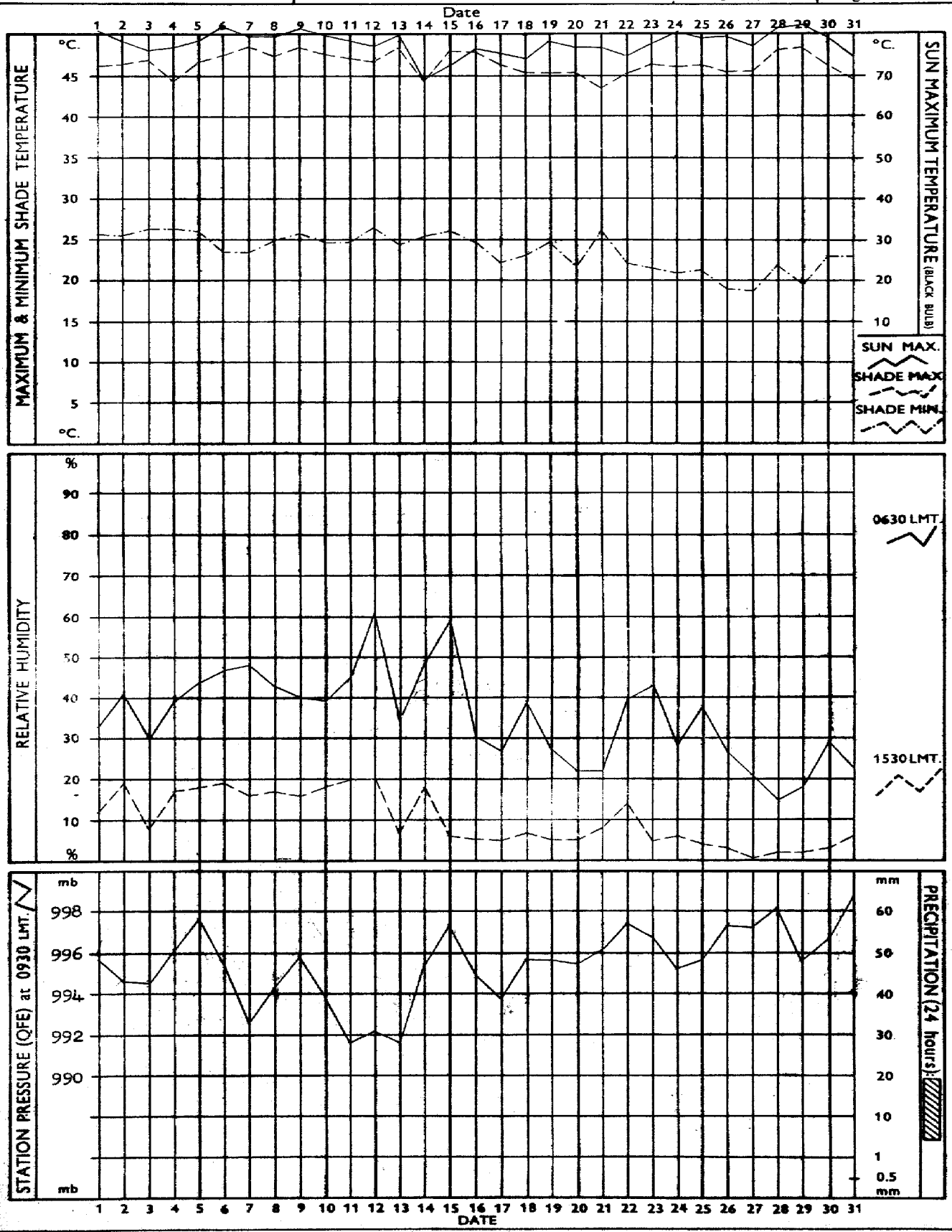
IRANIAN OIL OPERATING COMPANIES

CLIMATOLOGICAL GRAPH

Month: August 1962

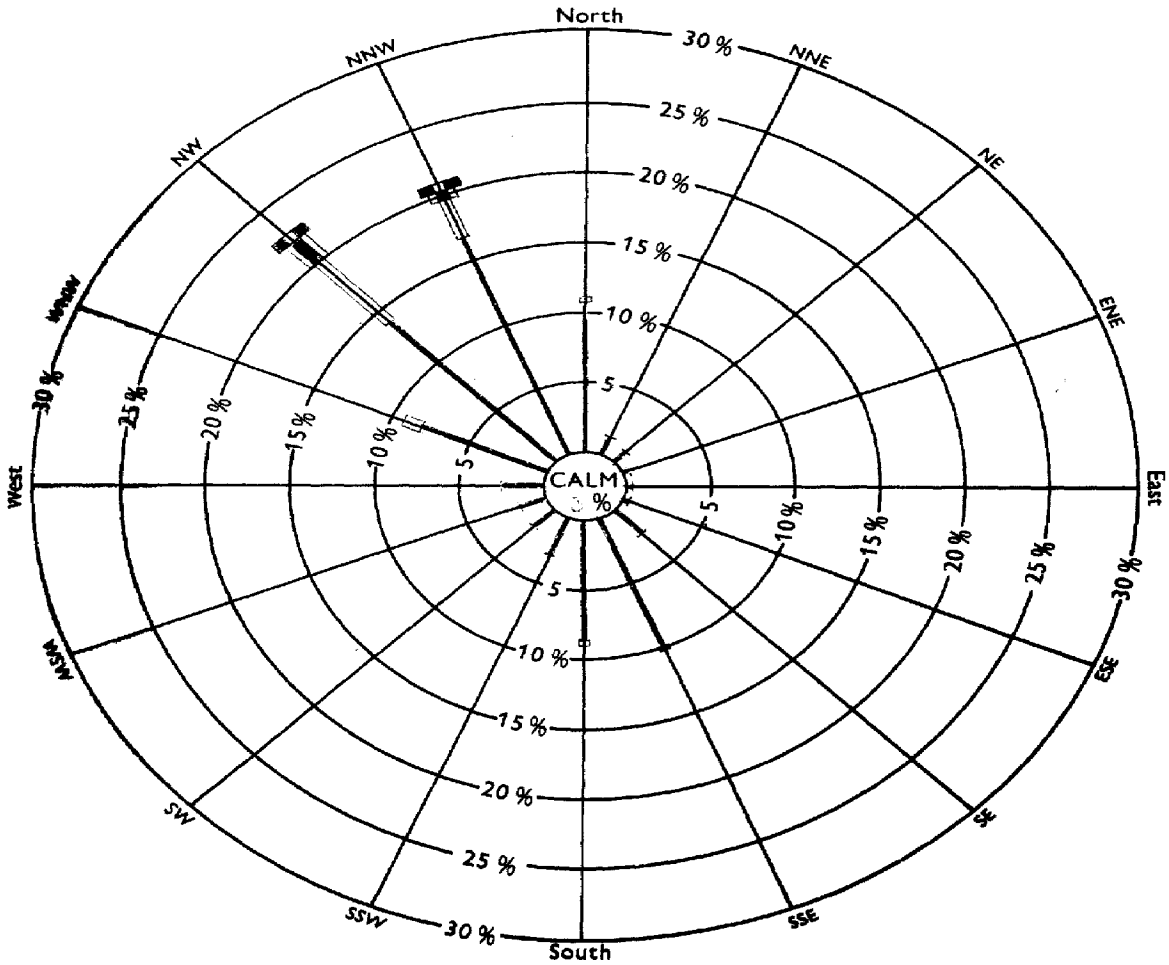
Station: Agha Jari

Ground Level: 29 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 30°44' N. | Long: 49°49' E.



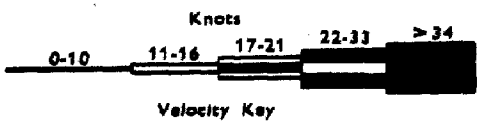
Met. Form 4

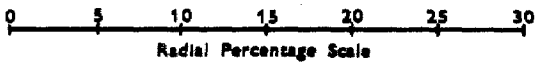
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : August	Year : 1964
		Station : Agha Jari.	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Hours in month 744

Hours recorded 721





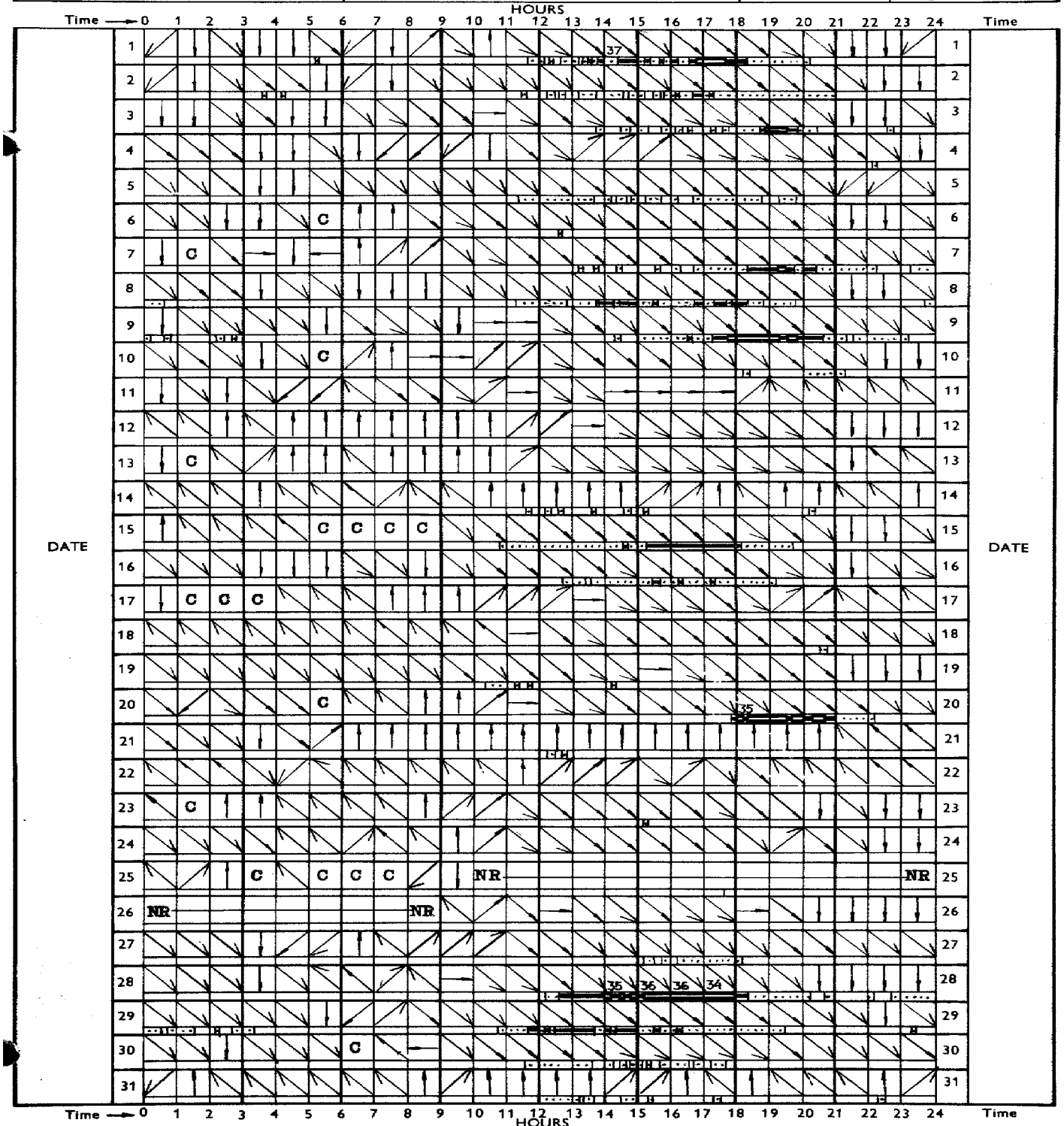
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks : The wind directions NW, NNW and N constitute together 54.8 % of all observations.

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : August	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



VELOCITY KEY		DIRECTION KEY
C	Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW
	1-10 Knots	
	11-16	
	17-21	
	22-33	
	> 34	
NR	No Record.	

3 40 4 Example : From 0300 to 0400 hrs. NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	24.3	15.8	8.6	11.2	37	919.9	–	0	0	10	38.0	20.9	8.4	11.1	17	919.7	270	14	0	15	1
2	23.5	15.5	8.7	11.2	39	918.4	–	0	0	6	39.0	21.3	8.6	11.2	16	918.2	270	10	0	20	2
3	24.1	16.0	9.3	11.7	39	917.9	–	0	0	6	37.7	18.7	0.6	6.4	10	918.1	260	8	0	12	3
4	23.7	14.1	4.4	8.4	29	919.0	–	0	0	4	37.5	19.5	4.3	8.3	13	919.5	280	12	0	2	4
5	24.3	15.9	8.7	11.3	37	921.1	170	3	0	2	40.0	20.8	5.6	9.1	12	921.0	250	12	0	4	5
6	23.3	14.8	7.0	10.0	35	919.9	–	0	1	10	43.0	22.0	6.4	9.7	11	919.4	290	6	0	10	6
7	26.4	15.8	6.2	9.5	28	917.4	150	5	3	12	44.2	23.1	8.9	11.4	12	917.0	210	9	0	12	7
8	26.4	17.0	9.5	11.9	35	917.6	–	0	2	1.2	43.0	22.8	11.0	13.2	17	918.8	280	8	0	3	8
9	23.0	15.3	8.6	11.2	40	919.8	–	0	0	3	39.7	21.8	9.4	11.8	16	920.2	300	12	0	7	9
10	25.6	16.0	7.6	10.5	32	918.1	–	[illegible]	X	0.4	40.0	23.4	13.5	15.5	21	916.9	290	6	0	1.4	10
11	23.8	15.0	7.0	10.0	34	916.3	–	0	0	3	43.6	20.9	1.1	6.6	7	915.9	150	7	0	7	11
12	25.6	16.7	9.6	12.0	36	916.7	–	0	0	2	42.5	21.4	4.8	8.6	10	916.0	–	0	0	5	12
13	25.8	16.4	8.6	11.1	34	916.0	180	6	0	3	43.6	21.6	4.1	8.2	9	915.3	170	9	0	7	13
14	25.0	17.8	12.6	14.6	46	919.4	–	0	0	3	40.3	22.8	11.7	13.7	18	920.3	260	14	0	2	14
15	24.2	17.3	12.3	14.2	47	921.5	–	0	0	1	40.5	23.1	12.3	14.4	19	920.1	270	12	0	2	15
16	24.0	15.2	7.3	10.3	35	919.2	–	0	0	5	41.2	22.5	10.0	12.3	16	917.8	250	10	0	10	16
17	24.5	15.5	7.6	10.4	34	917.3	–	0	0	0.8	40.5	22.8	11.5	13.6	18	917.7	270	10	0	3	17
18	22.8	16.0	10.5	12.7	46	919.5	–	0	0	12	39.0	23.2	13.8	15.9	23	919.4	240	10	0	12	18
19	22.0	15.0	8.9	11.4	43	919.3	–	0	2	15	39.0	19.4	1.6	6.9	10	920.2	240	10	1	15	19
20	21.5	12.7	3.1	7.7	30	919.3	–	0	0	10	39.1	19.7	2.7	7.5	11	920.2	240	8	0	15	20
21	25.6	15.6	6.6	9.7	30	9[illegible].9	–	0	0	0.3	38.8	20.5	6.2	9.5	14	920.0	–	0	0	0.7	21
22	24.1	14.9	6.2	9.6	32	920.7	–	0	0	4	39.0	21.0	7.7	10.5	15	921.3	180	6	0	2	22
23	23.4	16.1	10.2	12.5	44	920.7	–	0	0	6	39.3	21.6	9.2	11.7	16	920.6	–	0	0	6	23
24	20.6	12.8	4.7	8.6	35	919.7	–	0	0	15	39.4	20.9	6.8	9.9	14	919.6	280	7	0	30	24
25	20.2	13.0	5.8	9.2	39	920.1	–	0	0	15	38.9	20.7	6.7	9.9	14	920.1	170	6	0	20	25
26	22.5	13.9	5.4	9.0	33	921.5	–	0	0	6	40.0	22.0	9.7	12.0	16	921.0	320	7	0	12	26
27	20.4	14.1	8.4	11.1	46	921.3	–	0	0	15	40.1	22.2	10.2	12.5	17	921.3	300	4	0	20	27
28	21.2	12.2	2.0	7.0	28	922.1	–	0	0	20	40.3	22.5	10.9	13.1	18	922.4	180	4	0	20	28
29	23.0	13.0	1.8	7.0	25	920.3	–	0	0	10	41.6	20.4	1.8	7.0	9	919.2	270	6	0	15	29
30	23.7	15.0	7.1	10.1	35	919.9	–	0	0	20	43.0	19.6	-4.9	4.1	5	920.0	060	8	0	20	30
31	22.7	13.2	3.0	7.6	28	922.2	–	0	0	6	41.1	20.0	0.9	6.5	8	922.1	–	0	0	15	31
Av.	23.6	15.1	7.3	10.4	36	919.1	–	1	1	7	40.4	21.4	7.0	10.4	14	919.3	–	8	0	10	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
36.0	21.5	12.0	14.0	24	918.4	260	14	0	4		40.6	23.5	23.0	71.0			0	Haze	1
38.2	21.1	8.8	11.4	17	916.4	270	15	0	20		41.2	22.7	21.8	71.5			0	"	2
36.5	19.4	5.2	8.9	15	917.1	260	14	0	12		40.7	23.6	23.0	71.0			0	"	3
36.4	18.6	2.2	7.2	12	919.5	260	16	0	10		39.6	22.8	23.0	70.2			0	"	4
38.6	20.0	4.7	8.5	12	919.5	280	14	0	8		41.6	23.4	23.4	72.4			0	Dust	5
40.0	21.1	6.9	9.9	13	918.1	270	14	0	10		44.0	23.0	23.0	74.0			0	Haze	6
40.8	22.0	8.9	11.4	15	916.2	250	12	3	10		44.6	23.0	22.8	75.0			0	"	7
40.3	21.5	7.8	10.6	14	917.2	270	15	0	10		43.3	25.7	25.0	73.6			0	Dust	8
38.6	21.5	9.6	12.0	18	917.0	270	10	0	4		42.3	22.0	22.0	72.7			0	Haze	9
38.1	18.5	-1.1	5.6	8	915.3	250	10	0	1.5		42.0	25.0	24.8	73.0			0	Dust	10
38.7	20.7	7.1	10.1	15	915.7	270	10	0	1.5		45.0	23.3	22.6	76.5			0	Haze	11
37.8	21.7	11.0	13.1	20	915.1	270	14	0	2		44.0	24.1	24.0	76.0			0	"	12
39.0	22.5	12.0	14.1	20	915.7	270	13	0	3		45.0	24.0	23.5	76.5			0	"	13
36.0	23.8	17.3	19.7	33	920.5	260	12	X	0.7		41.6	24.1	24.0	72.0			0	Dust	14
39.7	21.5	8.4	11.1	15	919.0	310	15	0	4		42.0	23.5	23.7	71.8			0	"	15
39.8	22.0	9.9	12.2	17	916.5	280	13	0	12		44.0	23.4	23.4	74.0			0	Haze	16
37.0	23.0	14.8	16.9	27	917.4	270	15	0	7		41.5	24.0	23.7	72.0			0	Dust	17
37.5	22.8	14.0	16.0	25	918.3	270	18	0	15		41.0	21.6	21.4	71.0			0	Clear	18
37.4	17.8	-3.2	4.7	7	919.3	270	16	0	15		41.1	21.3	21.0	72.1			0	Fair	19
37.0	18.6	1.2	6.7	11	919.2	270	12	0	6		41.0	20.8	20.5	72.0			0	Haze	20
36.0	20.1	8.1	10.8	18	919.4	260	8	0	2		40.7	24.3	24.5	71.1			0	Dust	21
37.3	21.0	9.4	11.9	19	920.0	270	10	0	5		41.4	23.3	24.5	71.7			0	Haze	22
37.8	19.7	4.4	8.4	13	918.7	260	10	0	12		41.7	22.0	22.0	73.0			0	"	23
36.6	20.2	7.7	10.5	17	918.5	250	12	0	20		41.8	19.5	19.0	73.0			0	Clear	24
37.0	19.6	5.3	8.9	14	919.5	260	10	0	20		41.3	19.4	18.9	73.0			0	"	25
36.4	20.7	9.5	11.9	20	920.4	270	10	0	20		41.4	20.3	20.3	72.0			0	Haze	26
37.2	20.9	9.2	11.7	18	920.6	260	12	0	20		41.2	19.6	19.4	71.5			0	Clear	27
38.9	18.9	-0.6	5.8	8	920.6	260	7	0	15		43.0	20.0	19.6	73.4			0	"	28
39.6	20.4	4.7	8.6	12	918.0	280	13	0	20		43.3	22.0	21.4	74.0			0	Haze	29
38.3	18.3	-2.3	5.0	7	919.8	260	12	0	15		44.0	22.5	22.5	75.0			0	Clear	30
36.0	20.0	7.8	10.6	18	922.7	270	7	0	2		43.4	21.7	21.4	75.0			0	Haze	31
37.9	20.6	7.1	10.6	16	918.4	-	12	0	10		42.2	22.6	22.4	72.9					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : August	Year : 1964
		Station : Gach Saran	
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°20' N.	Long : 50°50' E.

Met. Form 4

4.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	26.9	19.8	15.3	17.3	49	995.1	–	0	0	20	43.4	24.2	12.9	14.9	17	994.8	320	8	0	40	1
2	27.2	18.6	13.4	15.4	45	993.4	260	2	0	25	43.2	23.1	9.8	12.2	14	993.2	270	15	0	20	2
3	25.4	19.2	15.2	17.3	52	993.1	250	6	0	30	43.2	25.0	15.0	17.1	20	993.3	290	10	0	40	3
4	28.8	18.8	11.6	13.7	35	994.8	120	4	0	15	39.6	24.7	16.9	19.2	27	995.2	240	8	0	25	4
5	27.8	19.2	13.3	15.3	41	996.3	300	8	0	25	42.0	25.2	16.4	18.7	23	996.9	300	8	0	15	5
6	26.4	18.7	13.3	15.4	45	994.5	300	6	0	20	43.7	23.2	9.7	12.0	14	994.4	300	14	0	20	6
7	26.2	18.7	13.5	15.5	47	991.7	270	10	0	20	43.3	25.0	15.3	17.4	19	991.9	270	14	0	20	7
8	24.2	18.0	13.7	15.7	52	993.0	300	8	0	20	43.0	26.8	19.2	22.2	25	993.9	300	24	0	3	8
9	25.3	18.3	13.4	15.4	48	994.6	–	0	0	20	41.2	22.7	7.8	10.4	13	995.0	310	15	0	20	9
10	25.4	15.7	7.1	10.1	32	992.8	300	10	0	20	41.8	22.2	8.5	11.1	15	991.7	–	0	0	4	10
11	26.2	17.2	10.2	12.5	37	990.4	300	10	0	7	40.8	22.0	8.9	11.4	15	990.9	270	7	0	10	11
12	26.5	19.0	13.9	15.9	46	990.5	–	0	0	4	41.1	25.5	17.8	20.3	26	990.8	160	8	0	6	12
13	26.3	20.7	17.6	20.0	58	990.2	–	0	0	8	40.8	27.7	22.1	26.6	41	990.6	260	6	0	15	13
14	25.5	19.7	16.1	18.3	56	993.4	–	0	0	3	40.7	28.3	23.2	28.5	37	995.0	200	10	0	10	14
15	26.7	23.0	21.1	25.1	71	997.6	–	0	0	15	43.6	21.2	2.3	7.3	8	996.2	300	18	0	10	15
16	25.9	18.8	14.0	16.0	48	994.9	–	0	0	15	41.7	21.2	5.1	8.8	11	993.3	300	14	0	20	16
17	25.1	17.8	12.5	14.5	45	991.4	–	0	0	20	41.9	22.6	9.7	12.0	15	992.5	270	12	0	20	17
18	25.2	15.2	5.8	9.3	29	993.7	120	6	0	20	41.1	21.7	7.6	10.5	13	995.2	–	0	0	10	18
19	24.2	18.5	14.7	16.7	55	995.1	–	0	0	20	42.0	22.7	9.9	12.1	15	995.2	300	8	0	20	19
20	24.5	17.0	11.2	13.4	43	993.6	300	10	0	15	44.0	22.2	6.1	9.4	10	995.3	290	12	0	8	20
21	25.3	17.3	11.1	13.3	41	994.2	–	0	0	10	39.6	23.6	14.3	16.3	23	994.5	–	0	0	20	21
22	24.3	19.4	16.3	18.6	36	995.6	140	6	0	15	41.2	22.5	10.1	12.3	16	996.6	130	12	0	7	22
23	25.3	18.3	13.3	15.4	48	995.6	–	0	0	20	43.7	21.7	4.4	8.4	9	995.7	300	12	0	20	23
24	23.3	17.2	12.4	14.4	49	994.3	300	6	0	20	42.3	20.9	3.0	7.6	9	994.5	280	10	0	20	24
25	25.7	18.7	13.9	16.0	49	994.8	–	0	0	20	43.0	21.5	4.5	8.5	10	995.2	270	8	0	30	25
26	25.5	15.3	6.2	9.5	28	996.2	–	0	0	20	42.7	21.7	5.7	9.2	11	996.3	270	10	0	20	26
27	21.8	15.7	10.9	13.0	50	996.2	–	0	0	20	42.5	20.3	-0.1	6.0	7	997.3	360	12	0	30	27
28	25.0	16.0	8.3	11.0	35	996.7	–	0	0	20	45.0	22.2	9.3	11.7	15	998.0	320	8	0	12	28
29	26.2	15.7	6.1	9.5	28	996.0	300	7	0	30	45.4	21.8	2.2	7.2	7	994.8	310	15	0	25	29
30	25.7	14.7	3.6	7.8	24	994.8	300	10	2	25	43.4	21.0	1.8	7.0	8	995.3	300	14	1	30	30
31	26.2	18.2	12.6	14.6	43	996.6	–	0	0	4	41.5	23.0	11.2	13.3	17	997.3	180	10	0	2	31
Av.	25.6	18.0	12.3	14.7	44	994.2	–	4	0	18	42.3	23.1	10.0	12.2	16	994.5	–	10	0	17	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

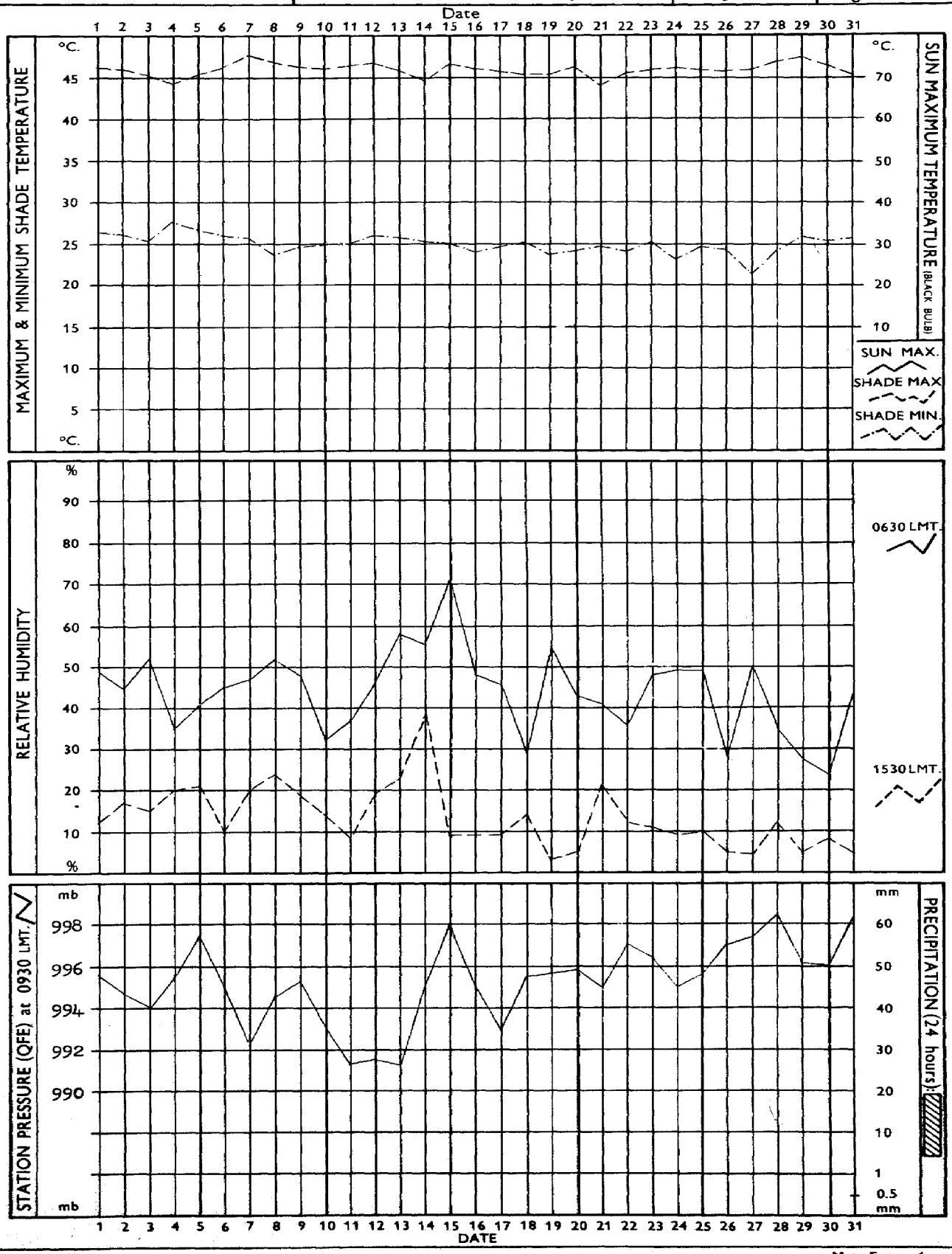
Observations at 1830											Extreme Temperature				Max. Wind				
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity	24 hour Rainfall (1830 – 1830)	Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
42.6	22.4	8.2	10.9	13	993.0	300	18	0	20		46.3	26.5	24.0				0	Clear	1
41.9	24.5	14.4	16.5	20	991.6	290	20	0	10		46.1	26.2	23.8				0	Haze	2
40.8	21.3	6.6	9.7	13	992.3	300	20	0	10		45.3	25.4	23.8				0	"	3
42.2	25.2	16.3	18.5	22	994.3	–	0	0	20		44.3	27.6	25.5				0	Clear	4
41.6	21.3	5.6	9.1	11	994.9	300	17	0	15		45.3	26.8	26.0				0	"	5
44.3	24.4	12.6	14.6	16	992.2	270	7	0	20		46.3	26.0	24.5				0	"	6
42.7	27.4	20.0	23.0	28	990.4	300	25	0	1		47.8	25.8	24.4				0	Sandst.	7
42.3	23.7	12.5	14.5	17	992.1	300	24	0	4		47.0	23.8	22.7				0	Haze	8
42.0	25.0	15.9	18.0	22	991.4	300	20	X	0.3		46.5	24.6	22.3				0	Sandst.	9
42.4	24.2	13.6	15.6	19	988.8	300	18	0	2		46.2	25.0	24.1				0	Haze	10
43.0	23.1	10.1	12.4	14	989.4	290	15	0	15		46.5	25.0	24.3				0	"	11
43.3	26.1	17.6	20.1	23	988.8	230	8	0	10		46.7	26.1	24.8				0	"	12
43.0	25.0	15.2	17.3	27	988.9	270	6	0	12		46.0	25.7	24.3				0	"	13
41.0	29.8	25.6	33.0	41	994.5	270	10	0	20		44.7	25.2	24.7				0	"	14
42.2	21.9	7.0	10.0	12	994.1	300	14	0	15		46.7	25.0	24.0				0	"	15
42.0	21.2	4.8	8.6	10	990.1	320	15	0	8		46.2	24.2	23.0				0	"	16
41.8	21.0	4.2	8.3	10	991.5	280	8	0	25		45.7	24.7	22.6				0	Clear	17
41.6	22.8	10.6	12.7	16	993.8	300	16	0	20		45.4	25.1	23.9				0	Haze	18
41.5	20.8	3.7	7.9	10	993.8	300	18	0	6		45.4	23.8	22.8				0	"	19
41.0	20.0	1.0	6.6	8	993.7	300	25	X	0.4		46.4	24.3	23.0				0	Sandst.	20
41.6	23.6	12.7	14.7	18	993.6	–	0	0	25		44.0	24.8	23.2				0	Haze	21
42.3	20.7	2.2	7.2	9	994.7	270	4	0	25		45.6	24.2	23.4				0	"	22
41.8	21.5	6.0	9.4	12	993.6	300	18	0	20		45.9	25.2	23.0				0	Clear	23
42.7	21.7	5.8	9.1	11	992.5	300	18	0	15		46.3	23.3	23.2				0	"	24
40.6	21.2	6.6	9.6	13	994.6	280	12	0	20		46.0	24.7	21.6				0	"	25
41.0	19.7	-0.4	5.9	8	995.6	300	13	0	30		45.7	24.4	21.5				0	"	26
41.5	21.0	4.6	8.5	11	995.8	300	25	X	0.8		46.0	21.5	18.6				0	Sandst.	27
43.5	23.5	10.8	13.0	15	996.0	300	15	0	20		47.0	24.3	22.0				0	Haze	28
43.2	21.4	3.0	8.1	9	993.0	300	15	0	20		47.6	26.0	22.3				0	Clear	29
42.0	21.2	4.8	8.4	11	993.7	270	8	0	3		46.5	25.6	23.6				0	Haze	30
42.8	23.2	10.6	12.7	15	996.0	–	0	0	10		45.5	25.7	24.2				0	"	31
42.1	22.9	9.4	12.7	14	992.9	–	14	1	14		46.0	25.0	23.4						Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : August	Year : 1964
		Station : Ahwaz	
Ground Level : 21 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°20' N.	Long : 48°45' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Abadan

Ground Level : 3 m AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°.13' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	28.0	21.7	18.2	20.9	55	997.3	170	2	0	15	43.2	22.4	7.6	10.5	12	997.8	300	12	0	20	1
2	29.9	21.0	15.7	17.8	42	996.3	230	6	0	20	43.2	21.6	4.7	8.5	10	996.2	320	12	0	30	2
3	26.6	16.0	6.6	9.7	28	996.3	290	8	0	20	43.0	21.6	5.0	8.7	10	995.9	320	14	0	3	3
4	28.7	18.4	10.7	12.9	33	998.1	260	6	0	6	40.0	22.9	12.2	14.2	19	998.2	290	20	0	1.5	4
5	26.9*		14.2*	16.2*	46*	999.3*					39.6*		10.0*	12.3*	17*	1000.4*					5
6	27.8	20.5	16.1	18.3	49	997.4	300	8	0	10	41.4	22.8	10.7	12.9	16	997.5	300	12	0	15	6
7	31.8	18.8	8.7	11.3	24	994.9	290	13	0	20	41.4	22.6	10.1	12.4	16	995.6	290	20	0	0.8	7
8	28.4	17.8	9.5	11.9	31	996.0	300	12	0	10	41.4	20.8	3.9	8.1	10	996.9	290	16	0	7	8
9	24.8	17.8	12.8	14.8	47	998.2	290	6	0	20	42.2	20.0	-1.1	5.6	7	998.2	300	16	X	0.8	9
10	26.0	15.6	6.1	9.4	28	996.4	270	10	0	20	38.6	21.4	9.3	11.7	17	995.3	300	20	0	4	10
11	30.0	18.0	8.4	11.1	26	993.6	300	12	0	8	37.6	22.2	12.4	14.4	22	993.9	310	14	0	2.5	11
12	27.8	16.8	7.3	10.2	27	993.6	300	10	0	10	37.2	22.8	14.3	16.3	26	993.7	300	14	0	2	12
13	27.8	17.4	9.1	11.6	31	993.0	290	11	0	12	37.8	23.2	14.8	16.8	26	993.6	310	10	0	6	13
14	27.8*		13.4*	15.4*	33*	996.4*	290	6	0	12	39.1*		10.1*	12.4*	22*	997.8*					14
15	26.4	17.8	11.4	13.5	39	1000.2	300	6	0	15	41.4	22.3	9.2	11.6	15	999.4	300	10	0	15	15
16	27.4	16.8	7.9	10.6	29	997.9	300	11	0	15	40.4	22.2	9.9	12.2	16	996.7	310	18	0	2	16
17	26.2	15.0	4.0	8.1	24	994.7	310	8	0	15	40.8	22.4	10.1	12.4	16	995.5	300	11	0	15	17
18	26.2	16.6	8.6	11.2	33	996.3	280	6	0	15	43.4	22.4	7.2	10.2	12	997.4	290	12	0	15	18
19	25.8	19.2	14.9	17.0	51	998.1	180	5	0	15	42.0	21.6	6.3	9.6	12	998.4	300	12	0	15	19
20	31.0	18.0	7.3	10.2	22	996.9	300	13	0	12	41.9	20.6	2.3	7.2	9	998.5	310	26	X	0.1	20
21	26.6*		9.4*	11.8*	34*	997.0*					37.3	21.4	10.6	12.7	20	997.5	310	14	0	4	21
22	23.1	17.6	13.7	15.7	56	998.8	310	6	0	20	41.0	21.0	5.2	8.9	11	998.9	300	14	1	20	22
23	27.2	19.4	14.3	16.3	45	998.3	300	6	0	15	42.6	21.9	6.4	9.7	11	998.4	300	8	0	20	23
24	26.0	17.6	11.3	13.4	40	997.1	300	7	0	20	42.4	22.1	7.5	10.4	12	997.2	300	12	0	20	24
25	23.0	17.4	13.4	15.4	55	997.7	290	5	0	15	40.6	21.6	7.8	10.6	14	997.9	300	10	0	20	25
26	23.6	15.2	7.8	10.6	36	999.1	300	2	0	20	42.0	22.5	9.2	11.6	14	998.7	300	6	0	25	26
27	25.9	19.0	14.4	16.5	49	998.8	290	6	0	15	45.2	21.6	1.7	6.9	7	999.4	300	24	0	1.2	27
28	25.4*		10.0*	12.3*	38*	999.4*					45.5*		4.5*	6.8*	7*	1000.6*					28
29	25.0	16.8	10.2	12.5	39	998.4	230	1	0	15	44.4	21.8	3.9	8.0	9	997.8	300	14	0	20	29
30	29.8	17.6	7.4	10.3	27	998.2	310	12	6	15	41.2	21.7	7.5	10.3	13	998.7	290	14	1	10	30
31	30.6	17.4	5.9	9.3	21	999.8	300	15	0	10	38.2	21.0	8.6	11.1	17	999.9	280	12	0	2	31
Av.	27.2	17.8	10.6	13.1	37	997.2	–	8	0	15	41.2	27.9	7.7	10.8	14	997.5	–	14	1	10	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy : Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30° 22' N. | Long : 48° 13' E.

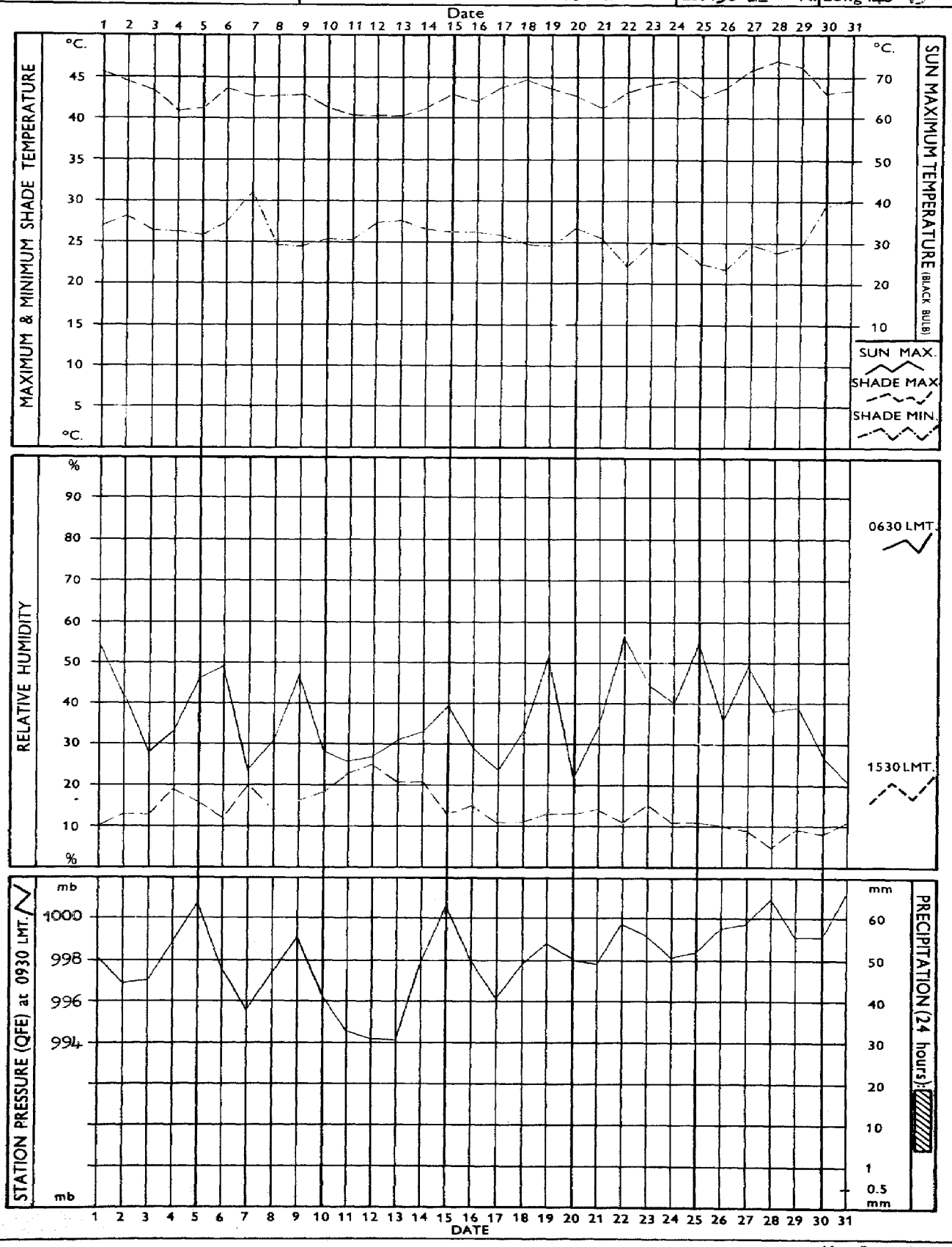
Observations at 1830											Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility			Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km		°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
42.2	21.1	4.0	8.2	10	995.8	300	10	0	20			45.7	27.0	25.6	77.0			0	Clear	1
41.8	20.8	3.3	7.7	10	994.5	300	8	0	30			44.5	28.1	25.7	77.2			0	"	2
38.8	21.4	9.2	11.6	17	995.9	300	13	0	8			43.5	26.4	25.7	77.3			0	Sandst.	3
38.0	22.3	12.3	14.3	22	997.5	280	18	0	2			40.9	26.3	26.3	74.0			0	"	4
38.6	21.6	9.9	12.2	18	998.4	280	13	0	10			41.2	25.9	25.4	74.0			0	Haze	5
38.8	23.6	14.9	17.0	25	995.3	–	0	0	4			43.7	27.4	27.0				0	"	6
38.2	21.8	10.8	13.0	19	994.6	300	15	0	2			42.7	31.0	30.2				0	Sandst.	7
39.2	21.4	8.7	11.2	16	996.0	280	14	0	3			42.7	24.7	23.0				0	Haze	8
39.0	21.6	9.5	11.9	17	995.9	290	12	X	0.8			42.9	24.4	23.1				0	Sandst.	9
37.8	22.7	13.5	15.5	24	993.2	290	15	0	1			41.4	25.2	23.5				0	"	10
38.2	23.6	15.4	17.5	26	992.4	300	12	0	1.5			40.4	25.0	27.0				0	"	11
37.4	24.2	17.2	19.6	31	992.5	300	14	0	1			40.2	27.3	26.7				0	"	12
38.0	23.4	15.0	17.1	26	992.1	300	15	X	0.8			40.2	27.4	26.4				0	"	13
38.7	22.8	13.1	15.0	22	997.3	300	10	0	1.5			41.2	26.6	25.6				0	Haze	14
39.4	22.8	12.4	14.4	20	997.7	300	12	0	12			43.0	26.2	24.7				0	Clear	15
38.2	21.7	10.4	12.7	19	994.1	300	8	0	10			42.0	26.3	24.0				0	Sandst.	16
39.7	21.2	7.4	10.3	18	994.4	300	7	0	20			43.7	25.8	25.2				0	Haze	17
40.2	21.6	8.3	11.0	15	996.4	290	7	0	20			44.8	24.8	21.2				0	Clear	18
39.0	22.5	12.0	14.1	20	997.3	280	8	0	10			43.7	24.5	21.7				0	Haze	19
38.8	23.0	13.5	15.5	22	997.8	300	10	X	1.2			42.7	26.8	25.5				0	Sandst.	20
37.3	21.0	9.5	11.9	19	996.3	310	8	0	3			41.3	25.5	24.4				0	Haze	21
39.7	21.3	7.8	10.6	15	997.6	300	10	0	20			43.3	22.0	21.0				0	Clear	22
40.3	22.0	9.4	11.8	16	996.5	300	12	0	25			44.0	25.0	22.1				0	"	23
39.4	21.3	8.1	10.8	15	996.2	290	10	0	15			44.6	24.8	23.0				0	Haze	24
38.3	20.2	5.8	9.2	14	997.4	300	5	0	30			42.5	22.5	21.0				0	Clear	25
39.2	22.0	10.4	12.6	18	998.4	300	10	0	10			43.6	21.8	19.2				0	Haze	26
40.6	20.8	4.9	8.7	11	999.2	300	12	0	2			45.9	24.8	22.0				0	Sandst.	27
41.6	21.4	5.9	9.3	12	998.4	300	10	0	20			47.0	23.9	20.9				0	Clear	28
40.8	22.2	9.6	11.9	16	996.6	290	10	0	20			46.3	24.3	21.5				0	"	29
40.4	20.2	2.9	7.6	10	997.1	300	12	0	4			43.2	29.4	28.5				0	Haze	30
38.8	21.8	10.3	12.5	18	999.4	300	15	0	3			43.5	30.2	29.8				0	"	31
39.2	21.9	9.9	12.5	18	996.2	–	11	1	10			43.1	25.9	24.4						Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : August	Year : 1964
		Station : Abadan	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°22' N.	Long : 48°13' E.



Met. Form 4

24.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : August Year : 1964
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Bandar Mashur
		Lat : 30°30' N. Long : 49°12' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	30.5	23.5	20.0	23.5	53	996.8	310	2	0	14						997.3*	300	16	0	12	1
2	29.0		18.4*	21.2*	53*	995.6	300	1	0	16	44.2	24.2	12.2	14.2	16	995.3	300	8	0	12	2
3	29.0	20.0	14.2	16.2	40	995.3	310	6	0	15	41.5	25.0	16.3	18.5	22	995.3	260	7	0	20	3
4	27.2	20.8	17.2	19.5	53	997.0	270	10	0	8	41.0	23.0	11.6	13.7	18	997.2	270	12	0	6	4
5	27.0	20.0	15.7	17.8	50	998.6	300	5	0	6	41.2	24.2	14.6	16.5	21	998.9	280	16	0	2	5
6	25.6	20.0	16.1	18.9	58	996.9	290	4	0	8	41.7	24.7	15.5	17.6	22	996.5	270	8	0	12	6
7	25.8	20.0	16.4	18.7	56	993.8	300	7	0	12	40.0	25.0	17.2	19.7	27	994.2	300	10	0	12	7
8	25.0		13.3	15.2	48	995.4	–	0	0	10	40.0	24.5	16.1	18.2	25	995.7	300	18	0	3	8
9	24.8	19.7	16.6	18.9	61	997.1	290	5	0	5	38.5	23.0	13.6	15.7	23	996.7	310	20	X	0.1	9
10	23.8	18.2	14.4	16.6	56	995.4	280	6	0	4	40.5	23.1	12.4	14.4	19	993.8	300	16	X	0.2	10
11	26.0	19.0	14.4	16.4	48	993.1	300	4	0	3	38.2	22.1	11.6	13.7	20	992.9	280	6	0	8	11
12	26.7	20.0	15.8	18.0	52	993.1	290	2	0	2	36.5	24.0	17.5	19.8	33	993.3	200	4	0	7	12
13	29.0	19.5	13.0	15.0	37	994.2	320	6	0	14	40.5	24.0	14.7	16.7	21	993.6	280	8	0	5	13
14	28.0	21.0	17.0	19.3	51	994.3	–	0	0	3	37.8*		17.7*	20.3*	31*	996.8*	250*	7*			14
15	28.5	22.0	18.4	21.2	55	999.3	310	2	0	10	43.0	24.0	12.5	14.5	17	998.3	300	12	0	12	15
16	26.0	18.9	14.2	16.2	47	997.0	310	3	0	12	42.8	22.2	7.5	10.4	12	995.1	300	18	0	8	16
17	26.0	19.0	14.4	16.4	48	994.0	–	0	0	6	39.5	22.5	11.6	13.7	19	994.9	260	8	0	12	17
18	28.0	24.5	22.8	27.9	74	996.2	–	0	0	8	40.5	22.0	9.2	11.7	15	996.9	200	2	0	15	18
19	28.2	19.4	13.5	15.5	40	996.9	310	4	0	12	42.8	21.4	4.4	8.4	10	997.8	290	16	0	15	19
20	24.8	20.0	17.1	19.7	62	996.1	250	4	0	6	42.0	22.0	7.6	10.4	13	997.6	320	4	0	12	20
21	23.8	18.0	13.9	16.0	54	996.6	260	2	0	4	37.0	24.0	17.0	19.4	31	997.1	170	4	0	15	21
22	26.8	25.4	24.8	31.3	89	998.2	–	0	0	6	35.0	22.5	14.8	16.8	31	998.8	160	4	0	15	22
23	25.5	19.0	14.7	16.7	51	997.6	–	0	0	15	42.5	22.7	9.4	11.9	14	997.8	220	6	0	20	23
24	24.5	20.5	18.3	21.1	68	996.4	–	0	0	25	40.0	24.5	16.1	18.2	25	997.0	180	5	0	25	24
25	25.3	18.8	14.5	16.3	51	996.9	310	7	0	15	40.7	24.0	14.4	16.4	22	997.3	270	8	0	15	25
26	24.3	21.0	19.2	22.4	73	998.5	320	4	0	20	38.0	24.8	18.1	20.7	31	998.5	180	3	0	20	26
27	24.5	18.0	13.5	15.4	50	998.3	310	3	0	20	42.5	22.0	7.0	10.7	13	998.8	360	10	0	20	27
28	26.2	15.7	6.2	9.5	27	998.1	010	6	0	15	43.2	23.7	11.7	13.8	16	999.3	270	7	0	15	28
29	31.0	17.0	4.1	8.2	18	997.1	310	7	0	30	45.0	24.4	12.1	14.1	15	996.4	310	12	0	30	29
30	27.3	21.2	17.9	20.3	56	997.5	340	6	4	25	43.0	24.0	12.6	14.6	17	997.7	300	14	0	15	30
31	27.5	19.5	14.3	16.3	44	999.5	300	3	0	4	35.0	21.5	12.8	14.8	26	999.6	200	3	0	7	31
Av.	26.6	23.1	15.6	18.3	52	996.5	–	4	0	11	40.5	23.4	13.0	15.3	21	996.7	–	10	1	12	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

- Clear : Average of cloudiness = 0/8
- Fair : Average of cloudiness = 1/8 – 2/8
- P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8
- Cloudy : Average of cloudiness = 6/8 – 7/8
- O – cast : Overcast. Average of cloudiness = 8/8
- Haze : Visibility reduced by dry particles
- Mist : Visibility reduced by wet particles
- Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month : August Year : 1964
Station : Bandar Mashur

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°30' N. | Long : 49°12' E.

Observations at 1830

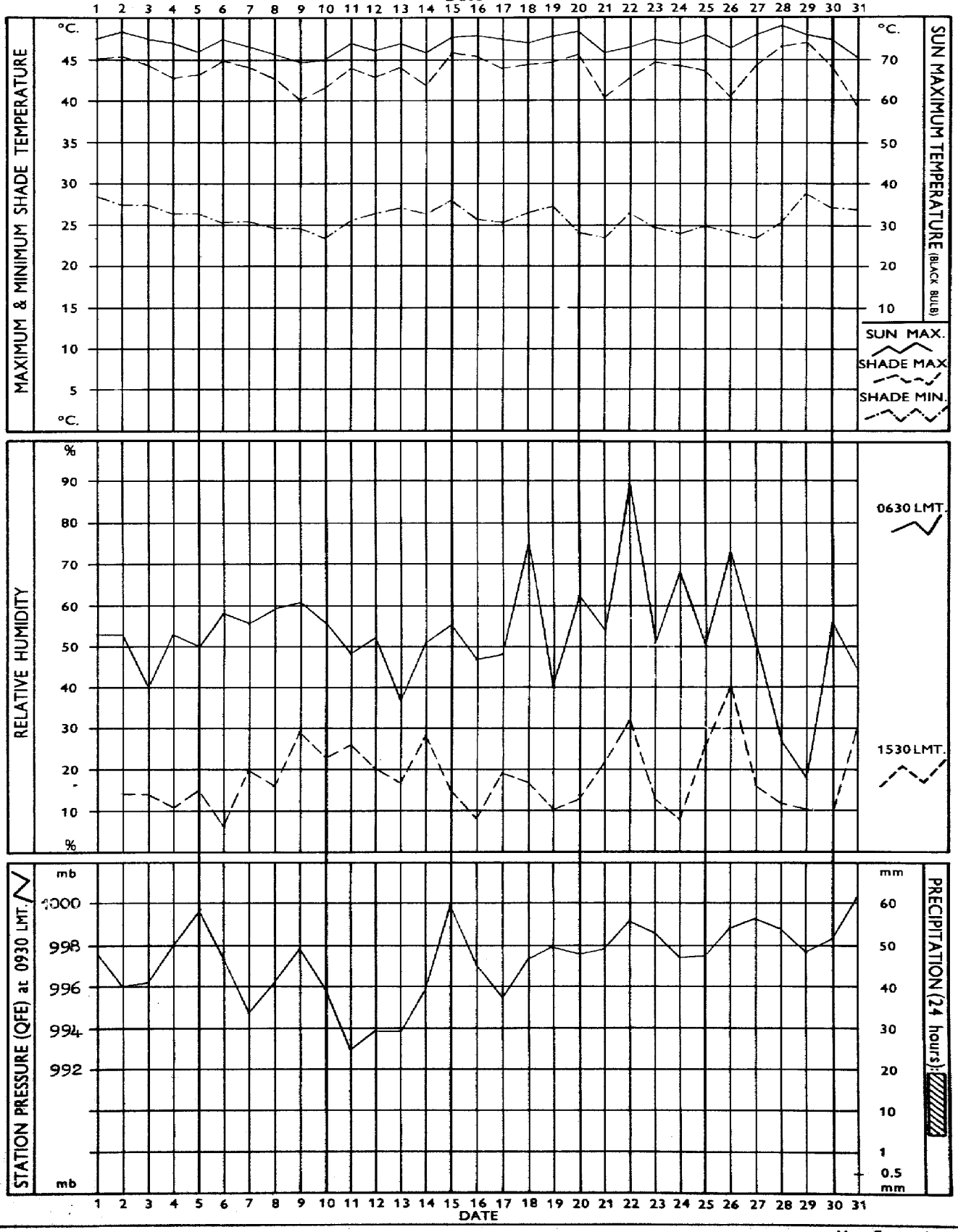
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Extreme Temperature: Maximum Shade Temperature	Extreme Temperature: Minimum Shade Temperature	Extreme Temperature: Ground Minimum Temperature	Extreme Temperature: Sun Maximum Temperature	Max. Wind: Direction	Max. Wind: Velocity	24 hour Rainfall (1830 – 1830)	Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
42.5					995.3	310	14	0	1.5		45.0	28.5		75.2	290	27	0	Haze	1
41.0	24.0	14.2	16.2	21	993.6	310	12	0	2.5		45.5	27.5		76.8	280	21	0	"	2
38.7	22.2	11.5	13.6	20	994.0	290	20	X	1		44.4	27.5		75.2	280	27	0	Sandst.	3
38.4	23.7	15.5	17.6	26	995.6	290	15	0	1.5		43.0	26.4		74.0	290	21	0	Haze	4
37.3	24.0	16.8	19.2	30	996.7	290	12	0	2		43.3	26.4		72.2	300	20	0	"	5
40.3	26.1	20.4	22.5	30	994.1	270	7	0	12		45.0	25.3		75.1	270	12	0	"	6
37.8	23.7	15.9	18.1	28	992.7	310	16	X	0.2		44.2	25.5		73.6	300	23	0	Sandst.	7
36.1	23.3	15.8	17.9	30	994.1	300	12	0	2		42.8	24.6		71.4	300	23	0	Haze	8
35.8	23.0	15.8	17.9	30	994.5	310	15	X	0.1		40.0	24.5		69.5	300	32	0	Sandst.	9
36.8	23.4	15.9	18.1	29	991.3	300	15	X	0.1		41.5	23.5		70.0	300	19	0	"	10
37.0	27.2	23.1	28.3	45	991.5	280	6	0	1.3		44.0	25.6		74.0	310	18	0	Haze	11
37.2	27.0	22.6	27.6	44	991.0	280	7	0	5		43.0	26.5		72.5	280	14	0	"	12
37.5*		23.8*	29.6*	46*	991.2*	270*	6*				44.0	27.0		74.0	260	12	0	"	13
38.5	25.5	19.2	22.2	32	997.3	300	7	0	5		42.0	26.5		72.0	300	11	0	"	14
40.0	24.0	14.9	17.0	23	996.0	280	16	0	4		46.0	28.0		75.7		20	0	"	15
39.2	23.0	13.1	15.1	21	992.9	290	12	0	1.5		45.5	25.7		76.0	290	23	0	"	16
39.0	25.0	17.8	20.6	30	993.6	210	8	0	15		44.0	25.2		75.2	210	9	0	"	17
37.5	26.6	21.7	26.1	41	995.5	220	6	0	15		44.4	26.5		74.2	300	13	0	Mist	18
40.4	22.8	11.5	13.6	17	996.1	300	8	0	12		44.8	27.2		75.7	290	18	0	Clear	19
40.0	21.5	7.6	10.4	14	996.1	310	28	X	0.1		45.8	24.0		77.0	310	36	0	Sandst.	20
35.2	27.7	24.1	30.0	53	995.7	170	6	0	6		40.2	23.6		72.0	290	15	0	Haze	21
37.6	24.2	17.3	19.7	31	996.6	300	8	0	12		42.7	26.5		73.2	270	11	0	Mist	22
37.2	26.0	20.8	24.6	39	995.8	–	0	0	20		44.8	24.9		75.0	010	11	0	Clear	23
36.0	25.4	18.2	23.9	40	995.1	300	7	0	5		44.2	24.0		74.0	290	14	0	Haze	24
37.4	23.4	15.6	17.6	28	996.6	230	10	0	15		43.7	25.0		75.8	210	13	0	Clear	25
36.0	24.0	17.7	20.2	34	997.6	300	10	0	3		40.4	24.2		72.8	210	11	0	Haze	26
38.0	22.0	13.2	15.2	20	997.9	350	14	0	1.5		44.2	23.6		76.0	340	27	0	"	27
40.2	22.5	11.0	13.1	18	997.3	320	6	0	3		46.7	25.5		78.2	340	21	0	"	28
39.5	24.5	16.5	18.8	26	994.8	310	10	0	30		47.0	28.8		76.2	290	16	0	Clear	29
36.7	25.0	19.4	22.3	36	996.2	310	5	0	3		44.2	27.2		75.0	310	19	0	Haze	30
34.0	26.3	22.9	27.9	53	998.9	170	3	0	7		39.2	27.0		70.3	150	17	0	"	31
38.0	24.4	17.1	20.2	31	995.0	–	10	1	6		43.7	25.9		74.1					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter < 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

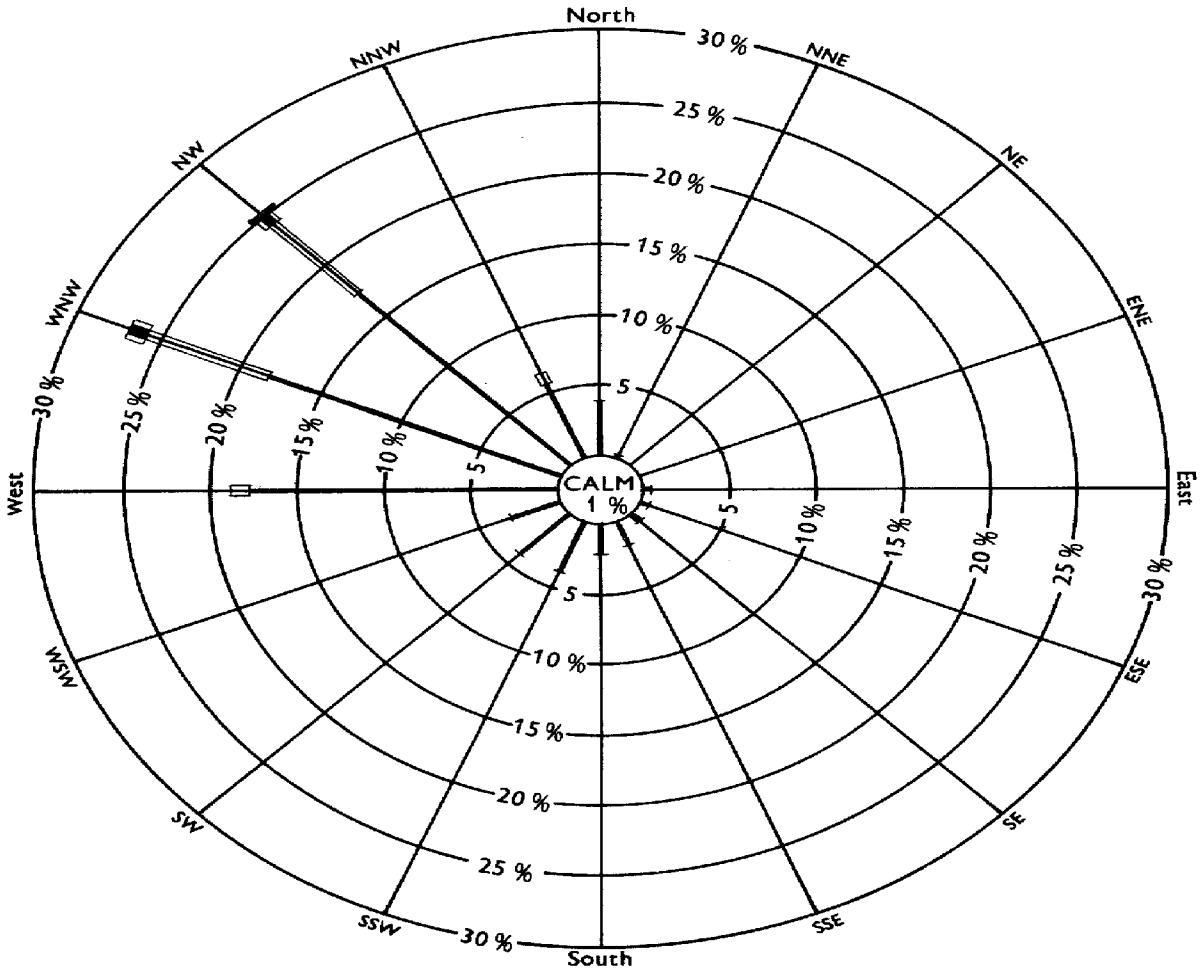
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : August	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



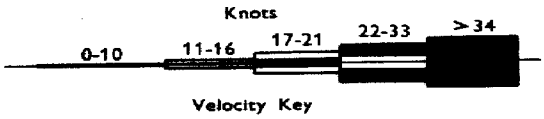
Met. Form 4

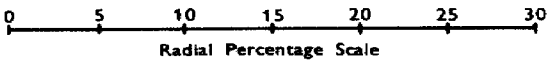
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : August	Year : 1964
		Station : Bander Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



Hours in month 744

Hours recorded 716



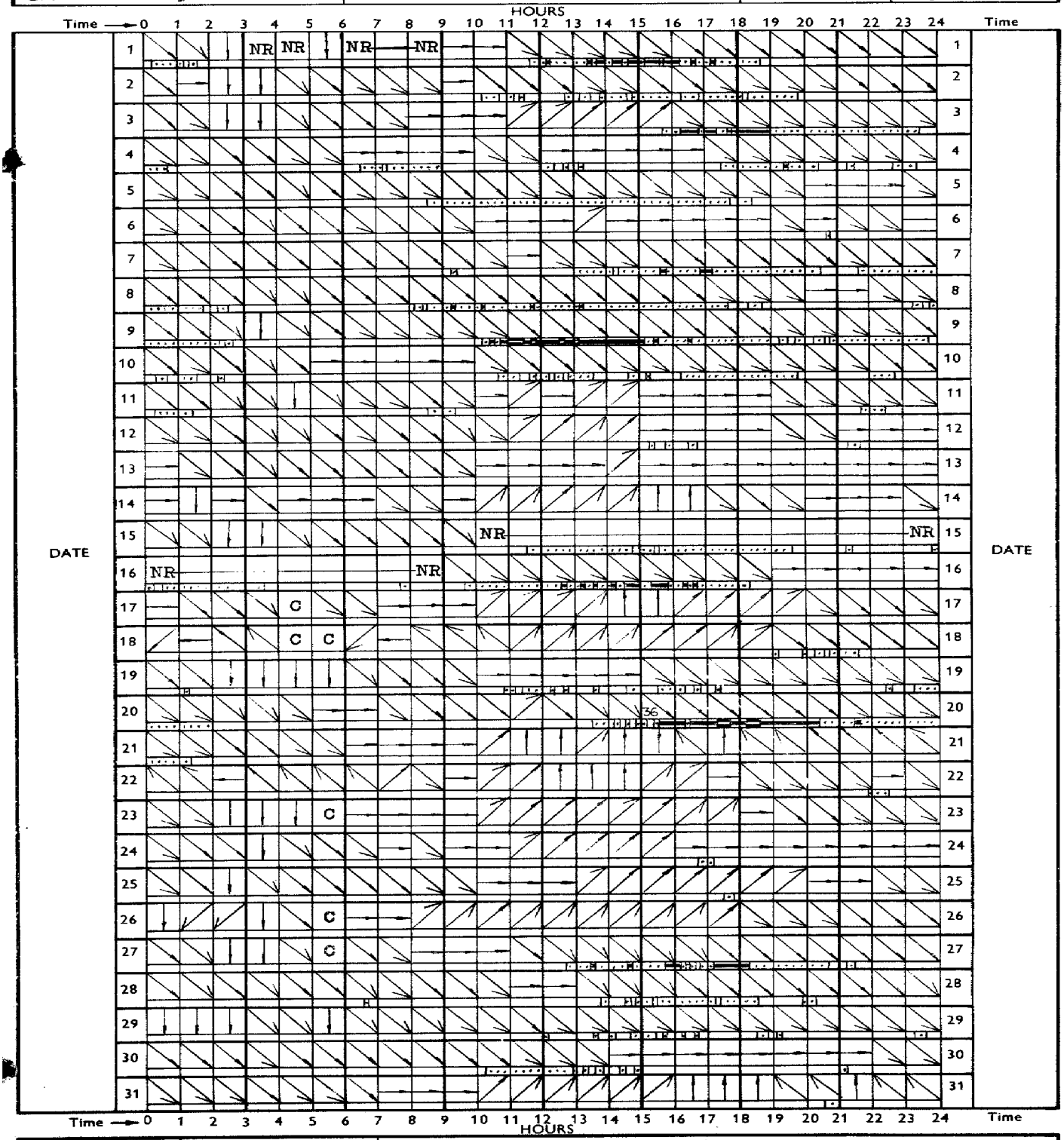


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

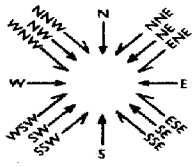
Remarks : The wind directions W, WNW and NW constitute together 71.2 % of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : August	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	32.0	27.2	25.3	32.3	68	996.9	300	8	0	15	37.0	27.2	23.1	28.3	45	998.3	300	10	0	15	1
2	31.4	29.0	28.2	38.2	83	995.6	360	4	0	15	38.2	26.2	20.7	24.4	36	996.1	300	6	0	20	2
3	32.4	26.4	23.7	29.6	61	995.7	360	10	0	15	37.4	28.0	24.2	30.2	47	996.2	330	10	0	20	3
4	32.4	26.4	23.9	29.6	61	997.1	360	10	0	15	35.6	27.0	23.4	28.8	50	998.3	300	12	0	15	4
5	32.4	26.4	23.9	29.6	61	998.4	360	12	0	15	35.0	26.6	23.0	28.1	50	999.5	320	14	0	15	5
6	32.0	25.0	21.8	26.1	55	996.8	340	12	0	12	35.0	26.6	23.0	28.1	50	996.8	320	10	0	12	6
7	30.6	28.6	27.9	37.6	85	993.9	320	10	2	12	35.0	27.4	24.3	30.5	54	994.8	320	10	1	12	7
8	32.8	25.0	21.3	25.4	51	994.5	300	8	5	7	35.2	25.6	21.2	25.2	45	996.4	310	12	0	12	8
9	32.0	25.0	21.8	26.1	55	996.6	300	10	0	12	35.6	25.2	20.2	23.7	41	997.7	300	16	0	12	9
10	32.4	23.0	18.0	20.6	43	995.5	330	12	0	3	35.0	24.6	19.4	22.6	40	995.1	300	10	0	10	10
11	31.4	23.6	19.7	23.0	50	992.9	300	12	0	3	34.6	25.0	20.4	24.0	44	993.9	300	10	0	10	11
12	30.4	26.2	24.4	30.6	70	993.4	330	3	X	1	35.0	25.0	20.2	23.7	42	993.1	270	10	X	2	12
13	31.0	24.4	21.3	25.4	57	992.8	330	10	0	1.5	34.4	25.0	20.6	24.2	45	993.1	300	8	0	4	13
14	29.8	27.2	26.2	34.0	81	996.1	–	0	0	1.5	35.4	26.8	23.2	28.4	49	998.2	120	4	X	0.7	14
15	28.0	27.0	26.6	34.9	92	999.3	–	0	0	2	36.0	25.0	19.7	22.9	38	999.0	300	11	0	12	15
16	31.6	25.0	22.0	26.5	57	996.9	310	12	0	15	34.6	26.2	22.5	27.3	50	996.2	340	12	0	20	16
17	30.6	26.6	24.9	31.5	72	994.5	300	6	0	10	35.6	26.8	21.3	25.4	44	995.8	360	8	0	20	17
18	27.6	25.2	24.1	30.1	82	996.4	–	0	0	20	37.4	22.8	14.1	16.1	25	997.3	360	6	0	20	18
19	31.0	26.0	23.9	29.6	66	996.6	360	8	0	20	36.0	24.8	19.3	22.4	38	998.4	360	15	0	20	19
20	31.0	23.6	19.9	23.2	52	997.0	360	12	0	20	35.2	26.6	22.9	27.9	49	998.1	300	10	0	20	20
21	30.0	24.6	22.1	26.6	63	997.4	360	8	0	2	34.4	25.2	20.9	24.7	46	998.4	300	15	0	15	21
22	30.0	28.0	27.2	36.2	85	998.2	120	2	0	8	35.6	28.2	25.3	32.4	55	998.9	330	5	0	4	22
23	30.0	26.0	24.3	30.4	71	997.2	330	3	0	15	37.4	25.0	18.8	21.7	34	997.9	300	8	0	20	23
24	29.6	26.4	25.1	31.8	77	996.2	–	0	0	20	36.0	27.8	24.6	30.8	52	997.3	280	10	0	25	24
25	29.4	25.0	23.1	28.2	69	996.4	360	8	0	15	35.0	27.2	24.0	29.8	53	997.6	350	8	0	20	25
26	28.4	26.4	25.6	32.8	85	998.3	–	0	0	15	36.4	24.0	17.5	20.0	33	998.6	300	6	0	20	26
27	30.0	25.6	23.7	29.4	69	998.0	340	6	0	15	37.2	22.2	12.8	14.8	24	999.0	340	7	0	20	27
28	29.0	27.0	26.2	34.1	86	998.2	–	0	0	5	35.0	28.0	25.3	32.2	57	999.1	310	8	0	8	28
29	29.0	28.0	27.6	37.0	93	996.5	300	4	0	15	37.4	25.4	19.6	22.8	35	996.5	340	15	0	15	29
30	31.8	25.0	21.9	26.3	56	996.7	340	10	0	20	37.8	24.8	18.2	20.9	32	997.6	340	12	0	20	30
31	31.2	23.2	19.0	22.0	49	999.5	340	10	0	2	35.0	25.0	20.2	23.7	42	1000.5	350	4	0	2	31
Av.	30.7	25.9	24.0	29.6	68	996.4	–	7	1	11	35.8	25.9	21.1	25.4	43	997.2	–	10	1	14	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
37.6	25.0	18.7	21.6	33	995.6	300	10	0	20		39.5	31.0	29.4	73.2	280	25	0	Clear	1
36.0	27.6	24.2	30.2	51	993.9	300	10	0	20		40.0	30.4	28.6	72.6	300	28	0	"	2
34.8	28.2	25.7	33.0	60	994.5	300	10	0	20		40.5	32.0	30.2	74.0	320	34	0	"	3
35.0	26.6	23.0	28.1	50	997.2	280	10	0	10		37.0	32.4	31.1	72.2	340	37	0	Haze	4
35.6	26.4	22.4	27.1	47	996.9	300	15	0	6		38.0	32.4	32.0	72.6	340	32	0	"	5
36.0	26.4	22.2	26.7	45	994.7	290	15	0	15		38.5	31.4	30.8	70.0	340	27	0	Clear	6
36.4	26.4	22.4	27.2	47	993.1	300	12	2	3		38.0	30.5	30.4	72.0	340	27	0	Haze	7
35.2	26.0	21.8	26.2	46	994.6	300	10	0	10		38.0	32.6	31.7	74.0	340	30	0	"	8
36.4	25.2	19.8	23.1	38	994.5	270	18	X	0.5		37.8	31.2	27.8	71.5	340	33	0	Sandst.	9
34.8	25.0	22.1	26.6	48	992.2	300	10	0	10		37.4	32.0	31.1	71.0	340	29	0	Haze	10
34.2	24.0	18.8	21.7	40	993.1	–	0	0	4		35.6	31.2	29.8	69.5	330	25	0	"	11
33.2	25.2	21.5	25.7	50	992.3	300	10	0	10		36.0	30.0	29.4	68.0	300	19	0	Dust	12
33.2	25.5	22.0	26.5	52	992.4	300	10	0	10		35.5	30.0	29.9	70.5	340	18	0	Haze	13
33.0	25.6	22.2	26.9	53	997.9	270	5	0	2		37.0	29.5	28.1	70.0	250	9	0	Dust	14
34.4	26.2	22.6	27.5	51	996.2	270	10	0	15		36.7	27.5	25.6	71.4	280	22	0	Haze	15
35.2	26.2	22.2	26.8	47	993.5	270	8	0	4		37.6	31.5	26.4	70.7	340	26	0	"	16
33.0	27.0	24.6	30.9	61	994.7	270	4	0	15		37.0	30.2	26.0	72.0	290	13	0	"	17
34.8	26.0	22.1	26.6	48	995.7	300	4	0	15		38.2	27.2	25.5	73.0	300	26	0	Clear	18
36.0	24.0	17.6	20.2	34	996.9	270	8	0	20		38.4	29.5	26.1	71.5	320	23	0	"	19
33.4	26.0	22.8	27.7	54	996.7	280	8	0	15		36.2	30.4	28.9	71.0	340	20	0	"	20
34.0	24.8	20.3	23.9	45	997.1	180	3	0	7		36.7	29.4	29.4	70.5	340	20	0	Haze	21
33.8	24.2	19.3	22.5	43	997.2	300	6	0	10		36.8	29.5	27.8	72.0	310	13	0	"	22
34.6	26.2	22.5	27.3	50	996.3	300	10	0	20		37.8	28.0	25.6	72.5	330	16	0	Clear	23
34.2	25.6	21.7	26.0	48	995.5	280	10	0	25		37.0	28.0	25.0	71.5	290	16	0	"	24
34.2	25.6	21.7	26.0	48	996.8	300	10	0	20		37.0	26.5	26.1	71.0	310	22	0	"	25
33.2	26.8	24.1	30.1	59	997.9	300	8	0	20		37.2	26.2	24.2	72.0	300	16	0	"	26
33.6	26.8	24.0	29.8	58	997.3	300	10	0	10		37.5	27.4	25.2	73.0	330	17	0	Haze	27
36.6	24.6	18.5	21.3	35	997.4	–	0	0	10		38.0	28.6	26.0	72.0	310	16	0	"	28
36.0	26.4	22.2	26.7	45	994.7	280	8	0	12		39.4	28.3	26.1	72.0	310	27	0	Fog	29
35.0	26.4	22.6	27.6	49	996.6	280	10	1	15		38.5	31.0	26.6	71.5	320	24	0	Clear	30
32.4	26.2	24.5	30.7	63	999.7	250	3	0	8		36.2	30.8	30.0	69.2	340	14	0	Dust	31
34.7	25.9	21.9	26.6	48	995.6	–	9	0	12		37.6	29.9	28.1	71.5					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.

Fog : Visibility ≤ 1 km.

Drizzle : Raindrop diameter ≤ 0.5 mm.

Rain : Rain not falling as showers

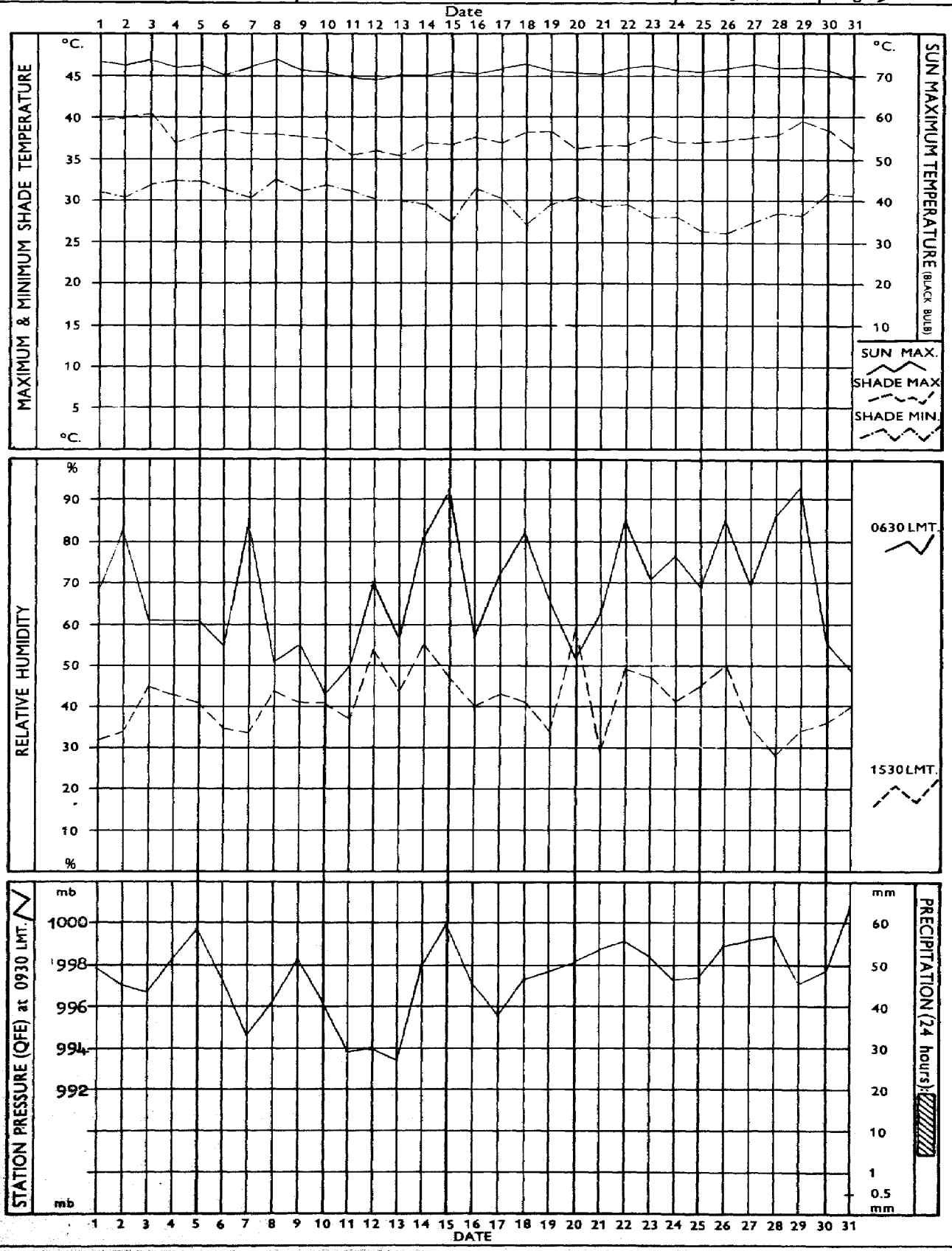
Snow : Snowfall

Rainsh : Rain falling as showers

Hail : Solid precipitation

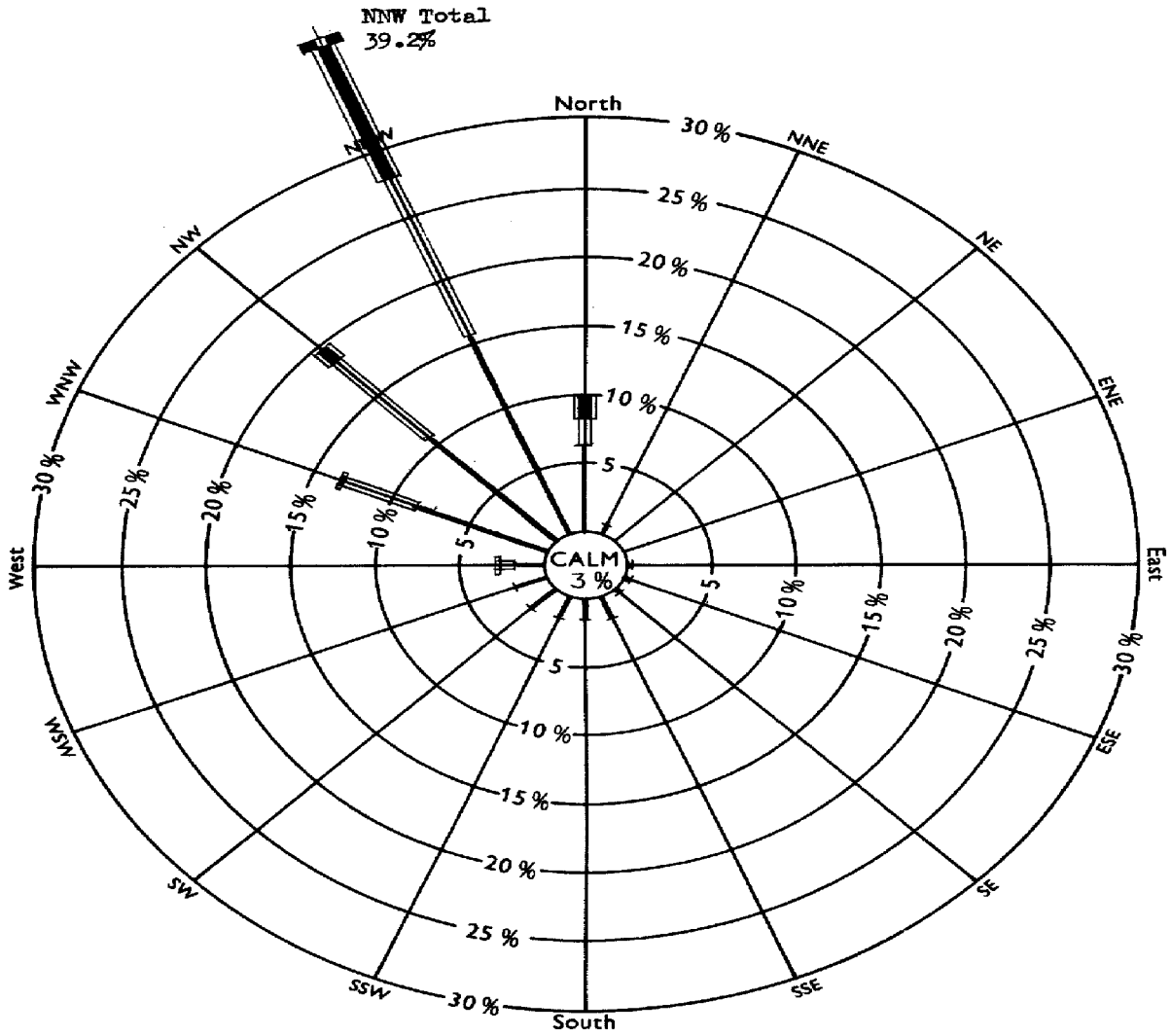
Th.storm: Thunderstorm at or near the station

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : August	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



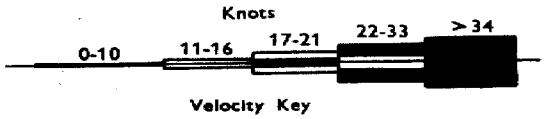
Met. Form 4

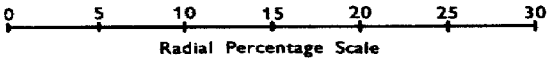
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : August	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



Hours in month 744

Hours recorded 744





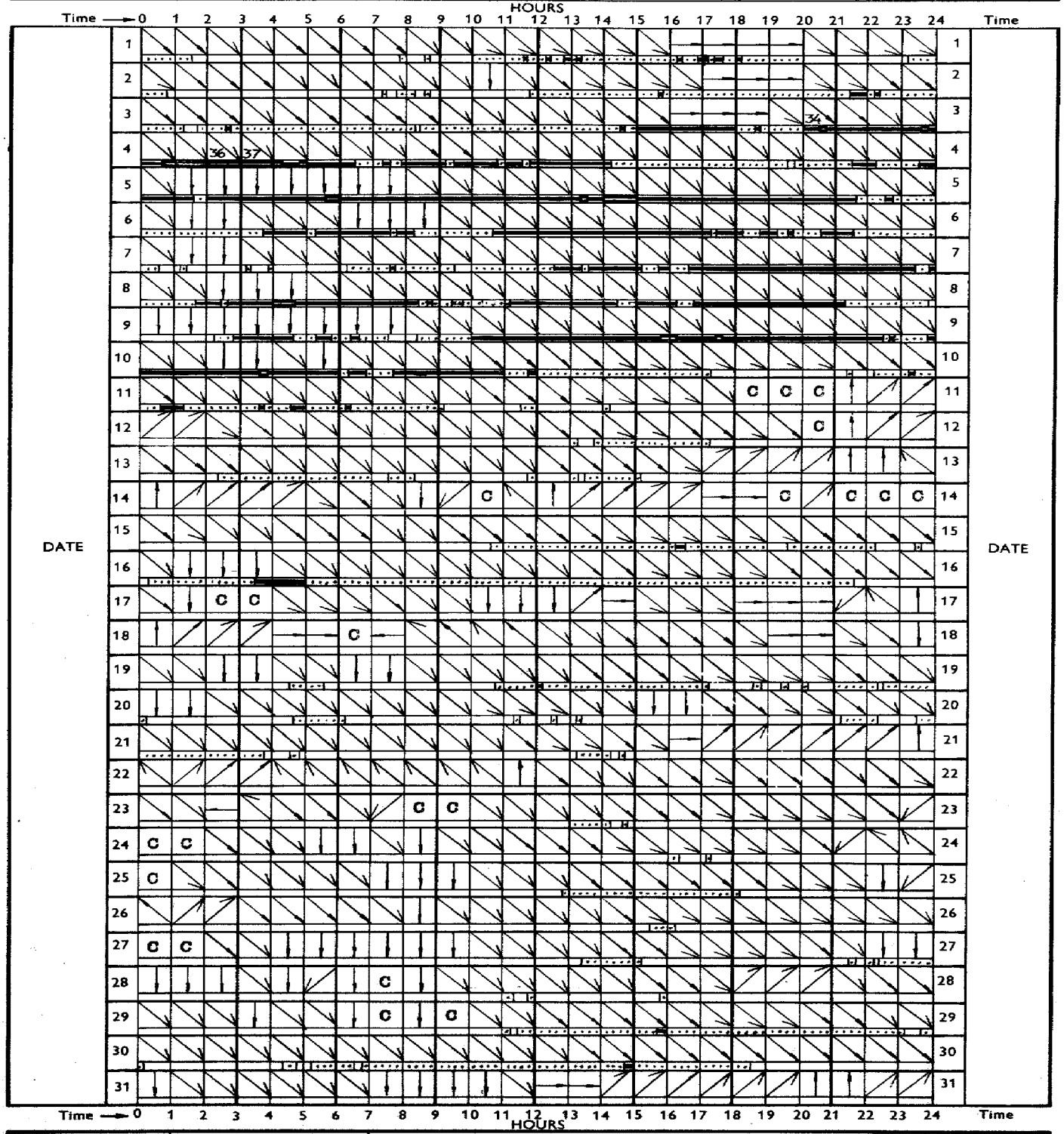
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks : The wind directions WNW, NW and NNW constitute together 72.4 % of all observations.

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : August	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



VELOCITY KEY		DIRECTION KEY
C	Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW
	1-10 Knots	
	11-16	
	17-21	
	22-33	
	> 34	
NR	No Record.	

3 40 4 Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : August Year : 1964
Station : Farsi Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 28°00' N. | Long : 50°10' E.

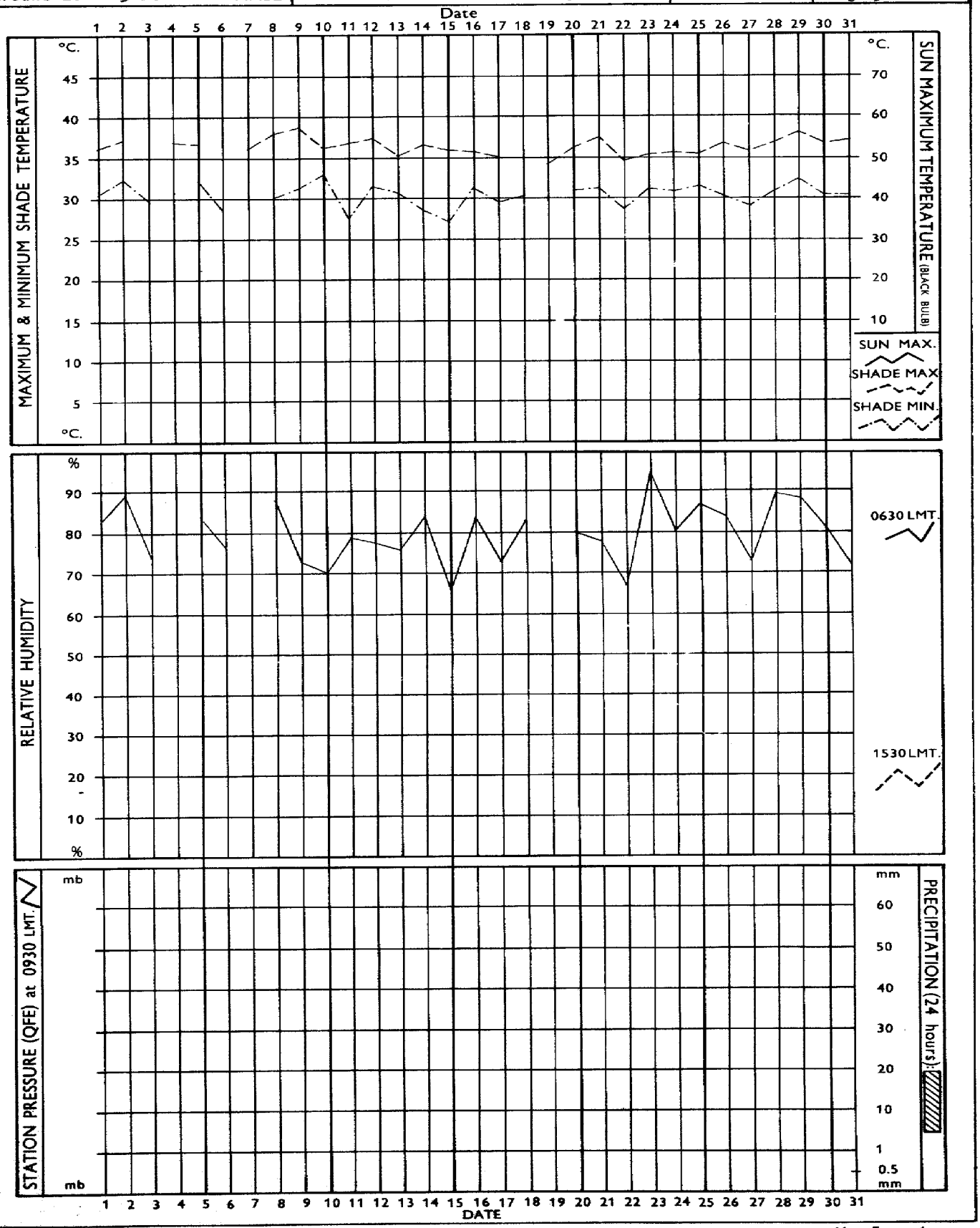
Observations at 0630										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)	Weather at 0630	
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Uncorrected Barometer Reading	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
36.0	33.4	32.7	49.4	83	1007.0	310	2	0	15		36.2	30.5					0	Clear	1
35.4	33.7	33.2	51.0	89	1007.3	310	10	0	17		37.6	32.2					0	"	2
36.7	32.6	31.4	46.0	74	1005.3	310	6	0	17			29.8					0	"	3
											37.0						0		4
35.8	33.4	32.7	49.5	84	1004.9	360	8	0	17		36.8	32.2					0	"	5
35.6	31.7	31.0	44.9	77	1008.6	310	16	0	14			28.4					0	"	6
											36.2						0		7
35.2	33.4	32.9	50.0	88	1003.6	310	16	0	17		38.0	30.0					0	"	8
37.4	33.0	31.7	46.8	73	1005.4	360	12	0	16		38.8	31.2					0	"	9
37.6	32.6	31.1	45.2	70	1006.9	310	16	0	16		36.2	33.0					0	"	10
34.8	31.7	30.7	44.3	79	1005.0	310	13	0	16		36.8	27.6					0	"	11
35.6	32.2	31.2	45.4	78	1003.0	360	14	0	14		37.4	31.4					0	"	12
36.2	32.4	31.3	45.6	76	1002.0	310	10	0	15		35.2	30.8					0	"	13
33.6	31.2	30.4	43.5	84	1002.6	360	8	0	16		36.6	28.6					0	"	14
35.4	30.0	28.1	38.1	66	1007.4	310	2	0	5		36.0	27.2					0	Haze	15
34.8	32.4	31.7	46.7	84	1008.3	310	10	0	16		35.8	31.2					0	Clear	16
35.2	31.0	29.6	41.6	73	1005.6	310	8	0	18		35.0	29.6					0	"	17
34.4	31.8	31.0	45.0	83	1005.2	310	6	0	18			30.2					0	"	18
											34.2						0		19
35.0	32.0	31.1	45.2	80	1002.7	310	12	0	11		36.2	31.0					0	"	20
35.0	31.6	30.5	43.8	78	1007.8	310	16	0	13		37.4	31.2					0	"	21
36.2	30.8	29.0	40.1	67	1007.6	310	10	0	15		34.6	28.6					0	"	22
31.3	30.5	30.3	43.1	95	1005.0	360	10	0	18		35.4	31.2					0	"	23
34.6	31.6	30.7	44.1	80	1007.1	310	5	0	18		35.8	31.0					0	"	24
35.0	33.0	32.4	48.7	87	1006.8	310	6	0	16		35.6	31.6					0	"	25
34.2	31.8	31.1	45.1	84	1007.1	310	8	0	18		36.8	30.2					0	"	26
35.4	31.2	29.8	42.1	73	1008.0	310	6	0	18		36.0	29.0					0	"	27
34.2	32.6	32.2	48.0	89	1008.4	310	8	0	18		37.0	30.8					0	"	28
35.0	33.2	32.7	49.4	88	1008.2	310	4	0	17		38.2	32.4					0	"	29
36.6	33.6	32.8	49.7	81	1006.0	360	10	0	17		36.8	30.4					0	"	30
35.6	31.2	29.8	41.9	72	1007.5	360	8	0	18		37.3	30.4					0	"	31
35.3	32.1	31.2	45.5	80	1006.1	–	9	0	16		36.5	30.4							Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter < 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm : Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : August	Year : 1964
		Station : Farsi Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 28°00' N.	Long : 50°10' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : August Year : 1964
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Sheikh Shu'aib
		Lat : 26°48' N. Long : 53°22' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	30.0	28.5	27.9	37.8	89	997.4	330	1	1	6	33.5	29.7	28.4	38.7	75	998.1	170	8	6	10	1
2	31.4	29.3	28.6	39.1	85	996.6	120	12	2	8	33.8	29.7	28.3	38.5	73	996.7	170	11	0	12	2
3	31.4	29.0	28.1	38.1	83	996.4	120	2	3	10	34.0	29.4	27.8	37.4	70	996.5	180	8	0	12	3
4	30.7	29.0	28.4	38.7	88	997.2	050	1	0	6	35.7	29.5	27.3	36.3	62	997.8	180	9	0	15	4
5	30.6	28.0	27.0	35.7	81	998.2	300	1	0	6	35.8	29.0	26.5	34.6	59	998.1	190	4	0	4	5
6	30.2	29.0	28.6	39.1	91	996.1	080	1	6	4	34.3	30.3	28.9	40.0	74	995.8	170	8	3	2	6
7	32.1	29.6	28.7	29.5	83	994.7	130	7	6	6	34.8	30.6	29.2	40.6	73	994.3	150	14	0	4	7
8	31.1	29.7	29.2	40.6	90	995.7	310	1	7	4	35.0	31.2	30.0	42.4	76	995.2	180	3	5	6	8
9	30.6	27.8	26.7	35.1	79	996.7	330	1	1	6	34.8	31.0	29.8	41.9	75	996.8	140	5	0	10	9
10	32.5	29.5	28.4	38.9	79	993.9	120	1	0	2	35.4	31.1	29.7	41.8	73	994.2	190	12	0	5	10
11	31.0	28.7	27.8	37.5	83	994.2	270	1	0	6	34.4	29.9	28.3	38.5	71	994.4	170	8	0	4	11
12	29.5	27.8	27.2	36.0	87	994.0	300	1	0	4	34.7	28.7	26.5	34.6	63	994.1	240	4	0	4	12
13	30.2	29.1	28.3	39.5	92	993.1	270	1	0	1.2	34.4	30.5	29.2	40.5	74	994.2	150	7	0	1.2	13
14	32.5	30.2	29.4	41.1	84	997.7	110	18	1	5	34.2	29.3	27.6	36.9	69	998.5	140	20	2	8	14
15	31.4	29.4	28.7	39.4	86	999.2	280	1	0	6	34.8	30.3	28.8	39.6	71	998.8	220	7	2	4.5	15
16	31.1	28.3	27.3	36.2	80	996.9	030	1	0	4	33.5	29.8	28.6	39.0	75	996.1	140	15	0	4	16
17	32.4	29.8	28.9	39.8	82	996.6	110	7	7	4	34.1	29.8	28.3	38.5	72	996.2	130	13	0	15	17
18	31.0	29.4	28.9	39.8	88	996.8	270	1	0	5	35.8	30.2	28.3	38.5	65	996.9	190	7	0	7	18
19	30.1	28.0	27.2	36.1	85	997.7	270	1	0	15	35.1	30.4	29.1	40.4	71	998.2	180	8	0	15	19
20	31.9	29.5	28.7	39.4	83	998.5	130	10	2	6	34.7	29.5	27.7	37.1	67	998.7	150	14	0	8	20
21	30.4	28.3	27.5	36.8	85	998.1	280	1	0	15	34.0	30.1	28.8	39.5	74	998.6	170	9	0	15	21
22	33.2	30.3	29.3	40.9	80	999.3	120	3	2	6	35.3	30.7	29.2	40.5	71	999.4	180	9	2	8	22
23	30.5	28.3	27.5	36.7	84	998.2	290	2	1	6	35.3	28.5	25.9	33.8	58	998.8	220	6	1	10	23
24	29.5	28.3	27.9	37.5	91	997.9	300	1	4	8	35.3	29.7	27.7	37.2	65	997.9	210	8	4	8	24
25	29.3	28.3	27.9	37.7	92	997.2	300	1	0	20	35.1	30.0	28.3	38.4	68	998.5	190	3	0	15	25
26	29.0	28.0	27.7	37.0	92	998.9	280	2	0	25	34.5	29.4	27.6	37.0	68	999.1	210	10	0	22	26
27	29.4	27.5	26.8	35.2	86	998.5	300	3	0	30	34.7	28.2	25.7	33.0	60	999.5	130	4	0	20	27
28	29.4	28.0	21.6	36.5	90	999.1	280	1	0	24	34.6	29.6	27.8	37.5	68	1000.3	190	4	[illegible]	20	28
29	30.3	28.9	28.4	38.7	89	997.2	260	1	8	24	34.7	30.7	29.4	41.0	74	996.9	140	13	1	20	29
30	32.5	28.9	27.6	36.9	75	997.5	110	6	3	20	34.0	29.5	27.9	37.7	71	998.6	140	17	0	18	30
31	31.7	29.8	29.1	40.4	86	1000.9	140	11	0	15	33.2	29.0	27.5	36.7	72	1001.6	130	19	0	15	31
Av.	30.9	28.9	27.9	37.8	85	997.1	–	3	2	10	34.6	29.9	28.5	38.3	69	997.4	–	10	1	10	Av.

CODE FOR REMARKS

Clear :	Average of cloudiness = 0/8	O – cast :	Overcast. Average of cloudiness = 8/8
Fair :	Average of cloudiness = 1/8 – 2/8	Haze :	Visibility reduced by dry particles
P. Cloudy :	Partly Cloudy. Average of cloudiness = 3/8 – 5/8	Mist :	Visibility reduced by wet particles
Cloudy :	Average of cloudiness = 6/8 – 7/8	Dust :	Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: August Year: 1964
Station: Sheikh Shu'aib

Ground Level: 2 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 26°48' N. | Long: 53°22' E.

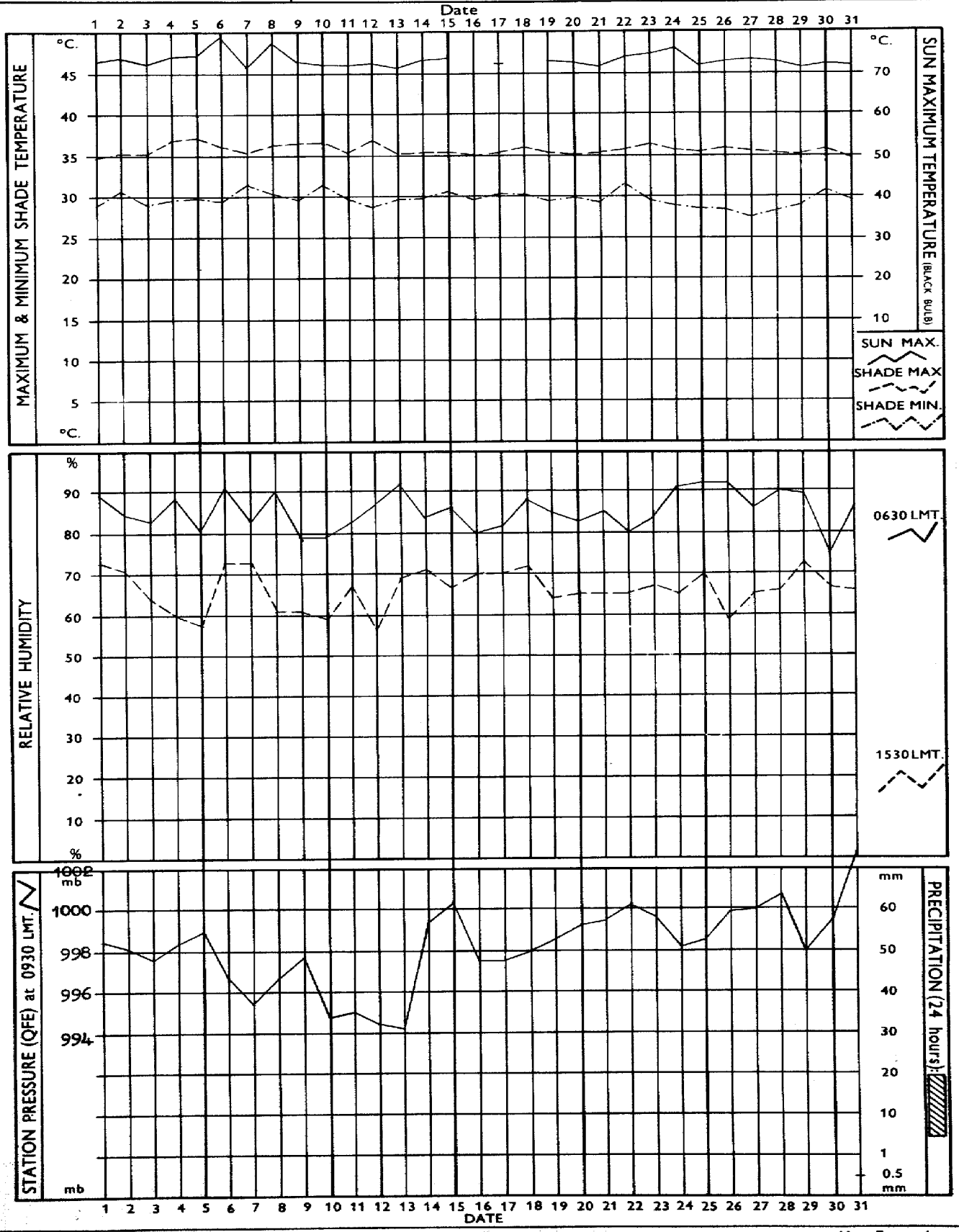
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 - 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
33.3	30.0	28.9	39.8	78	996.0	220	3	0	12	32.5	34.8	28.9	28.8	73.0	170	9	0	Haze	1
34.1	28.6	26.6	34.8	65	994.6	290	9	0	10	31.8	35.2	30.7	30.4	73.8	120	14	0	"	2
33.3	30.0	28.9	39.8	78	995.3	220	7	1	10	32.5	35.2	29.0	28.5	72.5			0	Fair	3
34.5	27.7	25.0	31.7	58	997.3	280	10	0	10	32.3	37.0	29.5	29.0	74.3	290	18	0	Haze	4
34.5	28.6	26.4	34.5	63	996.4	280	8	2	4	32.2	37.2	29.9	19.3	74.6	270	13	0	"	5
34.0	29.9	28.5	39.0	73	994.1	280	4	0	1	32.8	36.2	29.4	28.5	78.9			0	Dust	6
33.7	29.6	28.2	38.3	73	993.2	240	1	3	10	32.5	35.4	31.5	31.5	71.5	130	16	0	Haze	7
34.4	30.0	28.5	38.9	72	995.1	290	6	1	8	32.8	36.3	30.4	30.3	77.3	300	15	0	"	8
34.7	29.0	26.9	35.5	64	993.9	280	4	0	3	32.5	36.5	29.5	28.2	73.2	240	10	0	"	9
34.0	28.5	26.4	34.5	65	993.0	290	5	0	5	32.3	36.6	31.4	31.0	72.1	290	15	0	Dust	10
33.3	29.2	27.8	37.3	73	993.3	170	3	0	4	32.2	35.3	29.7	28.6	72.2	150	11	0	Haze	11
34.8	28.6	26.3	34.2	61	992.7	300	5	0	4	32.3	36.7	28.8	28.5	72.6	310	10	0	"	12
33.5	29.7	28.4	38.6	75	993.9	220	2	0	4	31.5	35.3	29.6	29.2	71.5			0	Mist	13
33.1	29.7	28.6	39.0	77	998.2	220	3	7	5	31.9	35.4	29.7	29.1	73.3	140	21	0	Haze	14
33.6	27.8	25.6	32.8	63	996.9	290	7	1	6	32.3	35.5	30.5	30.5	73.8	250	11	0	"	15
33.1	29.5	28.3	38.4	76	995.2	210	1	0	4	32.0	35.0	29.5	29.1		160	12	0	"	16
32.9	29.4	28.2	38.2	76	996.1	240	2	4	10	31.8	35.4	30.3	30.2	72.3	160	10	0	Fair	17
33.7	29.0	27.3	36.3	69	996.1	290	8	0	2	33.1	36.0	30.1	29.3		310	11	0	Haze	18
33.8	28.8	26.9	35.6	68	997.1	300	4	0	15	32.1	35.4	29.4	29.2	73.0	300	9	0	Clear	19
33.9	28.9	27.1	35.8	68	997.2	240	8	0	9	32.2	35.1	29.9	29.1	72.5	160	12	0	Haze	20
33.5	29.3	27.8	37.4	72	998.0	330	6	3	15	32.5	35.2	29.3	28.6	71.7	310	13	0	Fair	21
34.5	27.1	24.1	30.0	55	997.8	300	6	3	5	32.8	35.8	31.6	31.3	73.8	320	8	0	Haze	22
33.8	28.2	26.1	33.8	64	996.7	300	7	1	6	33.0	36.4	29.4	29.4	74.5	240	10	0	"	23
33.7	28.8	27.1	35.7	68	996.3	300	10	3	12	33.1	35.7	28.9	27.1	76.0	310	11	0	"	24
33.8	28.9	27.1	35.9	68	997.6	290	5	0	24	32.2	35.4	28.5	28.3	72.2	250	10	0	Clear	25
33.4	28.2	26.2	34.1	65	998.3	290	8	0	20	32.6	36.0	28.4	27.0	72.8			0	"	26
33.7	29.0	27.3	36.2	69	998.2	330	2	1	20	32.0	35.6	27.5	26.3	73.3	270	4	0	"	27
33.1	28.6	26.9	35.6	70	997.6	290	10	0	26	32.2	35.4	28.2	26.2	73.0	290	15	0	Fair	28
33.3	30.0	28.9	39.8	78	996.4	250	1	7	24	32.0	35.1	28.9	27.8	71.5	140	17	0	P.Cloudy	29
33.0	29.0	27.6	36.9	73	998.3	220	3	1	10	32.3	35.9	30.9	30.6	72.6	140	17	0	Fair	30
32.7	28.7	27.2	36.2	73	1001.2	210	1	2	10	31.5	34.7	29.6	28.0	72.2			0	"	31
33.7	29.0	26.6	36.2	69	996.2	–	5	1	10	32.6	35.7	29.6	29.0	73.3					Av.

CODE FOR REMARKS (continued)

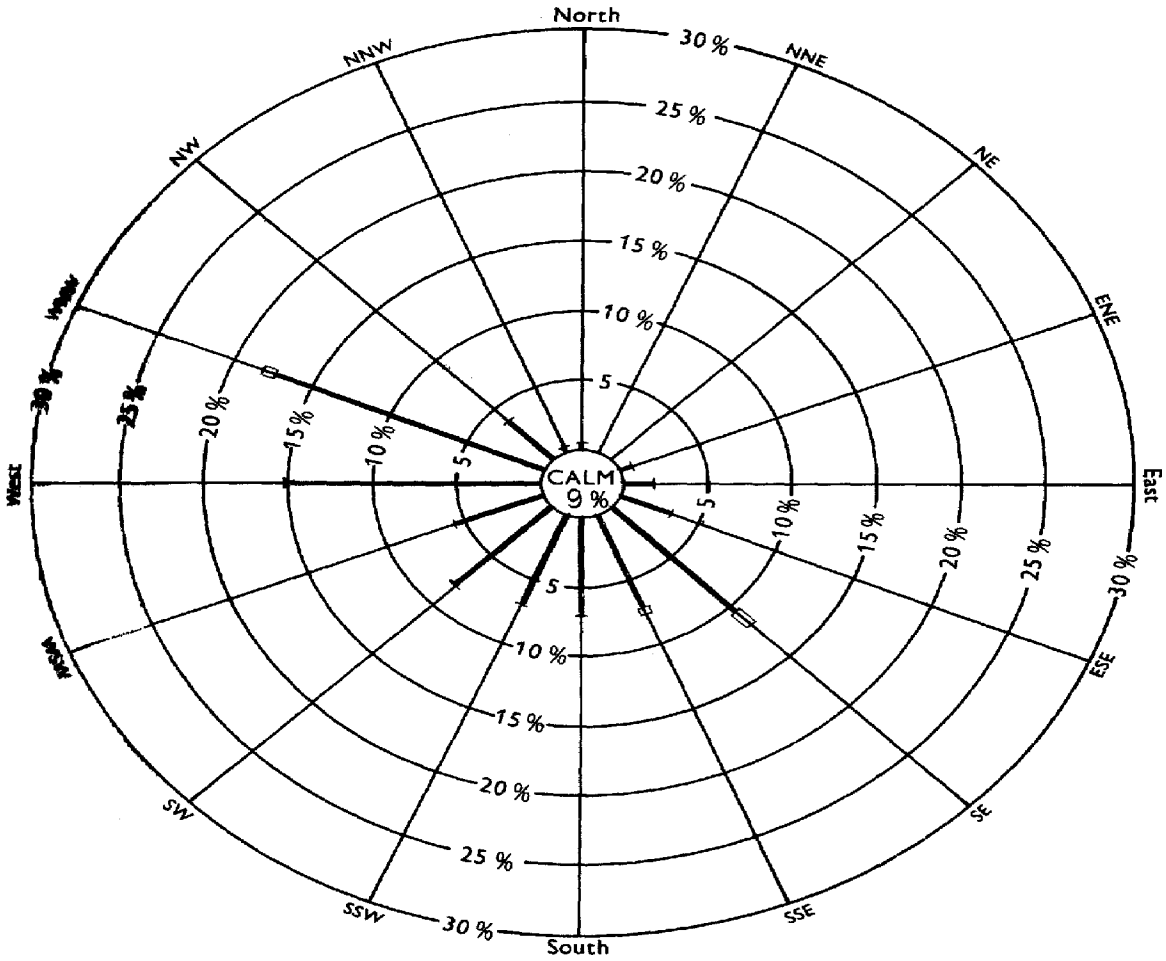
Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : August	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.

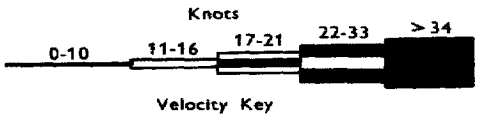


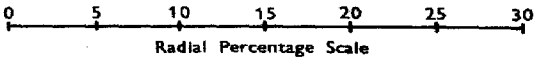
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : August	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 744

Hours recorded 729



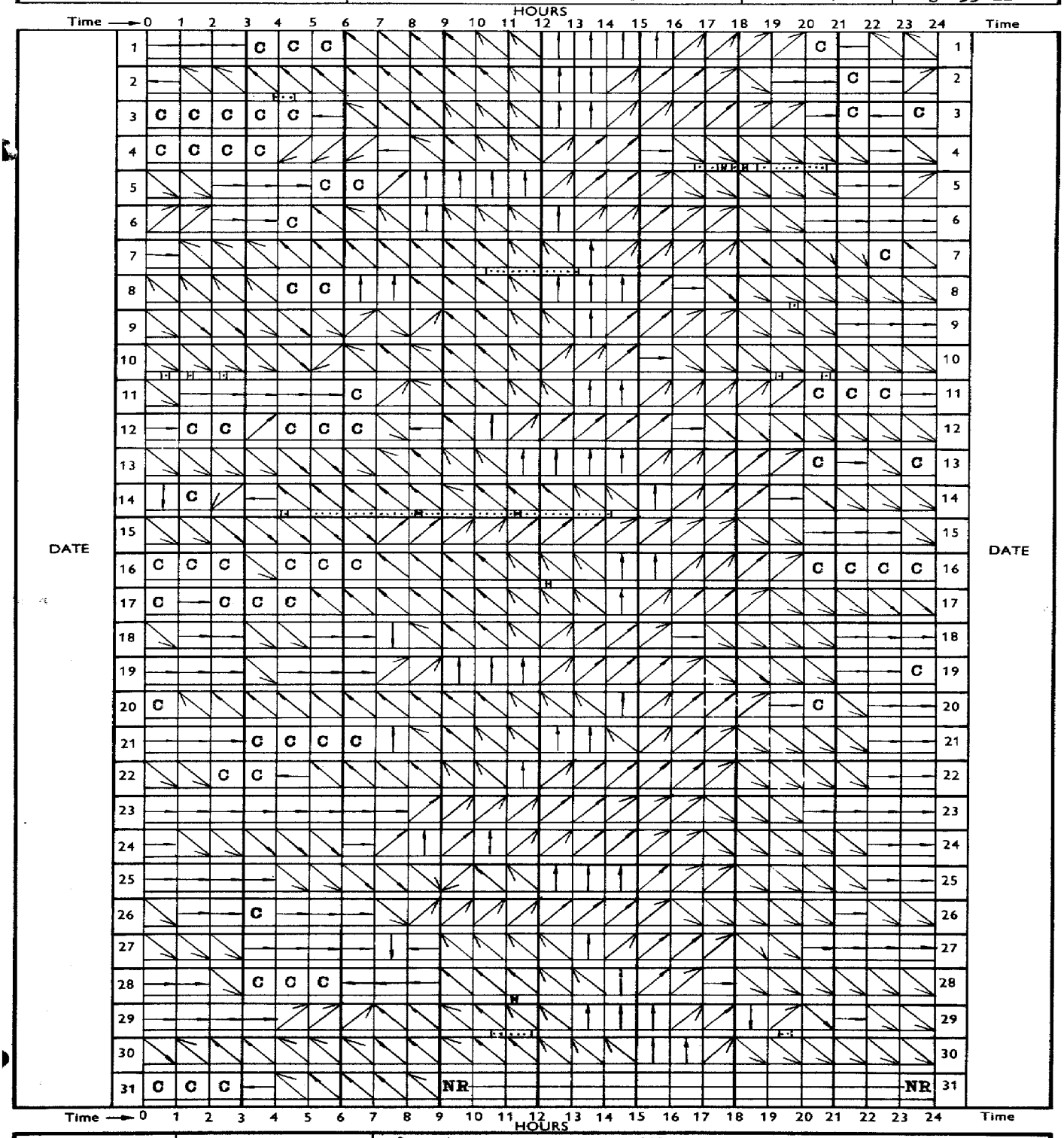


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

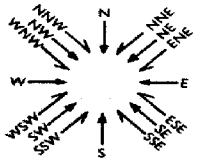
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : August	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY

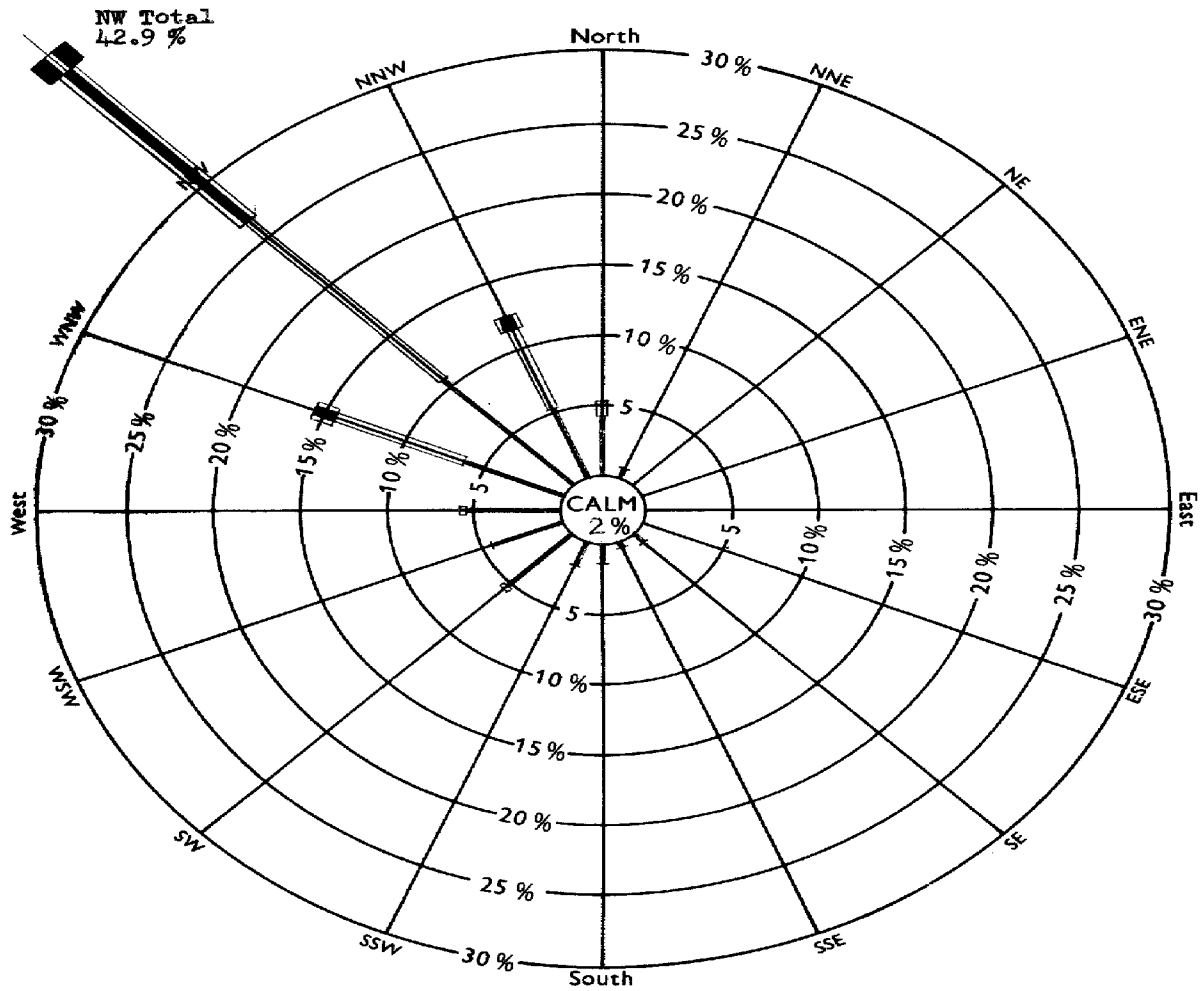


3 4 40 Example : From 0300 to 0400 hrs. NNW. more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots.)

Remarks :

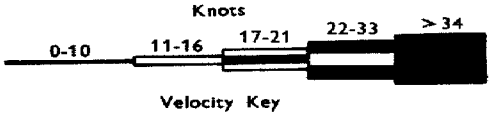
Met. Form 6

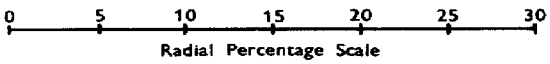
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : August	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



Hours in month 744

Hours recorded 730



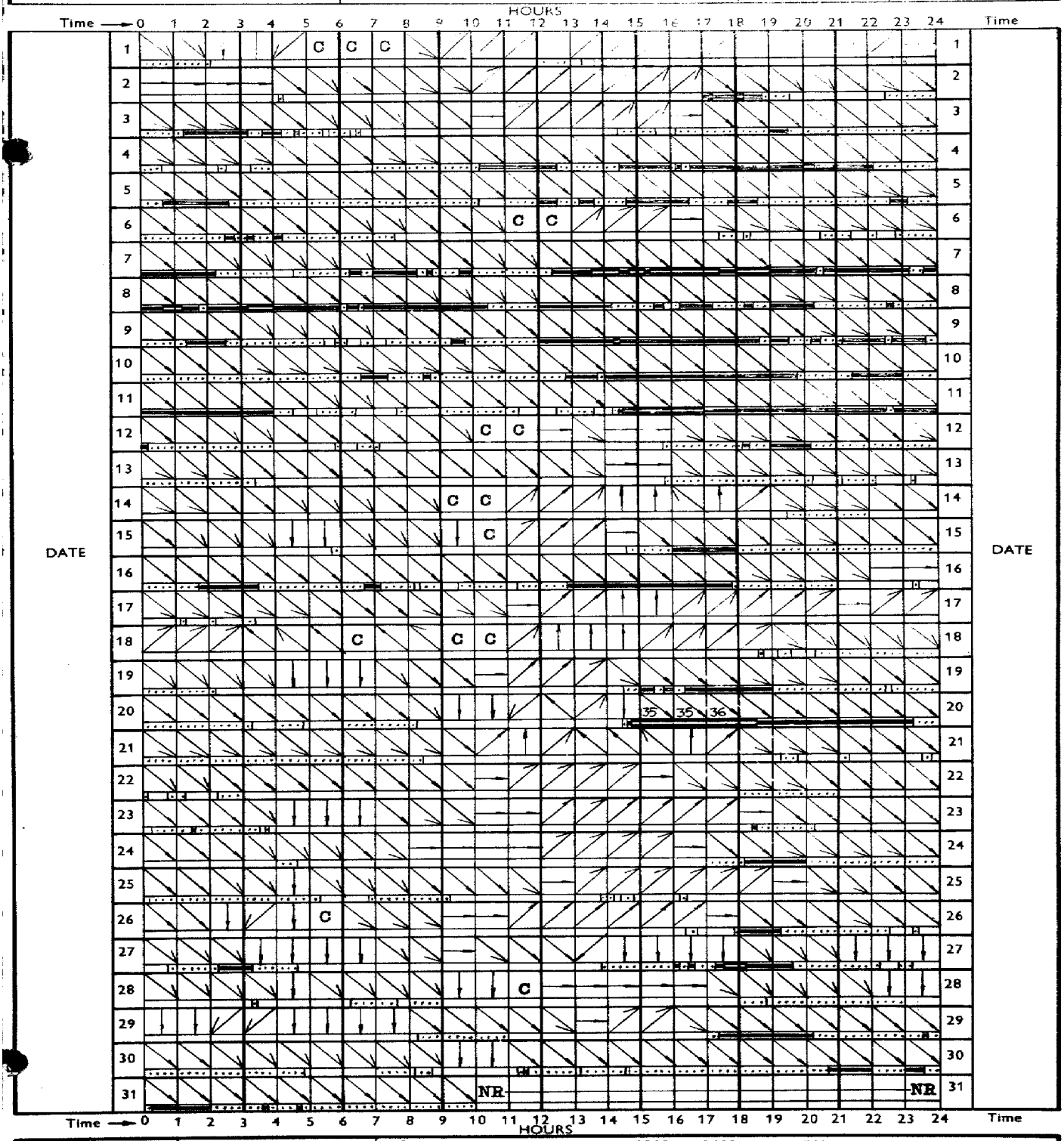


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

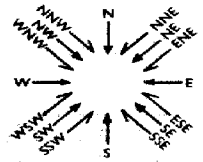
Remarks : The wind directions WNW, NW and NNW constitute together 71.1 % of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : August	Year : 1954
		Station : [illegible]	
Ground Level : [illegible] AMSL	Local Time : GMT + 3½ hrs.	Lat. [illegible]' N.	Long : [illegible]' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks : Due to neglect in putting on the recording chart on correct time and superimposed recordings, the exact times for occurrence of certain wind speeds are somewhat uncertain for the period 3rd to 12th.

Met. Form 6

MEAN SEA LEVEL PRESSURE (QFF) MB

Date	Masjid-i-Sulaiman 0630	1230	1830	Agha Jari 0630	1230	1830	Gach Saran 0630	1230	1830	Ahwaz 0630	1230	1830
1	995.3	996.1	994.9	997.9	997.9	995.8	995.6	994.4	994.0	997.6	997.3	995.5
2	995.4	994.8	993.4	996.8	996.4	994.2	994.0	992.5	991.7	995.9	995.7	994.1
3	994.7	994.5	994.2	996.4	996.3	994.3	993.2	992.7	992.6	995.6	995.8	994.8
4	995.2	996.1	996.0	997.9	998.5	997.1	994.6	994.5	995.2	997.3	997.6	996.8
5	998.8	998.6	996.6	999.8	999.9	997.2	996.9	995.8	995.0	998.8	999.4	997.4
6	996.0	996.4	994.3	997.7	997.5	995.4	995.4	993.5	993.3	997.0	996.9	994.7
7	993.2	993.0	992.6	994.9	994.9	993.0	992.1	990.6	989.5	994.2	994.4	992.9
8	993.5	994.6	994.0	996.3	996.7	994.5	991.0	992.7	991.9	995.5	996.4	994.6
9	996.1	995.6	993.8	998.0	997.9	995.0	995.1	994.8	992.5	997.1	997.5	993.9
10	993.9	992.9	991.3	996.4	995.3	992.1	993.7	990.9	990.1	995.3	994.2	991.3
11	992.1	991.3	990.1	994.6	994.2	992.3	991.5	989.9	990.9	992.9	993.4	991.9
12	992.3	991.4	990.6	994.5	994.0	991.9	991.7	989.9	990.2	993.1	993.3	991.3
13	991.2	991.4	991.5	993.8	993.5	992.0	991.0	989.1	990.5	992.7	993.1	991.4
14	995.3	995.9	996.4	997.7	998.2	997.9	994.6	994.8	996.2	995.9	997.5	997.0
15	999.2	997.3	995.7	1000.7	999.0	996.5	997.4	995.1	994.2	1000.1	998.7	996.6
16	995.7	994.4	992.2	997.7	996.3	993.5	994.6	991.9	991.5	997.4	995.8	992.6
17	993.1	993.7	993.2	995.4	995.9	994.5	992.3	992.0	992.8	993.9	995.0	994.0
18	995.9	995.9	996.0	997.8	998.0	996.4	995.2	994.3	993.9	996.2	997.7	996.3
19	996.5	996.3	996.0	997.7	998.6	997.1	995.2	995.2	995.2	997.6	997.7	996.3
20	995.8	996.8	995.7	997.6	999.0	996.8	995.2	995.2	995.1	996.5	997.7	996.2
21	995.3	996.0	995.9	997.7	998.2	997.2	994.3	995.0	995.1	996.7	997.0	996.1
22	997.7	997.5	996.2	999.5	999.6	997.8	996.5	996.4	995.8	998.2	999.1	997.2
23	997.4	996.9	995.8	998.9	998.7	996.5	996.4	995.6	994.4	998.1	998.2	996.1
24	996.3	995.9	994.8	997.5	997.6	995.9	995.6	994.4	994.7	996.8	997.0	995.0
25	996.5	996.4	996.1	998.2	998.0	997.1	996.3	995.3	995.5	997.3	993.7	997.1
26	998.2	997.2	998.0	999.6	999.5	998.5	997.5	995.8	996.7	998.7	998.8	998.1
27	998.1	998.9	997.7	999.8	999.9	998.7	997.6	996.3	996.7	998.7	999.8	998.3
28	999.2	999.1	998.0	999.7	999.5	998.1	998.3	997.3	996.4	999.2	1000.5	998.5
29	997.9	996.1	995.0	998.3	997.1	995.5	995.0	993.6	993.3	998.5	997.3	995.5
30	996.1	996.7	996.1	998.4	998.5	997.3	995.1	994.0	995.3	997.3	997.8	996.2
31	998.8	999.8	998.5	1000.6	1000.4	1000.4	996.9	996.8	998.9	999.1	999.8	998.5
Av.	995.8	995.7	994.9	997.7	997.6	995.8	994.8	993.9	993.9	996.7	996.9	995.4

Date	Abadan 0630	1230	1830	Bandar Mashur 0630	1230	1830	Kharg Island 0630	1230	1830	Sheikh Shu'aib 0630	1230	1830
1	997.7	998.2	995.8	997.2	997.7*	995.7	997.3	998.7	996.0	997.8	998.5	996.4
2	996.7	996.6	994.9	996.0	995.7	994.0	996.0	996.5	994.3	997.0	997.1	995.0
3	996.7	996.3	996.3	995.7	995.7	994.4	996.1	996.6	994.9	996.8	997.0	995.7
4	998.5	998.6	997.9	997.4	997.6	996.0	997.5	998.7	997.6	997.6	998.2	997.7
5	999.7*	1000.8*	998.8	999.0	999.3	997.1	998.8	999.9	997.3	998.6	998.5	994.8
6	997.8	997.9	995.8	997.3	996.9	994.5	997.2	997.2	995.1	996.5	996.2	994.5
7	995.4	996.0*	995.0*	994.2	994.6	993.1	994.3	995.2	993.5	995.1	994.6	993.6
8	996.4	997.3	996.4	995.8	996.1	994.5	994.9	996.8	995.0	996.1	996.6	995.5
9	998.6	998.6	996.3	997.5	997.1	994.9	997.0	998.1	994.9	997.1	997.2	994.3
10	996.8	995.7	993.6	995.8	994.2	991.7	995.9	995.5	992.6	994.3	994.6	993.4
11	994.0	994.3	992.8	993.5	993.3	991.9	993.3	994.3	993.5	994.6	994.8	993.7
12	994.0	994.1	992.9	993.5	993.7	991.4	993.8	993.5	992.7	994.4	994.5	993.1
13	993.4	994.0	992.5	994.6	994.0	991.6*	993.2	993.5	992.8	993.5	994.6	994.3
14	996.8*	998.2*	997.7	994.7	997.2*	997.7	996.5	998.6	998.3	998.1	999.0	998.6
15	1000.6	999.8	998.1	999.7	998.7	996.4	999.7	999.4	996.6	999.6	999.2	997.3
16	998.3	997.1	994.5	997.4	995.5	993.3	997.3	996.6	993.9	997.3	996.5	995.6
17	995.1	995.9	994.8	994.4	995.3	994.0	994.9	996.2	995.1	997.0	996.6	996.5
18	996.7	997.8	996.8	996.6	997.3	995.9	996.8	997.7	996.1	997.2	997.3	996.5
19	998.5	998.8	997.7	997.3	998.2	996.5	997.0	998.8	997.3	998.1	998.6	997.5
20	997.3	998.9	998.2	996.5	998.0	996.5	997.4	998.5	997.1	998.9	999.1	997.6
21	997.4*	997.9	996.7	997.0	997.5	996.1	997.8	998.8	997.5	998.5	999.0	998.4
22	999.2	999.3	998.0	998.6	999.2	997.0	998.6	999.3	997.6	999.7	999.8	998.2
23	998.7	998.8	997.1	998.0	998.2	996.2	997.6	998.3	996.7	998.6	999.2	997.1
24	997.5	997.6	996.6	996.8	997.4	995.5	996.6	997.7	995.9	998.3	998.3	996.7
25	998.1	998.3	997.8	997.3	997.7	997.0	996.8	998.0	997.2	997.6	998.9	998.0
26	999.5	999.1	998.8	998.9	998.9	998.0	998.7	999.0	998.3	999.3	999.5	998.7
27	999.2	999.8	999.6	998.7	999.2	998.3	998.4	999.4	997.7	998.9	999.9	998.6
28	999.8*	1001.0*	998.8	998.5	999.7	997.7	998.6	999.5	997.8	999.5	1000.7	998.0
29	998.8	998.2	997.0	997.5	996.8	995.2	996.9	996.9	995.1	997.6	997.3	996.8
30	998.6	999.1	997.5	997.9	998.1	996.6	997.1	998.0	997.0	997.9	999.0	998.7
31	1000.2	1000.3	999.8	999.9	1000.0	999.3	999.9	1000.9	1000.1	1001.3	1002.0	1001.6
Av.	997.6	997.9	996.6	996.9	997.1	995.4	996.8	997.6	996.0	997.5	997.8	996.6

* Values obtained from barograph.

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WEATHER BUREAU

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

METEOROLOGICAL OBSERVATIONS

for

SEPTEMBER 1964

~~137-076~~

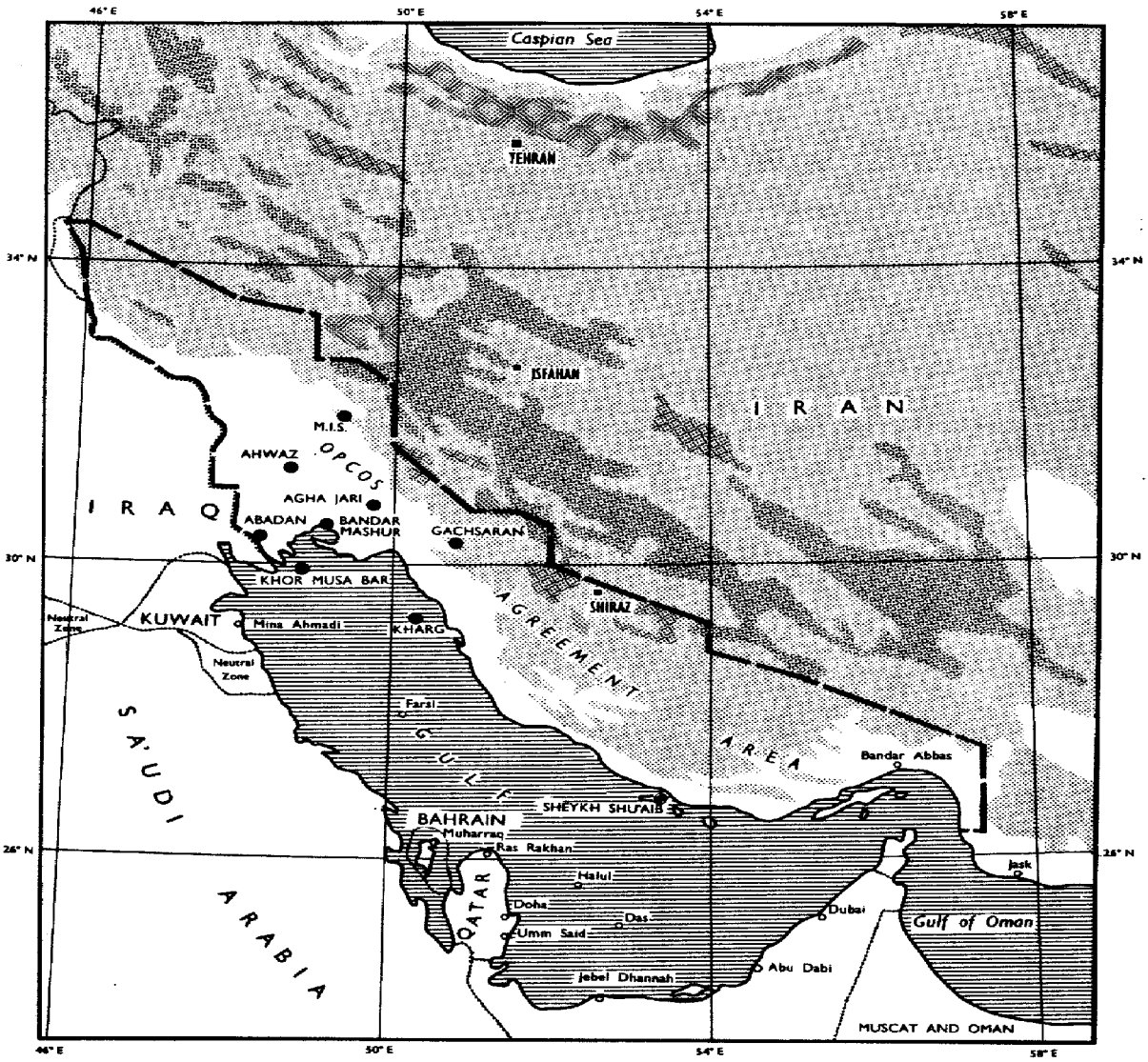
88.

IRANIAN OIL OPERATING COMPANIES'
WEATHER STATIONS

50 0 100 200 300 400 500

Kilometres

SCALE 1 : 8,000,000



LEGEND

Company Weather Station	KHARG	NOTE : Khor Musa Bar, weekly recording anemograph only
Non - company Weather Station	Jebel Dhanneh	
Ground elevation over 500 metres AMSL		
Ground elevation over 2000 metres AMSL		
Companies' Agreement Boundary		NOTE : Boundary extends 3 statute miles offshore from mainland and adjacent islands
International Boundaries		

Met. Form No. 1

WEATHER BULLETIN

September 1964.

CONTENTS.

The following stations are included in this bulletin.

Station	Index Number	Latitude	Longitude	Height AMSL	Page
Masjid-i-Sulaiman (Airport) 1)	40 812	31°59' N	49°16' E	362 m.	4
Agha Jari (Ummidieh airport) 1)	40 833	30°44' N	49°40' E	29 m.	9
Gach Saran (Du Gombadan airport) 1)	40 835	30°20' N	50°50' E	709 m.	14
Ahwaz (Airport) 2)	-	31°20' N	48°45' E	21 m.	17
Abadan (IOOC airport) 2)	-	30°22' N	48°13' E	3 m.	20
Bandar Mashur (Marine Department) 3)	40 832	30°30' N	49°12' E	3 m.	23
Kharg Island (Airport) 1)	40 845	29°16' N	50°20' E	3 m.	28
Farsi Island (I.I. Navy) 4)	-	28°00' N	50°10' E	3 m.	33
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	35
Khor Musa (Instrument platform) 5)	-	30°00' N	49°02' E	6 m.	41

1) International Synoptic and Aeronautical Station.
2) Climatological and Aeronautical Station.
3) International Synoptic Station.
4) Climatological Station.
5) Wind recording only.

REMARKS.

See "Remarks" in the July 1964 bulletin.

WEATHER.

The following table gives the departures from the normal September values of certain meteorological elements (+ = higher than normal; - = lower than normal).

	Maximum Temperature °C	Minimum Temperature °C	Ground Minimum Temp. °C	Sun Maximum Temp. °C	Sea Temperature °C	Relative Humidity Average of day %	Station Pressure mb
Masjid-i-Sulaiman	+0.4	+1.0	-0.9	+2.6		+1	-0.4
Agha Jari	+1.1	-3.0		-0.7		-8	-0.1
Gach Saran	+0.3	-2.3	-0.1	-0.7		±0	-0.5
Ahwaz	+0.8	+2.3					
Abadan	-0.8	-2.3				-7	+0.5
Bandar Mashur	-0.6	+1.2		+0.4			-0.4
Kharg Island	-0.1	-0.4	-0.7			+1	-0.1
Sheikh Shu'aib	-0.4	+0.5		+2.5	-1.0	+1	-0.7

Sharji (humid southerly winds) were experienced in most of Fields area during the following days:

OPTICAL PHENOMENA.

No optical phenomena were reported during the month.

EARTHTREMORS, ETC.

Earthtremors were reported at the following occasions.

Date	Time	Station
1st	1410	Agha Jari
7th	0504	" "

T. Bergquist
Meteorologist
IMCOS Ltd.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month: September Year: 1964

Local Time: GMT + 3½ hrs.

STATION	Maximum Temperature Monthly Average °C	Maximum Temperature Monthly Highest °C	Date	Minimum Temperature Monthly Average °C	Minimum Temperature Monthly Lowest °C	Date	Ground Min. Temperature Monthly Average °C	Ground Min. Temperature Monthly Lowest °C	Date	Sea Temp Monthly Average °C	Sun Maximum Temperature Monthly Average °C	Sun Maximum Temperature Monthly Highest °C	Date	Humidity Vapour Pressure at 0930 mb	Humidity Dew Point Depression at 0930 °C	Humidity Rel. Hum. Daily avr. %	Humidity Rel. Hum. 1530 (avr.) %	Humidity Rel. Hum. 0630 (avr.) %	Rainfall Monthly Total mm	Rainfall Maximum in 24 hrs. mm	Date	Station Pressure (QFE) at 0930 Monthly Average mb	Station Pressure (QFE) at 0930 Monthly Highest mb	Date	Station Pressure (QFE) at 0930 Monthly Lowest mb	Date	Maximum Wind Velocity Velocity kts.	Maximum Wind Velocity Direction degr.	Date
Masjid-i-Sulaiman	40.9	44.4	13	24.3	20.8	30	18.8	16.3	29		71.8	74.6	13	9.3	28.1	18	11	27	0.0	0.0	-	964.8	972.9	29	960.5	2	26	290	14
Agha Jari	43.0	46.9	12	19.4	14.4	30	18.0	13.2	30		74.7	79.4	3	11.7	24.5	16	7	36	0.0	0.0	-	1003.2	1012.0	29	998.5	2	31	330	30
Gach Saran	38.9	42.6	13	18.4	15.0	11	17.9	14.6	28		69.6	74.2	1	9.6	26.8	22	11	37	0.0	0.0	-	926.6	934.1	29	922.0	2			
Ahwaz	42.7	46.7	14	21.0	15.8	26	19.3	14.8	26					15.3	18.5	29	14	49	0.0	0.0	-	1003.0	1012.1	29	998.3	3			
Abadan	41.1	45.7	8	21.7	16.6	29								13.1	20.4	27	13	46	0.0	0.0	-	1005.5	1014.2	29	1000.3	2			
Bandar Mashur	40.3	46.2	13	23.1	19.3	29					70.6	74.8	12	19.0	14.3	43	19	64	0.0	0.0	-	1005.0	1013.9	29	1000.1	2	27	310	15
Kharg Island	35.8	39.8	8	26.5	22.0	29	24.2	19.2	29		69.0	72.0	5	28.4	9.5	60	42	75	0.0	0.0	-	1004.9	1013.2	29	999.8	2	30	360	16
Farsi Island	36.3	39.5	21	29.0														70	0.0	0.0	-								
Sheikh Shu'aib	35.1	37.5	30	27.7	24.1	28	26.0	21.4	27	31.5	72.1	74.6	3	33.5	7.6	71	62	82	0.0	0.0	-	1005.5	1013.1	29	1000.8	2	24	140	14
Khor Musa																											34	310	15

NUMBER OF DAYS WITH:

STATION	Maximum Temperature < 10.0° C.	10.0 - 19.9° C.	20.0 - 29.9° C.	30.0 - 39.9° C.	40.0 - 44.9° C.	≥ 45.0° C.	Minimum Temperature < 0.0° C.	0.0 - 9.9° C.	10.0 - 19.9° C.	20.0 - 29.9° C.	30.0 - 34.9° C.	≥ 35.0° C.	Horizontal Visibility ≤ 200 m.	200 - 500 m.	500 - 1000 m.	1-2 km.	2-5 km.	5-15 km.	15-30 km.	≥ 30 km.	Fog (Vis. ≤ 1km.)	Dust (Vis. ≤ 1km.)	Thunderstorms	24 Hour Rainfall ≥ 0.1 mm	0.1 – 0.9 mm	1.0 – 4.9 mm	5.0 – 9.9 mm	≥ 10 mm	≥ 1 inch	Cloudiness ≥ 7/8 at 0930	≤ 2/8 at 0930	Daily Average
Masjid-i-Sulaiman	0	0	0	8	22	0	0	0	0	30	0	0	0	0	0	0	3	11	14	2	0	0	0	0	0	0	0	0	0	0	30	0.0
Agha Jari	0	0	0	4	19	7	0	0	18	12	0	0	0	0	1	3	4	12	9	1	0	1	0	0	0	0	0	0	0	0	30	0.0
Gach Saran	0	0	0	22	8	0	0	0	23	7	0	0	0	0	0	0	2	11	17	0	0	0	0	0	0	0	0	0	0	0	30	0.0
Ahwaz	0	0	0	5	19	6	0	0	10	20	0	0	0	0	0	1	4	11	14	0	0	0	0	0	0	0	0	0	0	0	30	0.0
Abadan	0	0	0	10	18	2	0	0	6	24	0	0	1	0	0	1	9	7	12	0	0	1	0	0	0	0	0	0	0	1	28	0.3
Bandar Mashur	0	0	0	15	13	2	0	0	2	28	0	0	2	0	0	0	7	8	13	0	1	1	0	0	0	0	0	0	0	0	30	0.1
Kharg Island	0	0	0	30	0	0	0	0	0	28	2	0	0	0	3	1	2	6	18	0	0	3	0	0	0	0	0	0	0	0	30	0.0
Farsi Island	0	0	0	30	0	0															0	0	0	0	0	0	0	0	0			
Sheikh Shu'aib	0	0	0	30	0	0	0	0	0	30	0	0	0	0	1	0	4	9	14	2	0	1	0	0	0	0	0	0	0	4	20	1.0

92.

Met. Form 2

3.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : September Year : 1964
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Masjid-i-Sulaiman
		Lat : 31°59' N. Long : 49°16' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	29.6	17.6	7.8	10.6	26	961.1	–	0	0	5	42.5	21.5	5.2	8.9	11	960.3	–	0	0	5	1
2	28.4	16.8	6.8	9.9	25	960.0	–	0	0	5	41.2	22.0	8.4	11.1	14	959.3	260	8	0	6	2
3	29.2	17.4	7.6	10.5	26	960.1	–	0	0	10	42.4	20.8	2.7	7.4	9	960.0	270	10	0	10	3
4	28.5	18.5	11.2	13.3	34	960.0	–	0	0	20	41.5	23.0	11.2	13.3	17	960.9	250	5	0	10	4
5	28.7	18.6	11.2	13.4	34	962.3	–	0	0	20	41.5	22.2	8.8	11.4	14	963.1	270	10	0	25	5
6	28.8	17.2	7.4	10.4	26	963.2	050	2	0	20	39.8	20.0	2.8	7.6	10	964.1	250	2	0	20	6
7	26.4	16.0	6.8	9.9	29	962.1	–	0	0	20	40.9	21.0	5.4	9.0	12	962.3	–	0	0	20	7
8	26.8	16.0	6.1	9.4	27	960.6	300	10	0	15	41.0	23.0	11.7	13.8	18	961.7	270	8	0	20	8
9	27.4	15.1	2.3	7.3	20	960.6	–	0	0	30	37.8	18.2	-1.7	5.3	8	961.9	–	0	0	30	9
10	23.7	13.8	3.5	7.9	27	962.8	–	0	0	12	37.0	18.3	-0.1	6.1	10	963.3	270	4	0	20	10
11	23.2	13.4	2.9	7.6	27	962.5	–	0	0	30	38.9	19.0	-0.1	6.1	9	964.0	100	8	0	20	11
12	25.8	13.8	0.1	6.2	19	963.1	–	0	0	30	42.2	20.6	2.0	7.1	9	962.5	290	8	0	60	12
13	30.2	16.2	2.2	7.2	17	961.0	–	0	0	25	43.7	21.2	2.2	7.2	8	961.8	200	8	0	25	13
14	28.5	16.2	4.9	8.7	22	962.6	–	0	0	15	42.0	21.0	4.0	8.1	10	964.0	300	4	0	20	14
15	28.1	15.6	3.3	7.7	20	964.4	–	0	0	5	40.3	20.7	5.1	8.8	12	964.4	300	6	0	6	15
16	24.2	14.8	6.1	9.4	31	962.9	–	0	0	10	39.8	20.0	2.8	7.6	10	962.9	190	4	0	8	16
17	25.7	15.0	4.6	8.5	26	964.0	–	0	0	10	41.0	20.5	4.5	8.5	12	965.1	–	0	0	12	17
18	26.0	16.0	7.2	10.2	30	965.9	–	0	0	12	39.2	22.4	11.6	13.7	19	966.9	–	0	0	15	18
19	26.4	17.0	9.4	11.9	35	965.2	–	0	0	20	39.4	22.1	10.6	12.8	18	965.8	270	8	0	20	19
20	26.0	15.0	4.2	8.3	25	964.3	–	0	0	20	38.6	21.9	10.8	12.9	20	964.3	280	4	0	40	20
21	24.2	13.2	0.6	6.4	21	963.1	–	0	0	30	39.6	19.5	1.0	6.6	9	963.8	–	0	0	30	21
22	24.8	13.8	1.8	7.0	22	963.1	–	0	0	20	38.0	18.6	-0.3	6.0	9	963.2	270	4	0	30	22
23	22.6	14.0	5.7	9.2	34	962.6	–	0	0	20	36.1	18.8	3.5	7.9	13	964.1	270	6	0	30	23
24	23.0	14.2	5.6	9.2	32	964.2	–	0	0	20	39.0	20.0	4.1	8.2	12	965.3	240	4	0	25	24
25	24.0	14.6	5.5	9.0	30	966.8	–	0	0	30	39.4	19.8	2.8	7.5	10	967.2	–	0	0	30	25
26	23.2	11.8	-3.0	4.8	17	966.4	300	5	0	20	38.2	18.9	0.7	6.4	10	966.1	300	4	0	25	26
27	22.0	13.4	4.6	8.5	32	965.4	–	0	0	15	37.1	19.4	4.5	8.5	13	966.1	180	6	0	15	27
28	21.5	13.2	4.5	8.9	33	969.8	–	0	0	15	35.0	18.4	3.7	8.0	14	969.8	290	6	0	6	28
29	22.1	14.4	7.3	10.3	39	972.0	–	0	0	12	34.8	19.4	7.3	10.3	18	972.1	–	0	0	12	29
30	21.6	13.6	5.8	9.2	36	970.2	–	0	0	8	36.0	18.8	3.7	8.0	13	969.4	270	6	0	10	30
31																					31
Av.	25.7	15.2	5.1	9.0	27	963.7	–	1	0	17	39.5	20.4	4.6	8.8	12	964.2	–	4	0	20	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: September Year: 1964

Station: Masjid-i-Sulaiman

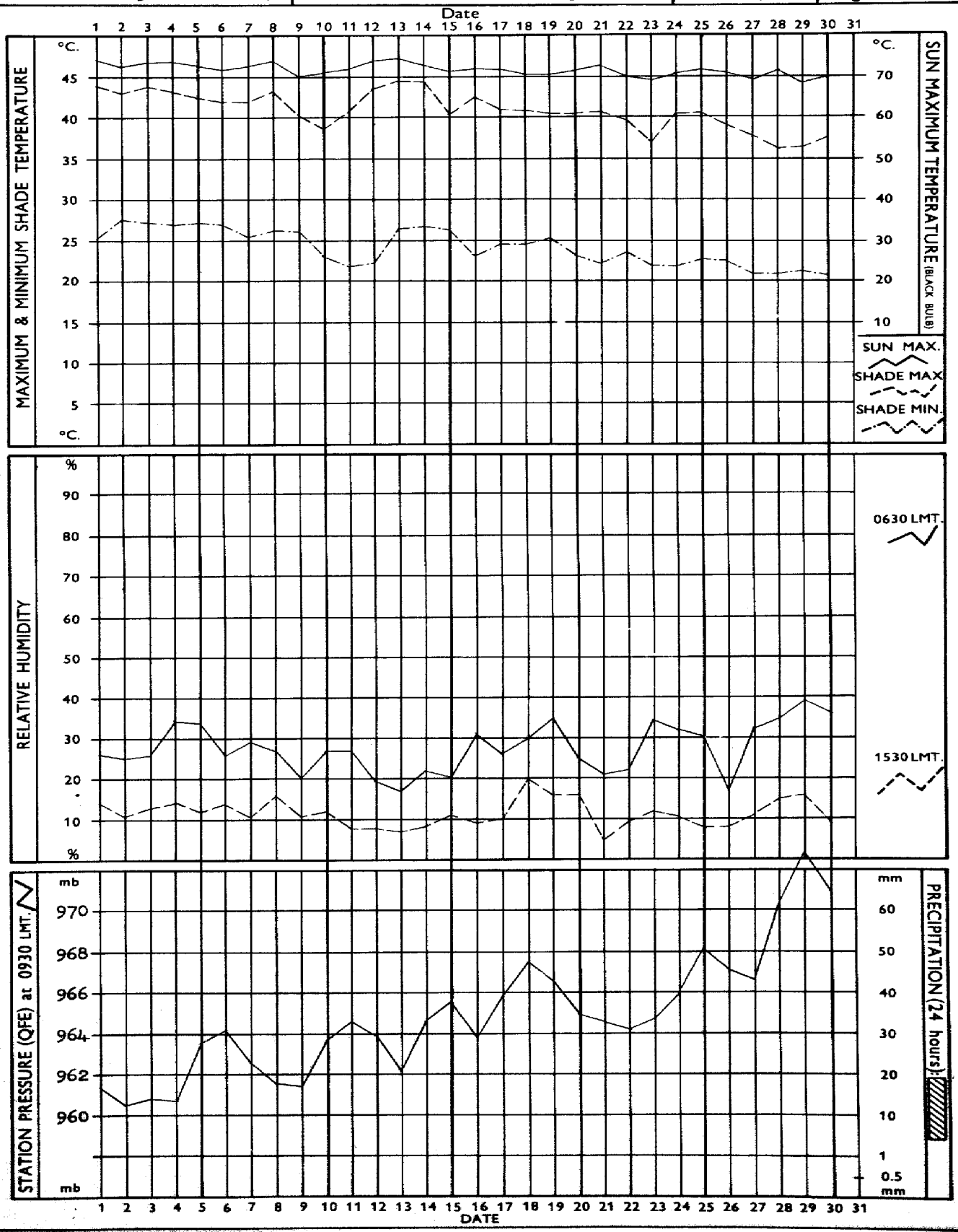
Ground Level: 362 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 31°59' N. | Long: 49°16' E.

Observations at 1830											Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility			Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km		°C	°C	°C	°C	°C	deg	kt	mm		
39.4	22.0	10.3	12.6	18	959.7	270	2	0	5			44.0	28.1	22.2	74.5	250	16	0	Haze	1
40.4	20.8	5.2	8.9	12	957.9	240	5	0	10			43.0	27.6	21.4	72.7		13	0	"	2
40.3	21.8	8.8	11.4	15	958.3	260	4	0	10			43.7	27.2	19.4	73.8	240	13	0	"	3
41.2	22.0	8.4	11.1	14	959.8	250	10	0	20			43.2	27.0	20.5	74.0	250	14	0	"	4
39.6	20.8	6.1	9.5	13	961.5	240	10	0	30			42.5	27.2		73.0	230	11	0	Clear	5
39.3	21.0	7.3	10.3	15	962.0	200	10	0	25			42.0	27.1	20.6	72.0	270	13	0	"	6
39.8	20.2	3.8	8.0	11	960.0	250	2	0	20			42.0	25.5	19.3	72.8	230	13	0	"	7
39.5	19.8	2.4	7.3	10	960.5	270	2	0	25			43.3	26.3	19.8	74.0	280	20	0	"	8
35.6	17.4	-1.7	5.3	9	961.5	–	0	0	20			40.2	26.1	18.9	70.0	130	12	0	"	9
36.0	17.6	-1.5	5.4	9	962.5	–	0	0	25			38.8	23.0	15.6	71.0	180	11	0	"	10
38.4	19.4	2.6	7.4	11	962.5	100	6	0	29			40.8	21.8	15.0	72.2	280	14	0	"	11
40.0	20.0	2.7	7.4	10	960.9	300	10	0	20			43.5	22.3	17.7	74.1	270	17	0	"	12
40.0	20.5	4.5	8.5	12	961.0	250	2	0	30			44.4	26.4	19.4	74.6	240	10	0	"	13
39.2	19.2	0.4	6.3	9	963.1	270	10	0	20			44.4	26.8	20.2	73.2	290	26	0	"	14
35.8	18.2	1.6	6.8	12	962.9	–	0	0	10			40.2	26.3	22.2	71.3	250	11	0	Haze	15
37.4	18.8	1.6	6.9	11	962.5	–	0	0	10			42.5	23.2		72.2	210	7	0	"	16
38.2	19.0	1.1	6.7	10	963.7	240	2	0	10			41.0	24.5	19.2	72.0	270	12	0	"	17
36.8	21.0	10.0	12.3	21	964.5	270	4	0	15			40.7	24.6	20.7	70.6	250	13	0	Clear	18
36.0	20.4	9.0	11.5	19	963.9	270	4	0	30			40.4	25.3	19.4	70.6	250	18	0	"	19
36.5	20.4	8.6	11.2	18	963.4	–	0	0	30			40.4	23.2	18.7	71.5	270	15	0	"	20
35.8	17.2	-3.1	4.8	8	963.0	290	2	0	30			40.6	22.3	18.4	72.8	270	21	0	"	21
35.4	18.2	2.2	7.2	12	962.1	260	5	0	30			39.5	23.5	18.3	70.0	240	16	0	"	22
32.4	17.0	2.1	7.1	15	963.4	270	2	0	30			37.0	22.0	18.1	69.3	270	15	0	"	23
36.2	18.5	2.2	7.2	12	964.6	–	0	0	20			40.3	22.0	17.2	71.1	270	13	0	"	24
36.6	18.4	1.1	6.7	11	966.1	280	7	0	40			40.6	22.8	18.0	71.8	270	16	0	"	25
34.0	18.0	3.4	7.9	15	965.6	270	2	0	20			39.1	22.5	17.1	71.1	250	16	0	"	26
32.0	17.6	4.9	8.8	18	966.0	–	0	0	10			37.8	21.0	16.2	69.0	210	9	0	Haze	27
31.5	18.0	6.8	9.9	21	970.1	–	0	0	12			36.3	21.0	17.0	71.6	260	14	0	"	28
32.4	18.6	7.6	10.4	21	971.3	–	0	0	8			36.4	21.2	16.3	68.3	290	14	0	"	29
32.5	17.8	4.8	8.7	17	969.2	–	0	0	4			37.6	20.8		70.0	270	17	0	"	30
																				31
36.9	19.3	4.1	8.5	14	963.1	–	3	0	20			40.9	24.3	18.8	71.8					Av.

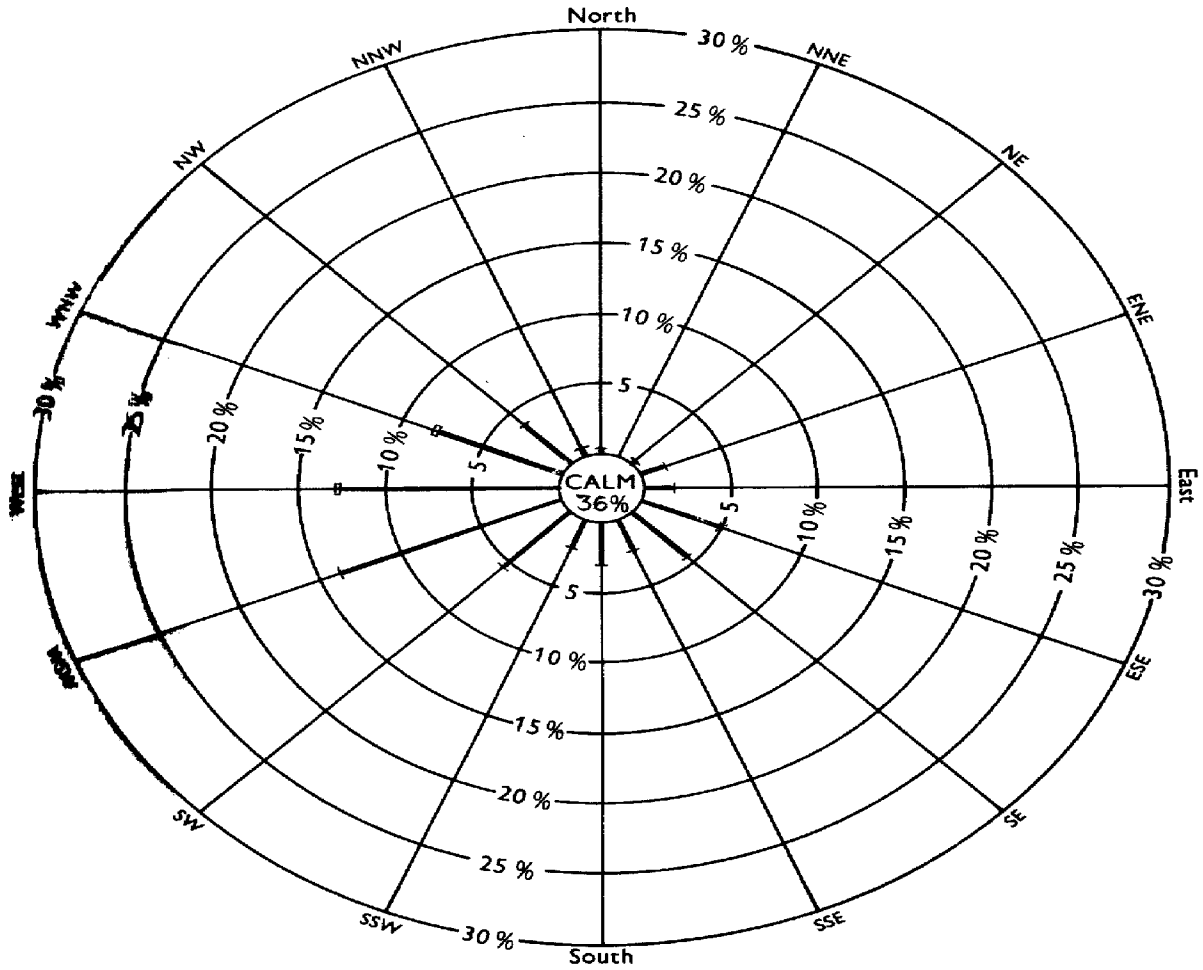
CODE FOR REMARKS (continued)

Sandst: Sandstorm. Vis. < 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter < 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : September	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.

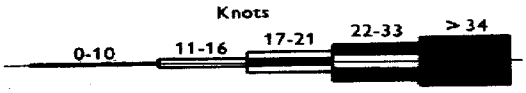


IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : September	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.

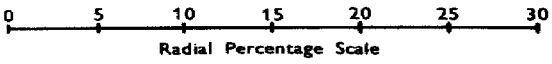


Hours in month 720

Hours recorded 707



Velocity Key



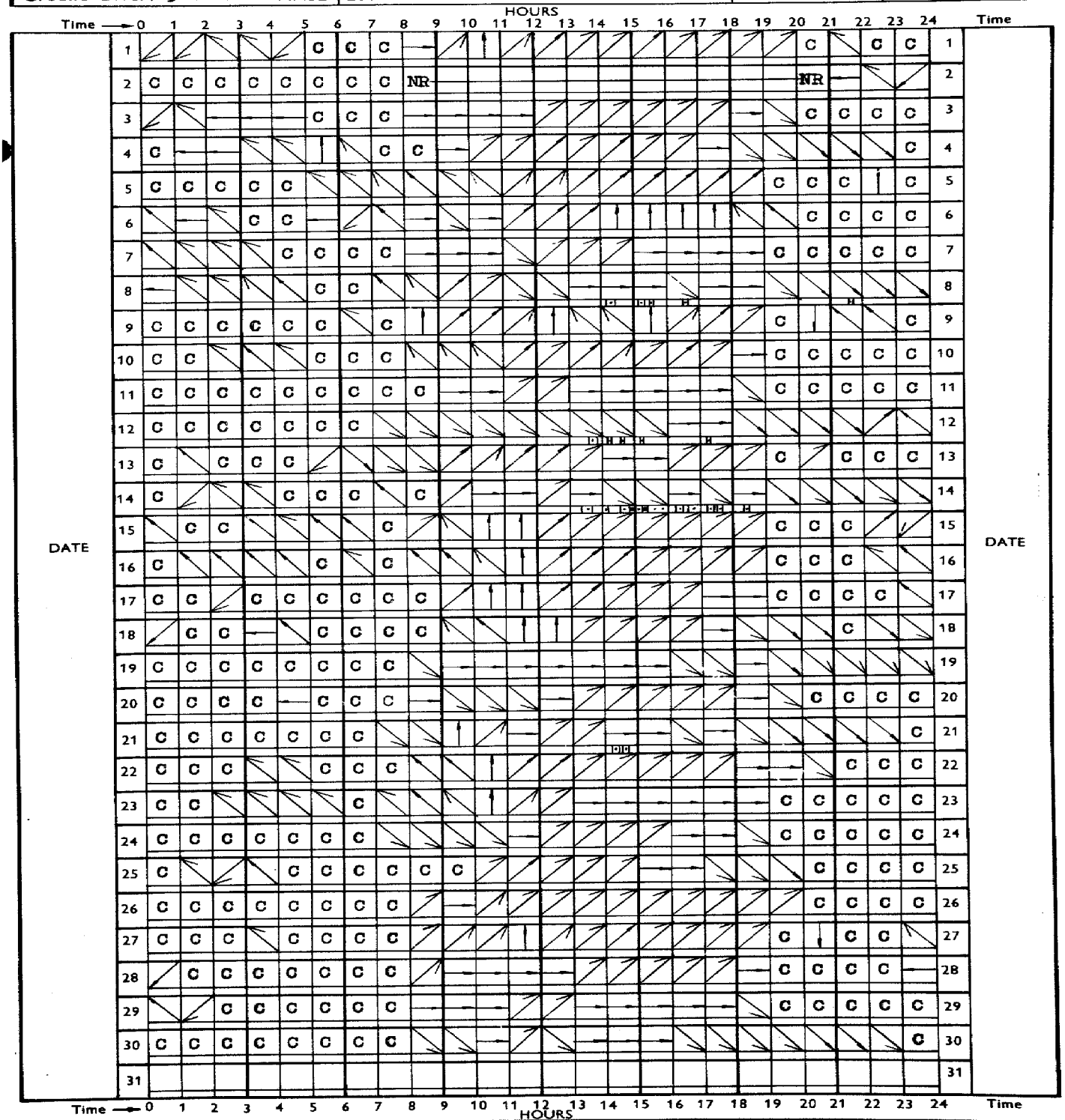
Radial Percentage Scale

Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

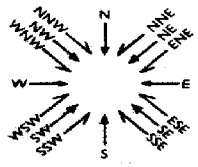
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : September	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964
Station : Agha Jari

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long : 49°40' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	27.4	22.2	19.5	22.7	62	998.6	–	0	0	1.5	41.0	22.8	11.1	13.2	17	998.2	190	4	0	3	1
2	25.3	15.9	7.8	10.6	33	998.0	–	0	0	2.5	40.5	22.3	10.1	12.4	16	997.2	–	0	0	2.5	2
3	25.0	19.5	16.1	18.4	58	998.1	–	0	0	2	41.1	23.7	13.4	15.4	20	997.8	–	0	0	3	3
4	23.6	17.5	13.2	15.2	52	998.7	130	2	0	6	40.8	24.1	14.6	16.7	22	999.2	250	2	0	8	4
5	21.4	12.1	1.2	6.7	26	1000.1	150	2	0	8	41.6	21.2	5.2	8.9	11	1000.8	270	4	0	12	5
6	21.7	13.2	4.4	8.4	32	1001.2	140	2	0	12	42.1	21.0	3.7	8.0	10	1001.5	260	12	0	20	6
7	22.4	15.6	10.1	12.4	45	1000.2	–	0	0	15	41.4	21.0	4.7	8.6	11	999.5	270	2	0	20	7
8	22.8	14.4	6.4	9.7	35	998.1	–	0	0	15	40.8	22.5	10.4	12.7	17	999.1	190	2	0	20	8
9	24.9	12.7	-2.7	5.0	16	998.7	–	0	0	12	39.5	17.6	-9.9	2.7	4	1000.2	320	15	0	20	9
10	16.7	8.2	-4.9	4.1	21	1001.1	–	0	0	12	39.1	18.1	-5.0	4.0	5	1001.3	320	6	0	15	10
11	18.9	10.0	-2.2	5.2	24	1001.8	–	0	0	20	39.5	19.0	-1.1	5.6	8	1001.9	310	2	0	20	11
12	19.6	13.0	6.5	9.7	42	1000.3	–	0	0	20	41.5	21.9	7.8	10.6	13	1000.2	–	0	0	20	12
13	20.7	13.4	6.3	9.6	39	999.1	–	0	0	15	42.4	23.1	10.7	12.9	15	999.5	220	4	0	20	13
14	23.4	17.7	13.7	15.7	55	1001.3	–	0	0	15	40.7	24.3	15.2	17.2	22	1002.0	230	4	0	15	14
15	22.4	13.1	3.1	7.6	28	1003.6	–	0	0	4	37.3	18.5	0.4	6.3	10	1002.3	210	9	0	6	15
16	19.4	11.4	2.1	7.2	32	1001.7	–	0	0	4	38.4	19.0	0.8	6.5	10	1001.3	200	5	0	3	16
17	21.1	13.3	5.4	9.0	36	1002.4	–	0	0	15	40.7	22.3	9.8	12.2	16	1002.9	180	2	0	20	17
18	19.9	11.6	1.7	7.1	31	1004.4	–	0	0	15	41.9	21.4	5.6	9.1	11	1004.2	300	4	0	15	18
19	19.2	11.0	1.0	6.6	30	1003.5	–	0	0	15	41.0	19.1	-3.4	4.6	6	1003.8	330	15	0	15	19
20	19.4	10.3	-1.8	5.3	23	1001.8	–	0	0	20	38.8	18.1	-4.4	4.3	6	1002.4	–	0	0	30	20
21	17.7	9.2	-2.7	4.9	24	1001.4	–	0	0	30	39.4	18.5	-3.6	4.6	6	1002.3	–	0	0	30	21
22	18.4	9.1	-4.9	4.1	19	1001.5	–	0	0	6	37.4	18.6	0.6	6.4	10	1001.7	270	5	0	30	22
23	18.8	10.3	-0.9	5.7	26	1002.2	–	0	0	8	36.5	18.2	0.4	6.3	10	1002.7	310	4	0	15	23
24	17.0	8.9	-2.8	4.9	25	1003.0	–	0	0	15	38.5	19.0	0.6	6.4	9	1003.6	–	0	0	30	24
25	17.6	10.0	0.1	6.2	31	1005.3	–	0	0	30	38.2	19.2	2.1	7.1	11	1005.5	–	0	0	30	25
26	18.9	12.0	4.7	8.6	40	1005.3	–	0	0	15	36.0	18.5	2.4	7.3	12	1004.9	280	4	0	6	26
27	16.4	9.5	0.6	6.4	34	1004.5	–	0	0	2	35.7	18.7	3.8	8.0	14	1004.2	200	2	0	4	27
28	20.1	16.2	13.3	15.4	65	1007.6	–	0	0	6	35.7	20.3	9.0	11.5	20	1008.5	130	4	0	6	28
29	18.7	13.8	9.4	11.9	55	1010.4	–	0	0	6	36.6	18.5	1.4	6.8	11	1011.0	330	2	0	10	29
30	14.7	8.6	0.5	6.3	38	1008.9	–	0	0	15	38.1	18.3	-2.2	5.2	8	1007.7	330	15	0	15	30
31																					31
Av.	20.4	12.8	4.1	9.0	36	1002.1	–	0	0	12	39.4	20.3	3.8	8.7	12	1002.2	–	4	0	15	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8
Fair : Average of cloudiness = 1/8 – 2/8
P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8
Cloudy : Average of cloudiness = 6/8 – 7/8
O – cast : Overcast. Average of cloudiness = 8/8
Haze : Visibility reduced by dry particles
Mist : Visibility reduced by wet particles
Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month: September Year: 1964
Station: Agha Jari

Ground Level: 29 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 30°44' N. | Long: 49°40' E.

Observations at 1830

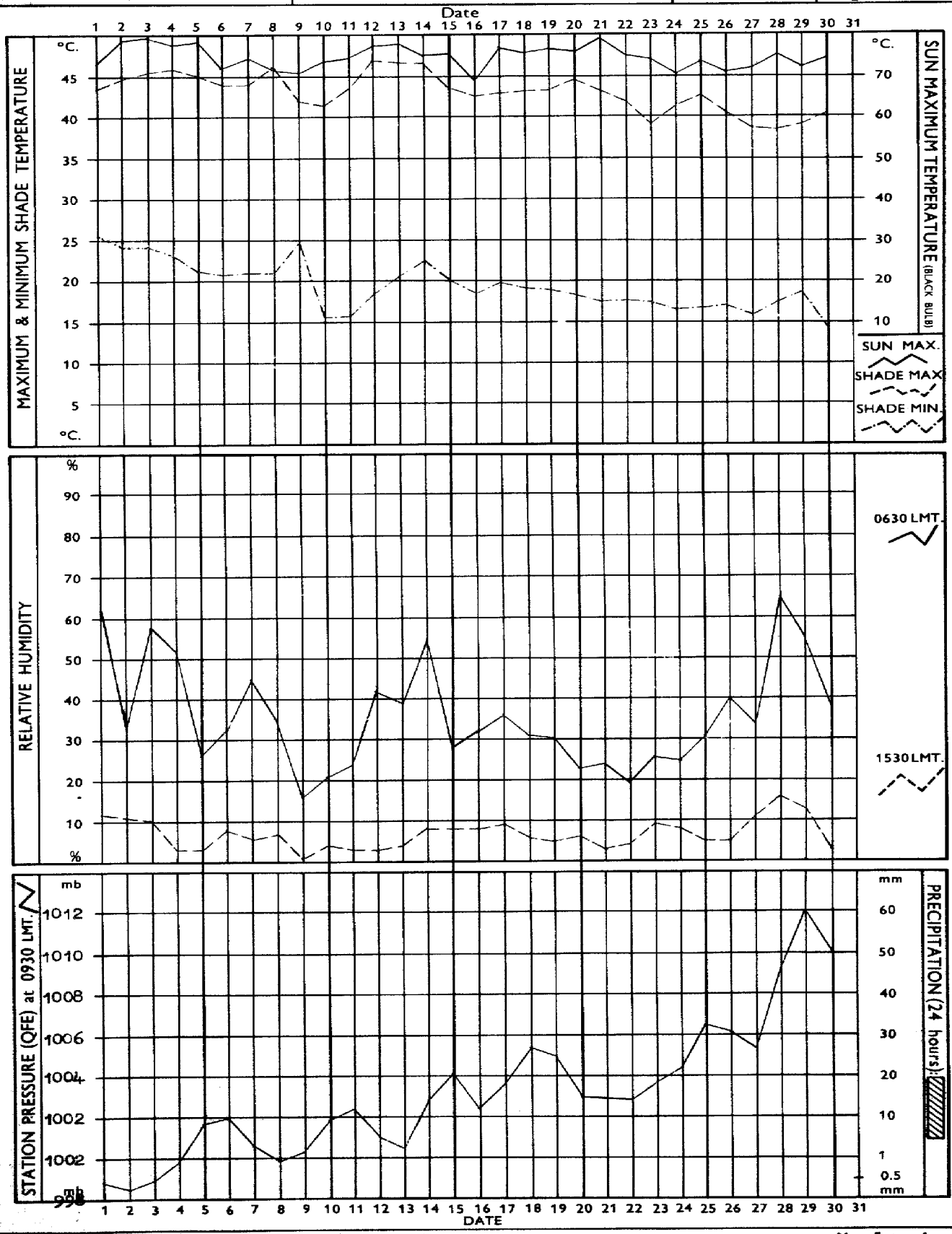
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Extreme Temperature: Maximum Shade Temperature	Extreme Temperature: Minimum Shade Temperature	Extreme Temperature: Ground Minimum Temperature	Extreme Temperature: Sun Maximum Temperature	Max. Wind: Direction	Max. Wind: Velocity	24 hour Rainfall (1830 – 1830)	Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
38.6	18.7	-0.9	5.7	8	997.1	180	4	0	4		43.4	25.6	24.5	73.0	230	14	0	Haze	1
41.0	21.2	6.0	9.4	12	995.0	280	6	0	3		44.6	24.2	23.0	78.2	310	12	0	"	2
41.0	20.0	1.1	6.6	9	995.2	320	6	0	8		45.5	24.2	23.0	79.4	330	17	0	"	3
42.3	19.6	-3.3	4.7	6	996.7	320	6	0	8		45.9	23.2	21.2	77.8	310	17	0	"	4
40.5	19.2	-1.7	5.3	7	999.2	260	6	0	20		45.0	21.2	19.8	78.4	270	13	0	"	5
39.6	19.5	1.1	6.6	9	999.4	270	4	0	20		44.0	20.8	19.2	72.0	260	17	0	Clear	6
40.5	20.2	2.8	7.5	10	996.9	270	2	0	20		44.0	20.9	19.1	74.5	290	16	0	"	7
42.0	19.2	-5.1	4.1	5	996.6	340	10	0	15		46.2	21.0	19.0	71.9	340	27	0	"	8
36.1	16.7	-6.7	3.5	6	999.1	310	4	0	15		42.0	24.5	23.2	70.9	310	21	0	"	9
36.9	18.0	-1.2	5.5	9	1000.0	–	0	0	20		41.4	15.8	14.7	73.7		19	0	"	10
39.0	18.2	-4.4	4.3	6	999.4	320	4	0	20		43.5	15.7	13.7	74.5	330	20	0	"	11
39.8	18.4	-5.0	4.1	6	997.6	310	10	0	12		46.9	18.4	17.0	77.1	330	27	0	"	12
42.1	20.2	0.2	6.2	8	997.8	320	4	0	20		46.3	20.4	18.8	77.5	360	15	0	"	13
40.6	19.1	-4.0	4.4	6	1000.3	340	16	0	0.8		46.7	22.4	20.7	74.9		25	0	Dust	14
37.2	18.6	1.0	6.6	10	1000.5	310	4	0	6		43.6	20.0	18.4	75.4	180	12	0	Haze	15
37.0	18.5	0.8	6.5	10	1000.3	240	6	0	15		42.6	18.6	17.3	69.1	270	11	0	"	16
37.2	20.2	7.1	10.1	16	1001.6	260	4	0	20		42.9	19.9	18.8	77.0	270	15	0	Clear	17
38.0	19.0	1.4	6.8	10	1001.7	280	7	0	15		43.2	19.1	18.2	76.0	320	19	0	"	18
36.5	17.4	-3.4	4.6	8	1001.2	320	10	0	20		43.2	18.9	18.0	76.7	320	22	0	"	19
37.2	17.8	-2.8	4.9	8	1000.6	320	8	0	40		44.5	18.3	17.0	76.0	330	14	0	"	20
35.4	16.5	-6.1	3.7	6	1000.6	330	6	0	12		43.2	17.4	15.1	79.0	310	22	0	"	21
35.9	17.1	-3.8	4.5	8	1000.4	300	14	0	12		41.9	17.6	16.5	75.1	280	23	0	Haze	22
33.9	16.8	-1.3	5.5	10	1001.0	320	10	0	20		39.2	17.3	16.4	74.1	300	20	0	"	23
36.6	18.7	2.3	7.3	12	1002.4	–	0	0	30		41.3	16.6	15.2	70.4	300	11	0	Clear	24
36.5	17.1	-5.1	4.0	7	1003.5	310	4	0	30		42.5	16.7	15.0	73.4	330	17	0	"	25
34.6	17.5	0.5	6.3	11	1003.8	300	12	0	2		40.5	17.0	15.0	70.7	310	24	0	Haze	26
30.2	17.0	5.2	8.9	21	1004.5	190	6	0	4		38.6	15.9	14.9	72.0	240	14	0	"	27
31.6	17.0	3.3	7.8	17	1008.7	210	2	0	8		38.6	17.4	16.1	75.1	250	14	0	"	28
32.9	17.5	3.3	7.7	15	1009.4	320	10	0	15		38.9	18.5	16.6	72.3	330	14	0	"	29
34.5	16.2	-5.6	3.9	7	1006.3	330	12	0	6		40.2	14.4	13.2	74.6	330	31	0	"	30
																			31
37.5	18.4	-0.8	5.9	9	1000.6	–	7	0	15		43.0	19.4	18.0	74.7					Av.

CODE FOR REMARKS (continued)

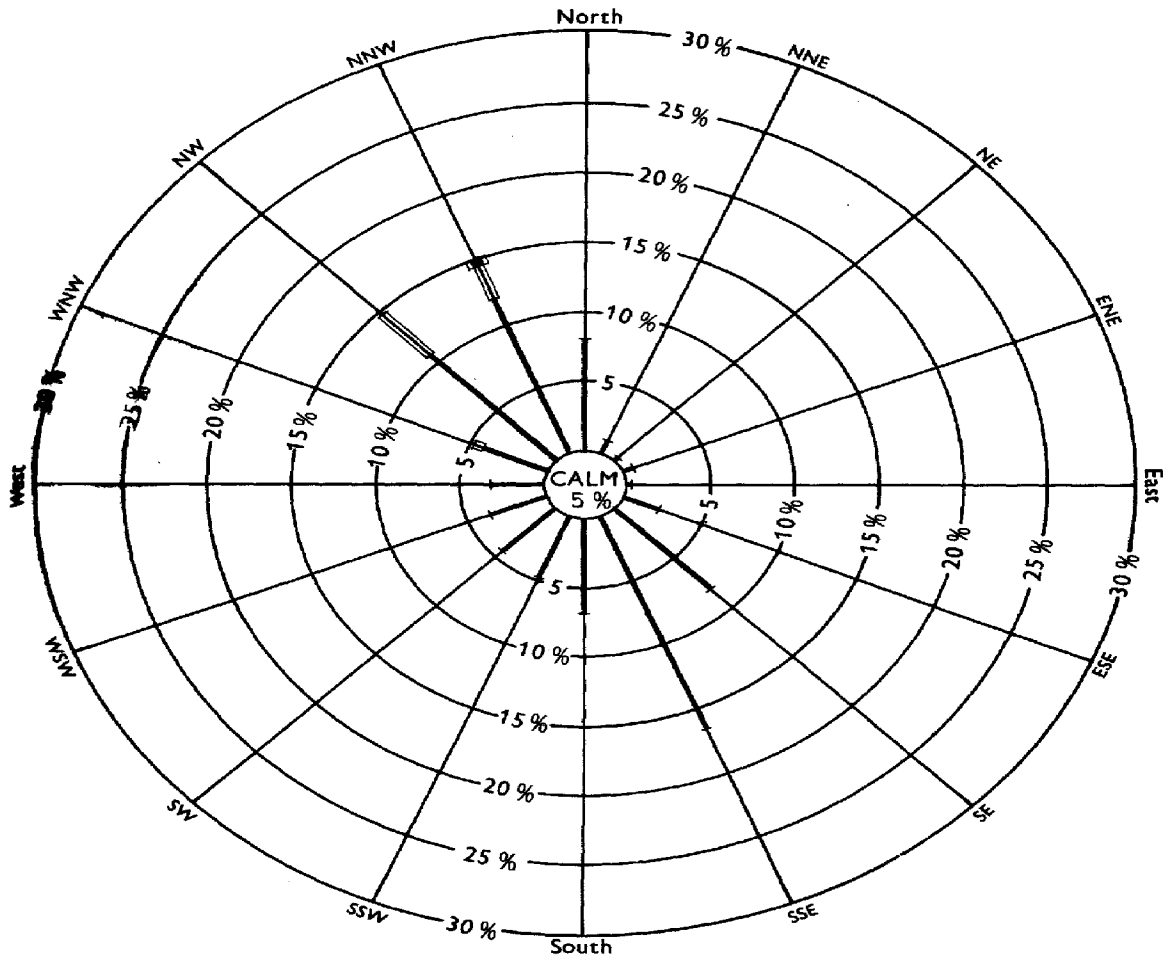
Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : September	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.

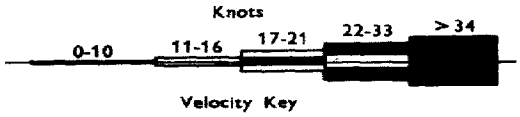


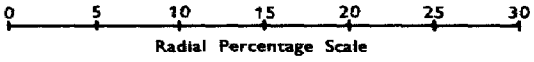
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : September	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Hours in month 720

Hours recorded 683



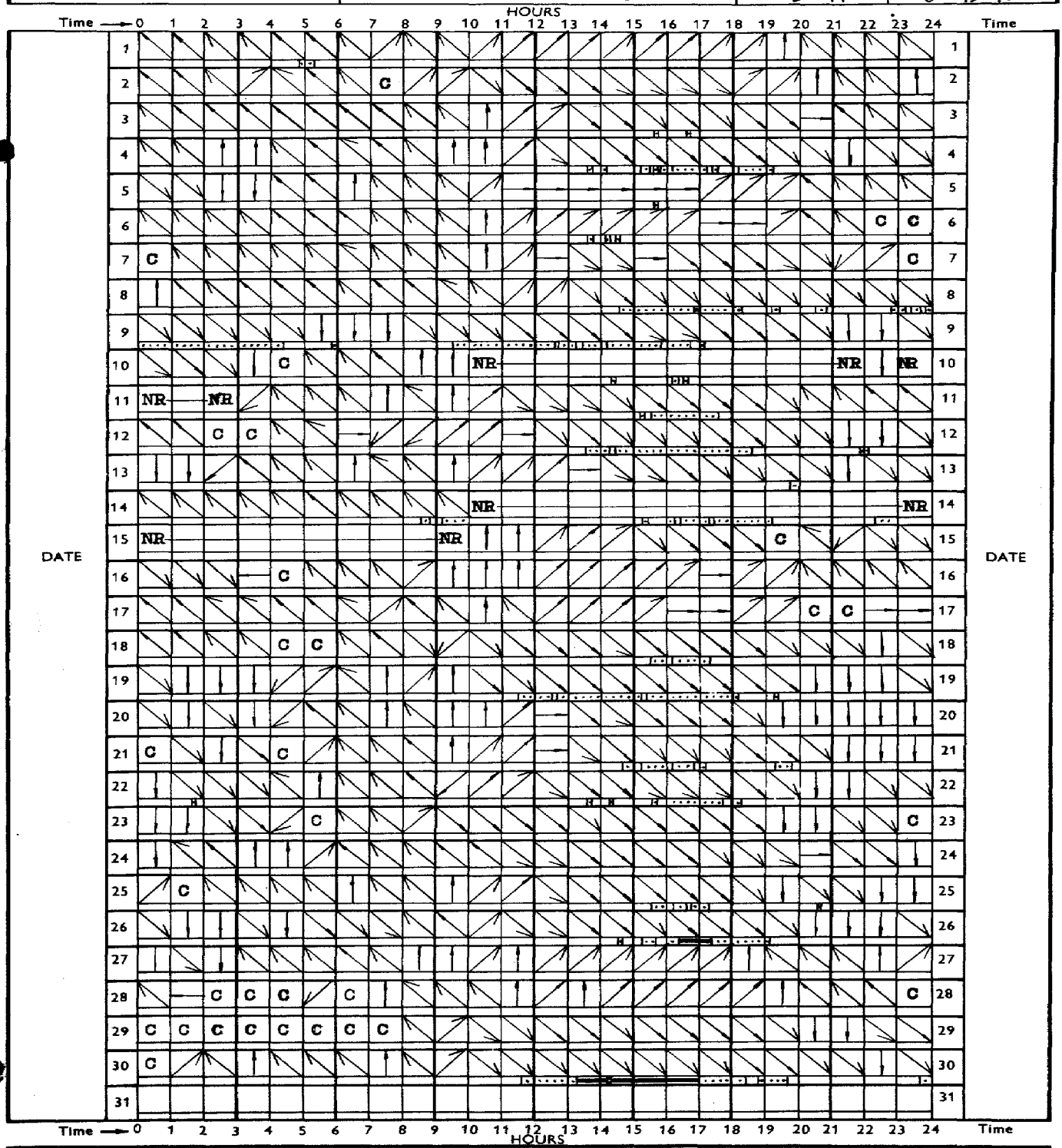


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

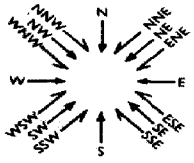
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : September	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs. NNW. more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	23.5	15.0	7.4	10.3	36	922.4	–	0	0	3	41.6	21.6	6.7	9.8	12	921.8	–	0	0	7	1
2	23.5	17.4	13.1	15.1	52	921.5	–	0	0	5	41.0	20.0	1.1	6.6	8	920.5	–	0	0	8	2
3	23.1	17.5	13.6	15.5	55	922.0	–	0	0	5	41.0	21.0	5.3	8.9	11	921.6	160	6	0	15	3
4	22.1	15.1	9.0	11.5	43	922.9	–	0	0	8	40.4	20.5	4.1	8.2	11	923.0	–	0	0	10	4
5	21.6	12.6	2.7	7.4	29	925.1	–	0	0	15	39.0	19.6	2.5	7.3	10	924.8	300	12	0	20	5
6	20.8	13.4	6.2	9.5	39	925.8	–	0	0	20	38.0	20.2	6.2	9.5	14	925.7	290	10	0	20	6
7	20.8	14.6	9.2	11.6	48	924.3	–	0	0	20	37.5	21.5	10.7	12.9	20	923.8	250	8	0	20	7
8	20.0	13.9	8.3	11.0	47	923.0	–	0	0	15	39.0	22.0	10.6	12.8	18	923.2	250	12	0	20	8
9	20.8	13.4	6.2	9.5	39	922.6	–	0	0	20	37.6	19.8	5.2	8.9	14	923.3	240	12	0	20	9
10	17.5	10.0	0.4	6.3	32	924.6	–	0	0	15	35.4	19.6	7.2	10.2	18	924.6	170	6	0	15	10
11	16.3	9.4	0.4	6.3	34	925.4	–	0	0	20	36.0	19.6	6.5	9.7	16	925.6	110	6	0	20	11
12	17.2	10.7	3.2	7.7	39	924.2	–	0	0	20	38.9	21.2	8.4	11.1	16	924.5	280	6	0	25	12
13	20.0	13.2	6.6	9.8	42	923.7	–	0	0	20	41.0	18.0	-11.7	2.2	3	923.7	120	10	0	20	13
14	21.1	12.2	2.1	7.1	28	925.2	–	0	0	20	37.8	19.0	1.8	7.0	11	925.9	280	12	0	20	14
15	21.6	19.4	18.1	20.8	81	926.8	–	0	0	8	35.0	20.8	11.1	13.2	23	925.7	220	5	0	5	15
16	18.0	11.7	5.0	8.7	42	924.7	–	0	0	12	39.1	17.5	-9.4	2.7	4	924.2	220	10	0	25	16
17	19.7	13.5	7.7	10.5	46	926.2	–	0	0	12	37.3	16.9	-8.8	2.9	5	926.5	090	15	0	20	17
18	20.0	12.5	4.6	8.5	36	927.7	–	0	0	15	36.7	17.6	-2.8	4.9	8	927.9	110	7	0	20	18
19	19.8	12.4	4.6	8.5	37	927.1	–	0	0	15	36.9	19.6	5.4	9.0	14	926.9	310	13	0	20	19
20	19.0	10.0	-2.2	5.1	23	925.6	–	0	0	20	36.8	17.5	-3.5	4.6	7	925.6	020	7	0	20	20
21	19.0	9.6	-3.8	4.5	20	925.3	–	0	0	20	36.5	16.7	-7.7	3.2	5	925.5	320	4	0	25	21
22	17.0	8.9	-2.7	4.9	25	925.3	–	0	0	20	35.5	15.5	-15.3	1.6	3	924.8	290	12	0	25	22
23	17.8	9.8	-0.7	5.8	28	925.3	–	0	0	10	34.0	16.8	-1.6	5.4	10	925.1	230	5	0	8	23
24	16.1	9.1	-0.4	5.9	32	926.1	–	0	0	15	36.0	15.9	-13.2	2.0	3	926.3	150	12	0	20	24
25	19.4	9.8	-3.8	4.5	20	928.8	–	0	0	20	36.1	17.2	-3.8	4.5	8	928.5	240	6	0	25	25
26	16.3	7.5	-7.2	3.4	18	928.3	–	0	0	20	36.3	16.5	-8.8	2.9	5	927.4	–	0	0	25	26
27	17.5	8.2	-6.8	3.5	17	927.4	180	5	0	15	34.5	15.8	-8.6	3.0	5	926.7	120	5	0	30	27
28	16.1	9.7	1.7	6.9	38	930.2	–	0	0	7	34.3	16.5	-3.8	4.5	8	930.9	160	6	0	10	28
29	17.3	11.7	5.9	9.3	47	932.7	–	0	0	8	33.6	18.2	4.7	8.6	17	933.0	–	0	0	8	29
30	16.1	9.6	1.4	6.7	37	931.0	–	0	0	12	33.7	17.4	1.6	6.8	13	929.7	250	10	0	15	30
31																					31
Av.	19.3	12.1	3.7	8.5	37	925.7	–	0	0	15	37.2	18.7	0.0	6.8	11	925.6	–	7	0	18	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

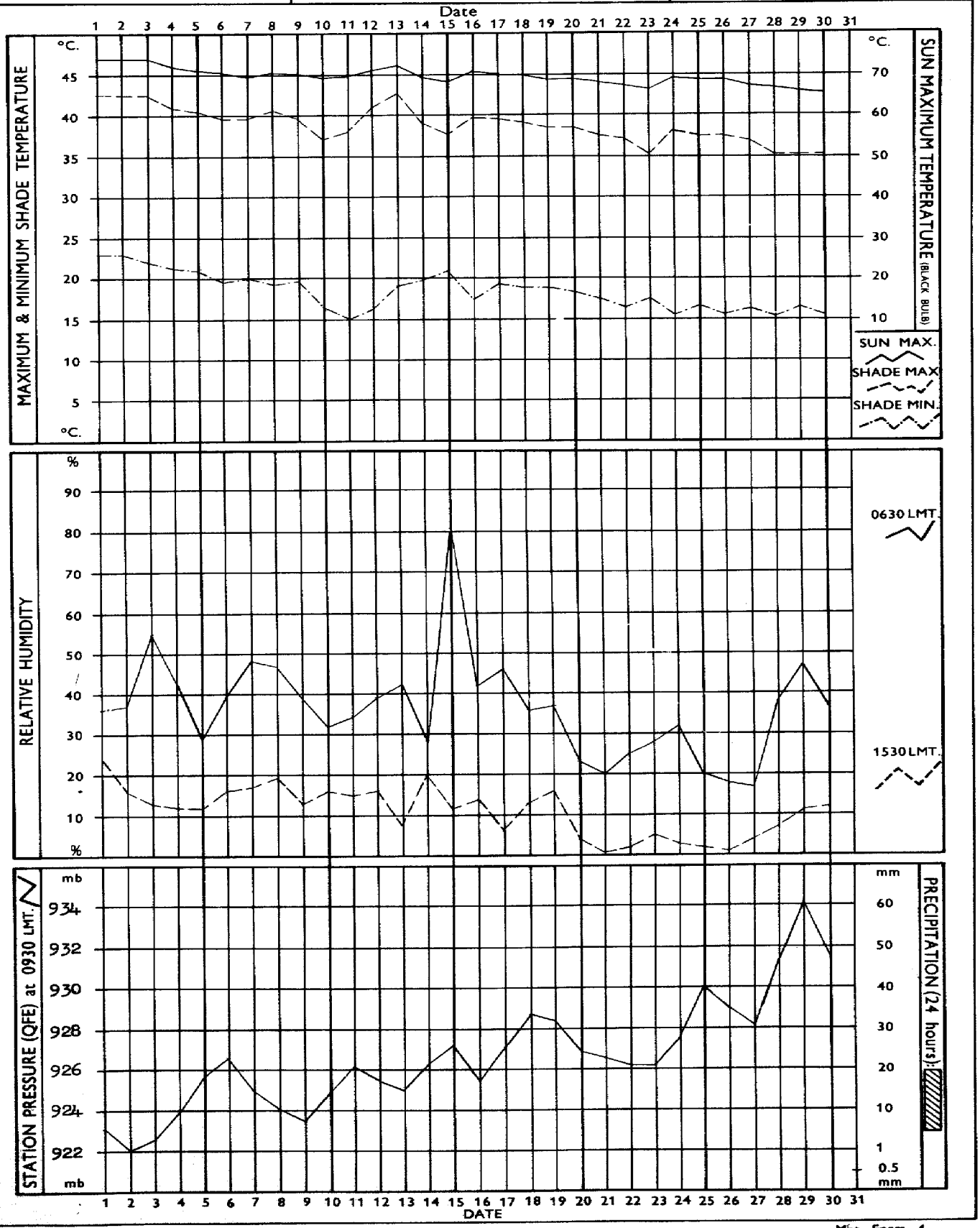
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
34.8	23.5	17.4	20.0	36	922.2	260	9	0	5		42.6	23.0	22.5	74.2			0	Haze	1
36.0	22.8	15.1	17.2	29	920.3	270	10	0	2		42.5	23.1	23.0	74.0			0	"	2
36.8	21.4	11.1	13.2	21	920.3	270	10	0	8		42.6	22.0	21.7	74.0			0	"	3
37.0	19.9	6.3	9.5	15	921.7	270	10	0	10		41.1	21.3	21.0	72.0			0	"	4
35.7	22.1	13.7	15.7	27	921.7	270	10	0	20		40.5	20.9	20.5	71.0			0	Clear	5
35.0	21.0	11.6	13.7	24	923.8	270	10	0	20		39.7	19.6	19.6	70.3			0	"	6
35.4	20.2	9.1	11.5	20	921.7	270	10	0	15		39.7	20.0	19.9	69.3			0	"	7
36.0	19.8	7.2	10.2	17	921.7	270	14	0	20		40.6	19.2	19.0	70.3			0	"	8
33.7	18.0	4.0	8.1	16	923.1	250	8	0	20		39.6	19.6	19.3	70.2			0	"	9
32.2	17.5	4.1	8.2	17	924.0	260	10	0	15		37.2	16.5	16.4	69.0			0	"	10
33.6	18.6	6.1	9.5	18	924.3	260	7	0	20		38.0	15.0	14.7	70.0			0	"	11
36.8	21.0	9.9	12.2	20	923.3	290	9	0	25		40.9	16.2	15.9	71.0			0	"	12
36.4	20.0	7.3	10.3	17	923.2	270	12	0	15		42.6	19.0	18.9	72.5			0	"	13
33.4	23.9	19.0	22.0	43	925.0	270	12	0	10		39.0	19.9	19.1	69.5			0	Haze	14
32.8	17.5	3.4	7.8	16	924.7	260	10	0	12		37.8	20.9	20.7	68.0			0	"	15
33.0	20.4	11.9	13.9	28	924.8	270	10	0	5		39.8	17.4	17.1	71.0			0	"	16
32.7	17.7	4.2	8.3	17	926.0	290	8	0	20		39.5	19.3	18.2	70.0			0	Clear	17
33.4	19.0	7.7	10.5	20	925.9	270	8	0	12		39.2	18.9	18.8	70.0			0	"	18
33.4	15.4	-8.2	3.1	6	925.0	290	13	0	20		38.5	18.8	18.8	68.7			0	"	19
33.3	15.2	-9.4	2.8	5	924.8	270	10	0	20		38.6	18.2	17.1	69.0			0	"	20
32.7	13.7	-27.7	0.5	1	925.0	280	12	0	25		37.6	17.5	16.8	68.0			0	"	21
31.1	13.9	-12.2	2.2	5	924.0	270	10	0	25		37.2	16.4	15.5	67.3			0	"	22
29.8	13.8	-8.5	3.0	7	924.2	270	8	0	15		35.2	17.4	16.1	66.4			0	Haze	23
32.0	16.4	0.1	6.2	13	926.6	270	8	0	20		38.1	15.6	14.8	69.0			0	Clear	24
32.6	14.6	-11.7	2.3	5	927.6	280	14	0	20		37.6	16.6	15.9	68.5			0	"	25
30.8	13.4	-16.6	1.4	3	927.1	270	9	0	20		37.5	15.6	15.2	68.5			0	"	26
29.8	16.6	4.3	8.3	20	927.5	290	8	0	5		37.0	16.2	15.4	67.0			0	Haze	27
29.9	18.5	9.9	12.2	29	931.5	260	8	0	7		35.1	15.2	14.6	66.5			0	"	28
30.1	15.6	0.0	6.1	14	932.1	260	10	0	12		35.3	16.5	16.2	66.0			0	"	29
30.6	15.1	-3.1	4.8	11	929.2	280	12	0	12		35.3	15.6	15.4	65.5			0	Clear	30
																			31
33.4	18.2	2.9	9.2	17	924.7	–	10	0	15		38.9	18.4	17.9	69.6					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm : Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : September	Year : 1964
		Station : Gach Saran	
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°20' N.	Long : 50°50' E.



IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964

Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	24.2	14.7	5.7	9.1	30	998.1	–	0	0	6	40.4	21.2	6.7	9.8	13	998.1	200	10	0	6	1
2	24.5	19.6	16.6	18.9	61	997.4	160	8	0	5	41.2	25.0	16.4	18.7	24	997.4	–	0	0	6	2
3	24.7	21.2	19.3	22.3	71	997.2	120	4	0	8	41.0	24.8	16.2	18.3	23	997.7	–	0	0	10	3
4	23.7	16.7	11.3	13.4	46	998.1	–	0	0	25	40.8	21.6	7.6	10.4	13	998.9	300	12	0	25	4
5	23.3	17.2	12.8	14.8	52	999.8	–	0	0	25	41.2	21.3	6.1	9.4	12	1000.6	–	0	0	30	5
6	23.3	15.1	7.8	10.6	37	1000.4	130	8	0	20	40.6	22.5	10.6	12.8	17	1000.8	180	10	0	30	6
7	22.8	14.2	6.0	9.3	33	999.4	–	0	0	20	41.7	22.8	10.4	12.6	16	999.4	–	0	0	30	7
8	24.0	17.2	12.2	14.2	48	997.7	140	8	0	20	41.5	24.5	15.1	17.2	22	999.2	310	6	0	25	8
9	22.7	13.2	3.1	7.6	28	998.5	300	7	0	20	38.6	21.8	10.6	12.8	19	999.4	300	18	0	5	9
10	20.6	15.3	11.0	13.1	54	1000.6	–	0	0	20	38.5	24.0	16.0	18.2	27	1001.3	250	6	0	20	10
11	19.5	14.5	10.3	12.5	55	1001.1	–	0	0	20	40.5	25.0	17.0	19.3	26	1002.1	–	0	0	20	11
12	23.9	16.8	11.4	13.5	46	1000.1	–	0	0	30	42.4	26.2	18.3	21.1	25	1000.1	320	6	0	30	12
13	24.2	16.7	10.8	13.0	43	998.5	–	0	0	20	41.0	20.3	2.3	7.3	9	999.2	320	7	0	20	13
14	24.8	15.0	5.8	9.2	29	1000.2	290	4	0	15	42.1	21.0	3.8	8.0	10	1001.4	300	10	0	25	14
15	21.8	15.1	9.4	11.8	45	1002.4	240	10	0	10	36.8	19.4	4.8	8.7	14	1002.2	–	0	0	10	15
16	21.5	15.1	9.7	12.1	47	1000.9	270	6	0	8	37.4	20.0	6.2	9.5	15	1000.8	210	10	0	15	16
17	21.2	15.7	11.5	13.5	54	1001.8	150	8	0	20	40.4	21.7	8.3	11.0	15	1002.8	–	0	0	25	17
18	23.0	16.9	12.3	14.4	51	1003.8	290	2	0	20	38.6	21.7	10.2	12.5	18	1004.9	300	2	0	15	18
19	21.7	14.3	7.5	10.3	40	1003.3	300	6	0	20	39.6	19.2	−0.4	5.9	8	1004.1	300	12	0	25	19
20	23.3	17.0	12.3	14.4	50	1001.3	–	0	0	20	39.3	19.4	1.1	6.6	9	1002.3	300	6	0	30	20
21	18.7	12.2	5.6	9.1	42	1001.0	300	6	0	20	40.7	19.8	0.6	6.4	8	1001.9	–	0	0	30	21
22	20.3	14.0	8.3	11.0	46	1000.9	290	4	0	20	38.6	22.5	12.4	14.4	21	1001.4	300	15	0	20	22
23	19.6	15.0	11.2	13.4	59	1002.2	–	0	0	20	36.4	17.8	−1.3	5.5	9	1002.3	300	7	0	30	23
24	19.0	13.1	7.4	10.4	47	1002.4	270	2	0	20	37.4	20.0	6.2	9.5	15	1003.4	360	4	0	30	24
25	19.2	13.7	8.7	11.2	50	1004.9	300	8	0	20	38.0	22.2	12.2	14.2	21	1005.4	300	2	0	20	25
26	16.0	12.1	8.3	11.0	60	1004.7	280	10	0	7	36.0	20.7	9.8	12.2	21	1004.7	280	12	0	6	26
27	18.3	13.8	9.9	12.2	58	1003.8	090	4	0	3	36.3	23.2	15.8	18.0	30	1004.2	–	0	0	5	27
28	19.0	15.0	11.9	13.9	63	1007.1	150	6	0	10	36.8	25.0	19.6	22.8	37	1008.5	180	6	0	10	28
29	19.4	16.2	13.8	15.8	70	1010.7	–	0	0	10	35.0	24.1	18.5	21.3	38	1011.1	–	0	0	10	29
30	19.0	14.2	10.1	12.4	56	1008.4	290	8	0	12	38.6	24.8	17.7	20.3	30	1007.9	300	18	0	7	30
31																					31
Av.	21.6	15.4	10.1	12.6	49	1001.6	–	4	0	16	39.2	22.1	10.0	13.2	19	1002.1	–	6	0	19	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month : September Year : 1964
Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

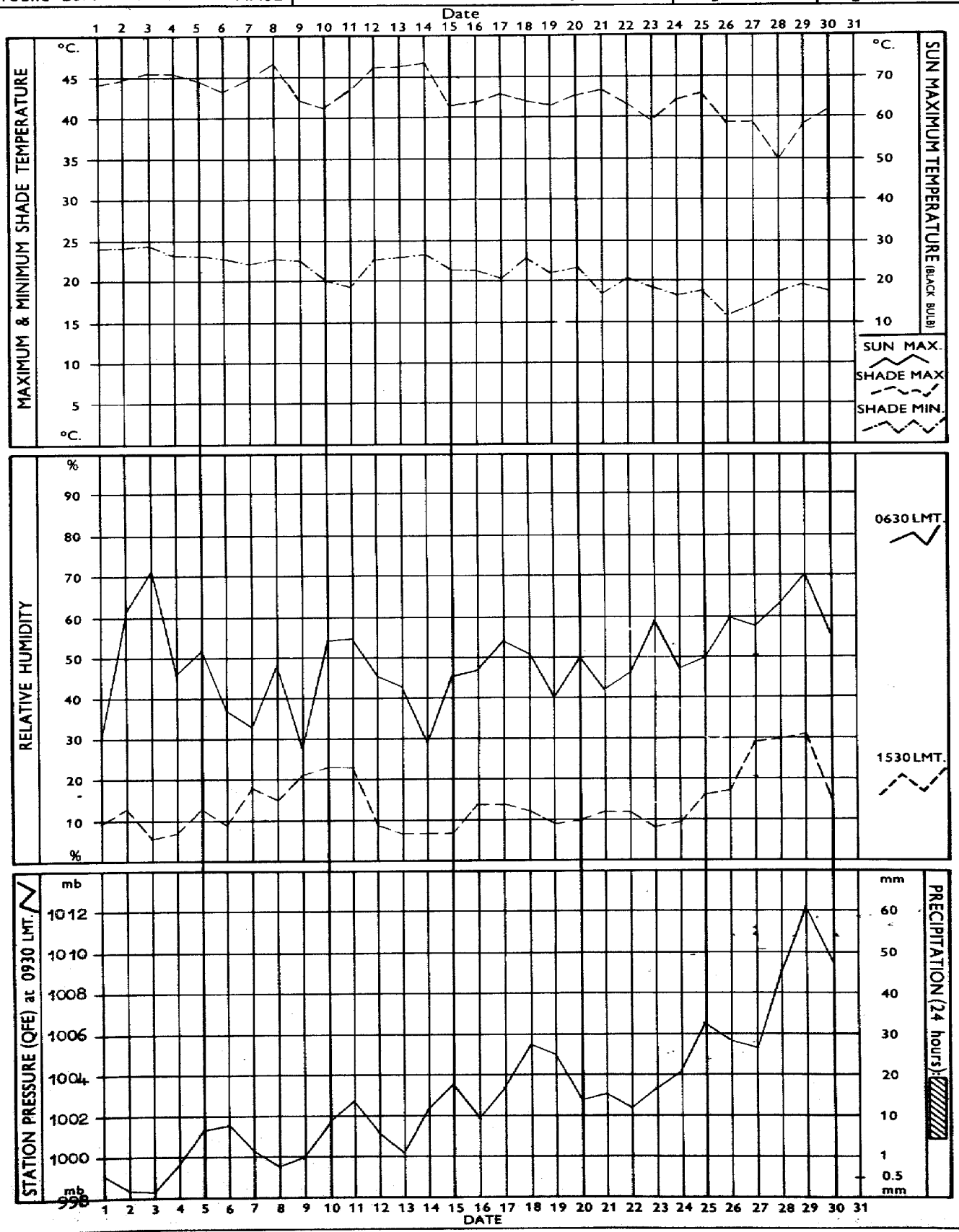
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
41.3	21.0	5.0	8.7	11	996.2	220	6	0	6		44.0	24.0	23.4				0	Haze	1
42.6	22.2	7.8	10.4	12	994.4	–	0	0	8		44.7	24.1	23.0				0	"	2
40.8	20.2	2.3	7.3	9	995.1	290	14	0	20		45.6	24.3	23.6				0	"	3
39.8	20.2	3.9	8.0	11	997.0	300	15	0	20		45.6	23.3	20.7				0	Clear	4
40.5	21.2	6.7	9.8	13	998.7	230	8	0	30		44.6	23.2	20.8				0	"	5
40.3	23.6	13.8	15.8	21	998.9	–	0	0	30		43.4	22.8	21.7				0	"	6
41.2	23.4	12.5	14.5	18	996.8	060	6	0	30		44.7	22.2	20.8				0	"	7
41.8	24.8	15.6	17.7	22	996.9	300	14	0	20		46.7	22.8	21.6				0	"	8
37.0	21.0	9.9	12.1	19	998.9	300	17	0	25		42.3	22.4	20.6				0	Haze	9
38.0	24.0	16.4	18.7	28	999.7	300	8	0	20		41.3	20.0	16.8				0	Clear	10
39.5	25.0	17.3	20.1	28	999.8	360	5	0	25		43.2	19.2	17.2				0	"	11
39.8	19.7	1.7	6.9	9	998.3	300	15	0	15		46.2	22.7	20.0				0	Haze	12
41.7	20.8	3.4	7.8	10	997.9	300	16	0	12		46.3	23.0	20.8				0	Clear	13
38.8	18.7	-1.2	5.5	8	1000.6	300	18	0	10		46.7	23.4	21.7				0	Haze	14
37.1	18.5	0.6	6.5	10	1000.4	300	18	0	2		41.4	21.5	20.6				0	"	15
36.3	19.8	6.8	9.9	16	999.8	–	0	0	30		41.7	21.3	19.6				0	"	16
38.8	21.3	8.8	11.4	16	1000.9	270	8	0	20		42.9	20.3	19.4				0	Clear	17
38.0	21.3	9.6	12.0	18	1002.0	310	8	0	20		42.1	22.9	20.5				0	"	18
36.2	19.0	4.2	8.3	14	1001.7	300	10	0	30		41.5	21.0	19.3				0	"	19
37.2	19.8	5.7	9.2	14	1000.9	300	8	0	30		42.7	21.6	18.1				0	"	20
38.3	20.5	6.7	9.9	15	1000.4	300	20	0	3		43.4	18.5	16.6				0	Haze	21
34.3	19.0	6.7	9.8	18	1000.7	300	15	0	10		41.6	20.2	18.6				0	"	22
34.0	17.3	0.6	6.4	12	1000.9	270	6	0	30		39.5	19.1	16.8				0	Clear	23
36.2	20.0	7.6	10.4	17	1002.3	300	14	0	20		42.0	18.3	16.5				0	"	24
35.4	21.8	13.3	15.3	27	1003.9	300	10	0	20		42.8	18.8	17.2				0	"	25
32.0	19.0	9.1	11.6	24	1004.0	300	12	0	20		39.2	15.8	14.8				0	Haze	26
35.0	23.8	17.9	20.5	36	1003.6	180	4	0	10		39.3	17.1	16.8				0	"	27
34.2	22.0	14.7	16.7	31	1008.2	–	0	0	10		35.0	18.6	17.4				0	"	28
33.9	21.5	13.7	15.8	30	1009.2	290	4	0	15		39.0	19.4	17.7				0	Mist	29
33.7	20.0	10.2	12.5	24	1006.9	300	15	0	5		40.7	18.8	15.5				0	Haze	30
																			31
37.8	21.0	8.4	11.7	18	1000.5	–	10	0	18		42.7	21.0	19.3						Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter < 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : September	Year : 1964
		Station : Ahwaz	
Ground Level : 21 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°20' N.	Long : 48°45' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : September Year : 1964
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Abadan
		Lat : 30°22' N. Long : 48°13' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	26.5	15.6	5.4	9.0	26	1000.9	310	8	0	4	36.6	20.6	8.9	11.4	19	1000.8	300	8	0	8	1
2	24.0	18.6	15.1	17.2	58	999.6	–	0	0	4	40.7	22.2	9.6	12.0	16	999.4	–	0	0	4	2
3	25.2	17.0	10.6	12.8	40	999.6	280	6	0	12	41.7	21.5	6.2	9.5	12	999.9	300	10	0	25	3
4	23.3*		11.3*	13.4*	47*	1000.5*					41.0	21.8	8.0	10.7	14	1001.6*					4
5	22.5	15.2	9.0	11.5	42	1002.5	240	2	0	20	41.4	21.2	5.5	9.0	11	1003.0	300	10	0	20	5
6	22.8	15.7	9.9	12.2	44	1002.7	310	5	0	20	41.8	21.8	7.2	10.1	13	1003.2	300	12	0	20	6
7	22.6	17.2	13.4	15.3	56	1001.6	–	0	0	20	41.6	21.4	5.9	9.3	12	1001.6	300	10	0	20	7
8	26.6	16.3	7.4	10.3	30	1000.5	300	10	0	15	43.0	20.8	1.5	6.8	8	1001.2	300	15	0	20	8
9	24.8	14.4	4.0	8.1	26	1001.7	300	4	0	20	38.2	19.7	4.1	8.2	12	1003.0	300	17	0	20	9
10	21.3	16.6	13.2	15.2	60	1003.5	–	0	0	5	38.0	19.2	1.9	7.0	10	1004.2	300	11	0	20	10
11	20.9*		11.8*	13.8*	56*	1003.1*					41.7*		7.7*	10.5*	13*	1004.3*					11
12	22.3	17.2	13.6	15.6	58	1002.6	–	0	0	15	41.6	22.0	8.1	10.7	13	1003.3	300	11	0	25	12
13	24.2	18.3	14.2	16.2	54	1001.0	–	0	0	15	42.2	22.0	7.4	10.3	12	1002.3	300	12	0	25	13
14	29.4	17.2	6.7	9.9	24	1003.2	300	8	0	15	41.4	21.4	6.2	9.5	12	1004.4	300	12	0	15	14
15	28.4	17.2	7.9	10.6	27	1006.0	300	10	0	10	36.8	20.0	6.9	9.9	16	1005.0	300	15	x	0.1	15
16	22.6	12.8	1.7	6.9	25	1003.3	300	7	0	12	35.0	20.0	8.8	11.4	20	1003.6	300	8	0	20	16
17	21.4	16.0	11.8	13.9	55	1003.8	200	6	0	10	36.8	21.8	12.1	14.1	23	1005.5	250	2	0	10	17
18	22.9*		12.9*	14.5*	52*	1006.2*					40.3*		13.0*	14.9*	20*	1007.4*					18
19	22.8	16.6	11.9	13.9	50	1006.4	–	0	0	16	38.6	19.7	3.5	7.9	12	1006.8	300	10	0	20	19
20	19.2	12.6	5.9	9.3	42	1004.2	–	0	0	20	38.2	20.0	5.1	8.8	13	1004.9	–	0	0	20	20
21	23.2	14.0	4.8	8.6	30	1003.8	320	5	0	30	39.4	20.5	5.4	9.0	13	1004.5	300	10	0	25	21
22	25.0	15.2	6.1	9.4	30	1004.1	310	9	0	20	37.4	19.2	3.1	7.6	12	1004.7	300	12	0	20	22
23	18.6	12.2	5.6	9.1	43	1005.2	–	0	0	20	35.5	19.1	5.4	9.0	16	1004.9	300	10	0	25	23
24	20.8	14.2	8.2	10.9	45	1005.4	–	0	0	15	37.2	21.2	10.2	12.4	19	1005.8	270	5	0	15	24
25	20.9*		10.2*	12.5*	51*	1008.1*					35.4*		13.1*	15.0*	26*	1008.2*					25
26	20.6	14.6	9.4	11.9	49	1008.0	300	6	0	6	35.2	19.6	7.4	10.3	18	1007.8	300	15	0	5	26
27	21.6	14.4	7.9	10.6	41	1005.7	300	5	0	5	34.1	18.8	6.2	9.5	18	1006.6	310	6	0	3	27
28	17.4	16.4	15.7	17.8	90	1009.3	–	0	0	3	35.8	22.6	14.8	16.8	29	1010.5	160	7	3	8	28
29	18.2	17.2	16.5	18.8	90	1012.4	–	0	0	2	35.0	21.2	12.1	14.2	25	1013.3	–	0	0	7	29
30	22.3	13.6	4.8	8.6	32	1010.4	300	4	0	6	36.2	20.0	7.3	10.3	17	1010.6	300	10	0	15	30
31																					31
Av.	22.7	20.7	9.6	12.3	46	1004.2	–	4	0	13	38.6	20.7	7.4	10.5	16	1004.7	–	9	0	16	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964

Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°13' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
36.8	25.0	19.2	22.2	36	999.2	–	0	0	2		40.1	26.0	25.7				0	Haze	1
40.0	22.4	10.9	13.0	18	997.4	–	0	0	6		44.1	22.9	21.7				0	"	2
39.4	21.3	8.1	10.8	15	997.9	290	8	0	20		44.0	24.4	22.7				0	Clear	3
37.2	23.0	14.7	16.7	26	999.9	270	10	0	15		42.8	22.1	20.5				0	"	4
38.0	21.0	8.7	11.3	17	1001.4	280	6	0	20		43.6	21.7	20.2				0	"	5
39.0	20.2	4.8	8.6	12	1001.4	300	7	0	20		43.6	21.5	19.0				0	"	6
39.6	21.8	9.4	11.8	16	998.8	300	10	0	20		44.3	21.7	18.8				0	"	7
41.4	21.6	7.0	10.0	13	999.6	300	11	0	15		45.7	22.5	20.3				0	"	8
35.4	20.0	8.4	11.1	19	1002.2	300	8	0	12		41.5	24.2	23.3				0	"	9
35.6	20.9	10.8	12.9	22	1002.6	310	8	0	20		40.0	19.8	17.3				0	Haze	10
39.0	20.2	4.8	8.6	12	1001.9	270	5	0	20		44.2	19.4					0	Clear	11
38.8	22.1	11.1	13.2	19	1001.3	300	6	0	25		43.1	21.4					0	"	12
40.0	22.0	9.7	12.0	16	1000.6	300	8	0	15		45.0	22.4					0	Haze	13
38.4	21.7	10.3	12.6	19	1003.8	–	0	0	4		42.7	28.6		73.3			0	"	14
34.6	20.8	11.4	13.5	25	1003.8	300	15	x	0.7		39.2	28.1		55.9			0	Sandst,	15
35.0	21.2	12.2	14.2	25	1002.2	–	0	0	30		39.0	21.8		71.1			0	Clear	16
35.6	19.6	7.0	10.0	17	1003.9	210	6	0	12		40.6	20.8		71.2			0	Haze	17
36.0	19.0	4.4	8.3	14	1004.7	300	6	0	15		41.5	21.2		72.8			0	Clear	18
34.8	19.7	8.2	10.8	19	1005.1	300	8	0	20		40.0	22.3		72.5			0	"	19
35.6	19.4	6.3	9.5	16	1003.7	300	8	0	30		41.2	18.8		74.4			0	"	20
36.2	18.6	2.6	7.3	12	1004.0	290	9	0	20		42.0	22.0		73.2			0	"	21
32.8	18.4	6.4	9.6	19	1004.0	300	8	0	20		38.7	24.3		71.1			0	"	22
34.1	18.2	3.2	7.7	14	1003.9	300	6	0	20		38.0	18.6		70.2			0	"	23
35.2	19.6	7.4	10.3	18	1004.9	300	8	0	20		40.8	20.2		71.8			0	"	24
33.6	19.6	9.2	11.7	23	1007.3	310	5	0	3		36.2	20.0		70.0			0	Haze	25
31.5	18.2	7.3	10.2	22	1007.1	300	12	0	1.5		37.4	20.3		69.4			0	"	26
34.1	19.3	7.6	10.5	20	1005.7	–	0	0	8		38.5	20.9		70.8			0	"	27
32.0	20.4	12.6	14.6	31	1010.4	160	5	0	12		37.2	16.8		67.9			0	Mist	28
32.0	20.4	12.6	14.6	31	1011.6	–	0	0	12		37.8	16.6		67.8			0	"	29
34.0	18.2	4.4	8.4	16	1009.8	300	14	0	2		39.6	20.4		70.6			0	Haze	30
																			31
36.2	20.5	8.7	11.5	19	1003.3	–	7	0	15		41.1	21.7							Av.

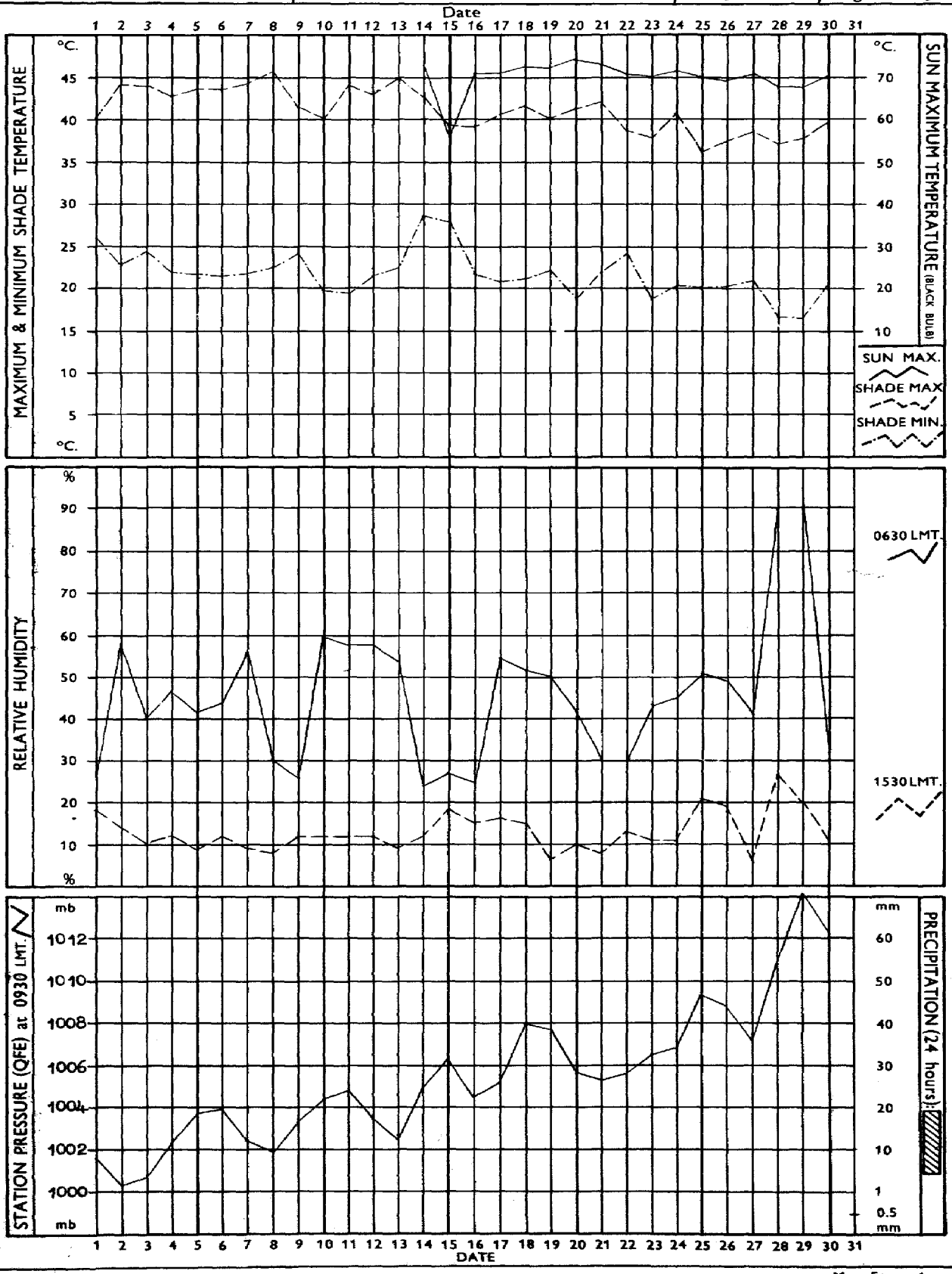
CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

110.

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : September	Year : 1964
		Station : Abadan	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°22' N.	Long : 48°13' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964

Station : Bandar Mashur

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30° 30' N. | Long : 49° 12' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	26.0	19.0	14.4	16.5	48	1000.3	310	3	0	3	36.0	22.0	13.4	15.2	26	1000.1	210	6	0	8	1
2	27.0	25.9	25.4	32.5	91	999.6	140	3	0	6	35.8	23.9	17.6	20.1	34	999.1	190	2	0	8	2
3	27.3	26.3	25.8	33.4	92	999.4	100	4	0	5	36.2	28.8	26.1	33.6	56	999.8	220	3	0	6	3
4	24.5	19.0	15.4	17.6	57	1000.7	360	3	0	15	36.8	25.4	19.8	23.2	36	1000.9	220	7	0	25	4
5	24.0	19.5	16.8	19.4	64	1002.0	310	4	0	15	37.5	26.2	21.4	25.0	40	1002.7	–	0	0	25	5
6	26.2	24.2	23.3	28.6	84	1002.6	140	6	0	15	36.6	25.6	20.4	24.0	39	1003.4	180	5	0	25	6
7	25.6	24.8	24.4	30.7	94	1001.5	–	0	0	15	36.0	24.5	18.6	21.5	36	1001.8	180	5	0	25	7
8	27.2	25.8	25.2	32.2	90	999.9	270	2	0	20	36.4	25.3	20.0	23.4	39	1000.9	230	7	0	20	8
9	23.9	16.5	10.7	12.8	43	1000.7	340	8	0	20	39.0	24.5	16.7	19.1	28	1002.1	300	14	0	20	9
10	21.7	15.0	9.4	11.7	45	1002.8	–	0	0	15	36.0	22.5	14.4	16.5	28	1003.5	180	5	0	20	10
11	24.3	18.0	13.6	15.6	52	1003.0	360	2	0	15	36.6*		19.9*	23.3*	38*	1003.4*	200*	2*			11
12	25.6	23.8	22.9	27.9	85	1001.6	–	0	0	15	39.4	20.8	6.5	9.7	14	1002.1	240	8	0	20	12
13	26.4	23.4	22.0	26.4	77	1000.9	–	0	0	20	40.5	24.6	16.0	18.2	24	1001.4	190	5	0	25	13
14	28.0	19.8	14.6	16.5	44	1003.0	340	4	0	20	37.6	22.8	13.9	16.0	26	1003.9	200	6	0	20	14
15	24.8	17.8	12.9	14.9	47	1005.6	310	7	0	15	36.0	21.0	10.8	12.9	22	1004.3	260	3	0	15	15
16	24.0	16.0	9.4	11.8	40	1003.5	320	3	0	5	35.3	20.8	10.9	13.0	23	1003.6	280	6	0	15	16
17	25.7	23.6	22.7	27.5	84	1004.5	130	3	0	15	37.1	21.6	11.3	13.4	21	1005.1	200	2	0	15	17
18	24.4	19.5	16.4	18.7	62	1006.1	300	2	0	15	40.3	21.3	7.2	10.1	13	1006.4	310	3	0	15	18
19	23.4	17.2	12.8	14.8	51	1005.8	310	5	0	15	40.6	20.3	2.9	7.5	10	1005.9	300	10	0	20	19
20	24.0	16.1	9.5	12.0	41	1003.7	300	4	0	20	35.0	20.9	11.4	13.4	24	1004.3	190	5	0	20	20
21	22.4	15.0	8.5	11.2	40	1003.2	330	3	0	20	34.0	22.4	15.8	17.9	33	1003.8	180	4	0	25	21
22	20.8	16.0	12.4	14.4	59	1003.2	310	6	0	20	38.4	22.0	11.2	13.4	20	1003.9	300	12	0	5	22
23	20.5	16.6	13.8	15.8	66	1004.5	310	3	0	15	33.6	21.6	14.2	16.3	31	1004.5	180	3	0	20	23
24	21.7	14.9	9.1	11.5	44	1004.6	310	6	0	6	32.7	19.3	9.2	11.6	23	1005.7	180	4	0	20	24
25	21.2	15.6	11.0	13.1	52	1007.1	340	8	0	20	33.6	20.0	10.2	12.5	24	1006.8	190	4	0	25	25
26	20.0	15.0	11.1	13.2	57	1007.1	300	8	0	5	37.4	19.8	5.4	8.9	14	1006.6	340	8	0	15	26
27	22.0	18.3	16.0	18.2	68	1005.9	–	0	0	4	31.6	20.3	12.7	14.8	32	1006.3	140	4	0	4	27
28	20.6	19.2	18.3	21.1	88	1009.4	080	4	0	15	33.0	25.0	21.2	25.2	50	1010.6	210	4	0	15	28
29	20.7	20.7	20.7	24.4	100	1012.8	–	0	x	0.2	34.8	20.8	11.3	13.4	24	1012.8	360	3	0	15	29
30	22.7	17.0	12.7	14.7	54	1010.7	320	6	0	15	38.0	20.2	6.1	9.5	14	1009.8	310	12	0	15	30
31																					31
Av.	23.9	19.3	16.0	19.3	64	1003.9	–	4	0	13	36.4	22.6	13.9	16.8	28	1004.2	–	5	0	17	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy : Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964
Station : Bandar Mashur

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°30' N. | Long : 49°12' E.

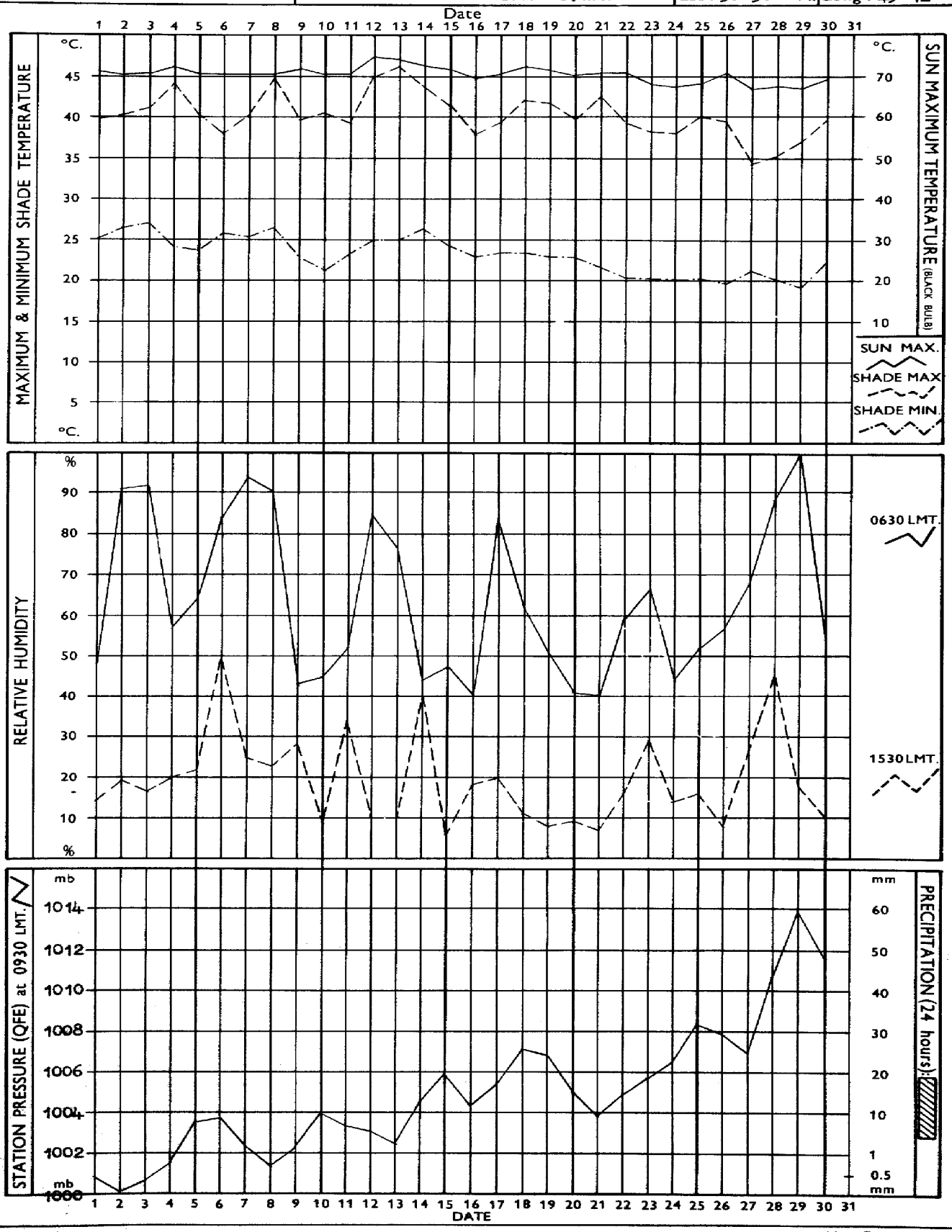
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Maximum Sun Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
33.2	25.0	21.2	25.1	50	999.0	180	4	0	8		39.7	25.1		71.4	170	7	0	Haze	1
34.2	23.8	18.3	21.2	39	997.1	210	7	0	5		40.2	26.5		70.3	200	14	0	Mist	2
35.2	28.2	25.4	32.5	58	997.0	180	4	0	15		41.2	27.1		70.8	300	9	0	"	3
37.3	25.2	19.3	22.4	35	999.1	310	5	0	6		44.2	24.2		72.5	310	12	0	Haze	4
35.0	26.2	22.2	27.1	48	1000.8	190	5	0	15		40.2	23.8		71.0	200	10	0	Clear	5
34.2*		26.2*	33.9*	63*	1000.9*	180*	2*				38.0	25.8		70.8	220	9	0	"	6
35.0	26.8	23.3	28.7	50	998.7	200	4	0	20		40.1	25.3		70.7	190	7	0	"	7
38.0	24.5	17.4	20.0	31	998.9	310	7	0	12		33.9	26.5		70.6	340	18	0	"	8
33.0	21.5	14.4	16.4	32	1001.5	310	8	0	4		39.6	23.0		72.0	330	20	0	Haze	9
35.4	22.5	14.9	16.9	29	1001.6	300	3	0	15		40.5	21.4		70.4	310	10	0	Clear	10
34.6	25.6	22.1	25.6	47	1001.7	230	5	0	15		39.2	23.2		70.7	340	6	0	"	11
37.4	19.7	5.1	8.8	14	1000.2	340	7	0	6		45.0	25.0		74.8	310	17	0	Haze	12
41.5	21.2	5.4	9.0	11	999.6	310	4	0	20		46.2	25.0		74.5	310	19	0	Clear	13
37.4	21.8	11.5	13.5	22	1002.8	300	12	0	4		43.7	26.4		73.0	310	16	0	Haze	14
37.5	20.0	6.1	9.3	14	1002.5	310	25	x	0.2		41.4	24.4		71.8	310	27	0	Sandst.	15
33.0	22.7	17.0	19.3	38	1002.3	210	4	0	15		37.8	23.0		69.5	300	13	0	Haze	16
35.0	25.0	20.2	23.8	42	1003.4	200	3	0	15		39.2	23.4		70.7	230	11	0	Clear	17
37.6	23.0	14.5	16.4	25	1003.6	310	5	0	15		42.2	23.4		72.5	310	11	0	"	18
35.6	20.2	8.8	11.3	19	1003.7	300	5	0	15		41.8	23.1		71.8	310	22	0	"	19
33.6	24.0	19.2	22.2	43	1002.7	270	5	0	20		39.8	23.0		70.2	300	10	0	"	20
35.6	21.0	11.2	13.2	23	1002.4	330	8	0	4		42.5	21.7		71.0	350	21	0	Haze	21
31.9	20.6	13.3	15.2	32	1002.8	310	6	0	5		39.2	20.5		71.0	280	20	0	"	22
32.2	22.4	17.0	19.2	40	1002.9	280	4	0	20		38.2	20.2		68.0	300	10	0	Clear	23
32.4	24.0	19.8	23.1	48	1004.0	170	5	0	20		38.0	20.1		67.3	330	9	0	Haze	24
32.6	20.1	11.4	13.5	27	1005.7	320	10	0	15		40.0	20.2		68.2	300	14	0	Clear	25
31.0	20.8	14.5	16.5	37	1006.1	310	7	0	4		39.4	19.8		71.0	300	17	0	Haze	26
29.0	22.0	18.3	20.8	53	1005.7	160	4	0	8		34.2	21.3		66.8	280	5	0	"	27
29.6	23.4	20.3	23.8	57	1010.1	240	3	0	15		35.1	20.0		67.5	220	5	0	Clear	28
31.0	22.0	17.0	19.4	43	1010.9	260	3	0	15		37.0	19.3		67.0	220	5	0	Fog	29
33.5	18.0	4.1	8.2	16	1008.6	310	10	0	4		39.6	22.3		69.0	320	24	0	Haze	30
																			31
34.4	22.8	16.0	19.2	36	1002.5	–	6	0	13		40.3	23.1		70.6					Av.

CODE FOR REMARKS (continued)

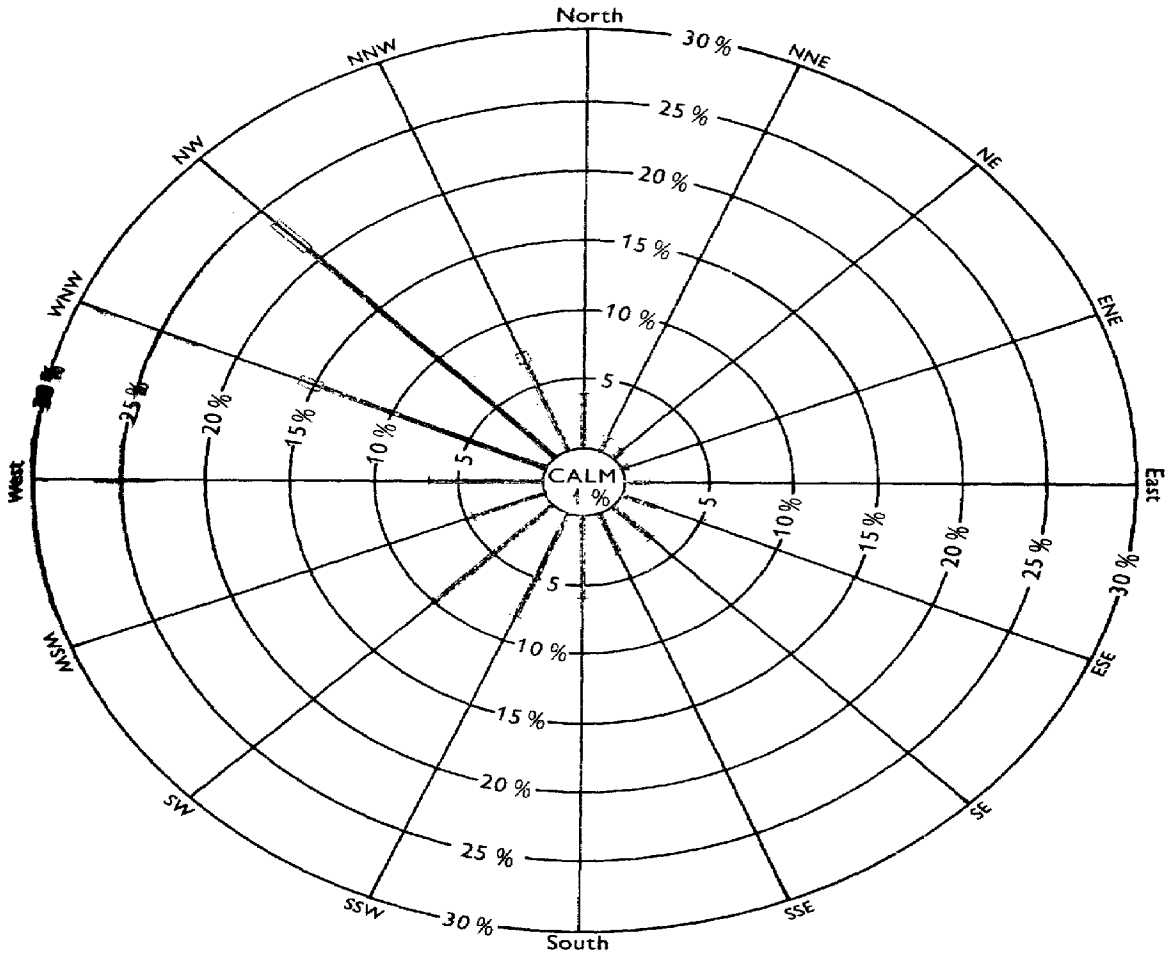
Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm : Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : September	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.

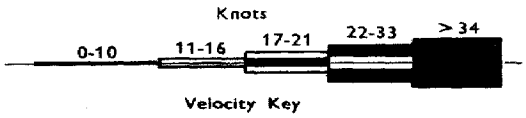


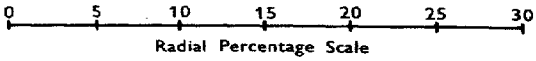
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : September	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



Hours in month 720

Hours recorded 720





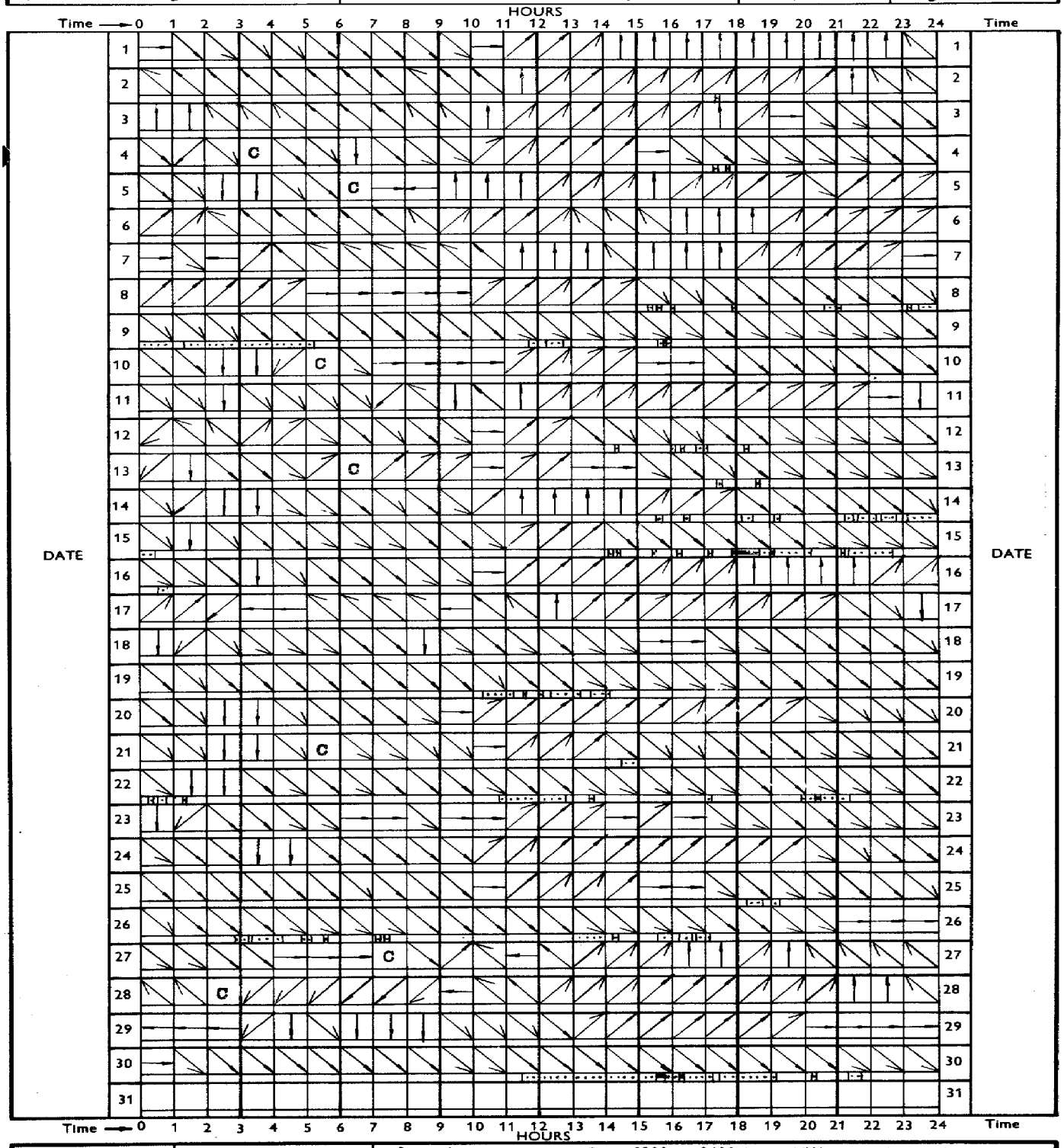
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

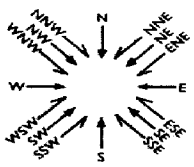
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : September	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

116.

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	27.2	25.2	24.3	30.4	84	1000.1	–	0	0	8	33.8	29.8	28.4	38.7	74	1001.0	150	10	0	5	1
2	27.8	25.8	24.9	31.6	85	999.4	–	0	0	1	34.8	28.2	25.7	33.1	60	998.6	270	6	0	1	2
3	27.8	27.0	26.7	35.0	94	999.4	–	0	0	1.5	35.8	25.4	20.4	24.1	41	1000.1	360	10	0	6	3
4	27.0	25.6	25.0	31.7	89	1000.3	–	0	0	10	35.0	28.0	25.3	32.3	57	1001.1	340	12	0	10	4
5	27.4	26.0	25.4	32.5	89	1001.9	–	0	0	15	36.0	29.8	27.6	37.0	62	1003.0	120	3	0	20	5
6	26.4	25.2	24.7	31.1	91	1003.1	–	0	0	20	35.0	27.8	25.0	31.7	57	1003.8	150	4	0	20	6
7	27.0	26.0	25.6	32.9	92	1001.4	–	0	0	20	36.0	26.8	22.8	27.9	47	1001.3	130	10	0	20	7
8	26.8	26.2	26.0	33.5	95	1000.1	–	0	0	10	36.4	27.8	24.4	30.5	50	1001.4	300	4	0	20	8
9	32.0	22.0	16.2	18.5	39	999.8	340	16	0	8	35.4	23.0	16.0	18.2	32	1001.8	350	14	0	15	9
10	30.4	21.0	15.3	17.4	40	1002.6	350	8	0	12	35.0	23.8	17.9	20.5	37	1004.1	310	10	0	20	10
11	24.4	22.8	22.0	26.5	87	1002.9	–	0	0	20	34.0	27.6	25.1	31.8	60	1004.3	120	5	0	25	11
12	28.0	26.0	25.2	32.0	85	1002.0	–	0	0	20	35.0	28.2	25.6	32.8	58	1002.9	320	5	0	20	12
13	29.2	28.4	28.1	38.1	94	1000.6	–	0	0	20	34.6	29.4	27.6	36.9	67	1002.0	100	6	0	20	13
14	30.4	28.6	28.0	37.7	87	1002.9	120	4	2	20	34.0	29.4	27.8	37.3	70	1004.5	160	12	0	20	14
15	29.2	23.4	20.6	24.3	61	1005.6	320	10	0	20	34.2	23.8	18.3	21.2	40	1005.3	300	10	0	20	15
16	30.0	20.2	13.8	15.8	37	1003.3	330	12	0	10	33.4	24.6	20.3	23.9	47	1003.5	360	8	0	7	16
17	25.0	23.8	23.2	28.5	90	1004.4	–	0	0	20	34.2	25.6	21.7	26.0	48	1004.6	300	8	0	20	17
18	29.2	25.8	24.4	30.5	76	1005.5	340	5	2	20	35.0	26.4	22.7	27.6	49	1006.2	340	7	0	20	18
19	30.0	24.0	21.1	25.0	59	1004.7	300	5	0	25	35.4	24.0	18.0	20.6	36	1005.6	340	12	0	25	19
20	30.4	23.8	20.6	24.3	56	1002.6	320	8	0	20	34.4	25.0	20.6	24.2	46	1004.3	300	10	0	25	20
21	25.4	24.0	23.3	28.7	89	1003.0	–	0	0	20	34.0	26.4	23.1	28.3	53	1004.2	330	10	0	20	21
22	25.4	23.0	21.8	26.2	81	1003.1	–	0	0	20	33.8	26.4	23.2	28.5	55	1004.0	300	12	0	25	22
23	29.0	22.4	18.9	21.8	54	1003.6	360	4	0	20	34.0	23.4	17.7	20.3	38	1004.4	320	12	0	25	23
24	24.4	22.2	21.1	25.1	83	1004.4	–	0	0	20	33.4	25.0	21.0	25.0	49	1005.4	360	4	0	25	24
25	28.4	25.0	23.5	29.0	75	1006.2	360	6	0	20	33.0	25.6	22.3	27.0	54	1007.4	340	8	0	25	25
26	28.8	23.2	20.4	24.0	60	1006.7	320	11	0	25	30.4	24.4	21.6	25.8	59	1007.2	350	13	0	6	26
27	27.8	21.2	17.4	19.9	53	1006.7	320	10	0	5	32.6	23.6	19.0	22.0	45	1006.8	280	8	0	2	27
28	27.4	23.8	22.1	26.7	73	1009.0	180	10	0	20	32.2	25.4	22.3	27.0	56	1010.5	100	10	0	20	28
29	22.4	21.4	20.9	24.7	91	1011.9	–	0	0	20	32.0	26.0	23.4	28.9	60	1012.8	360	4	0	20	29
30	28.2	23.4	21.0	25.0	66	1010.1	340	8	0	20	32.4	22.2	16.4	18.6	38	1010.1	320	14	0	20	30
31																					31
Av.	27.8	24.2	22.4	27.6	75	1003.6	–	4	0	16	34.2	26.1	22.4	27.6	52	1004.4	–	9	0	18	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964
Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

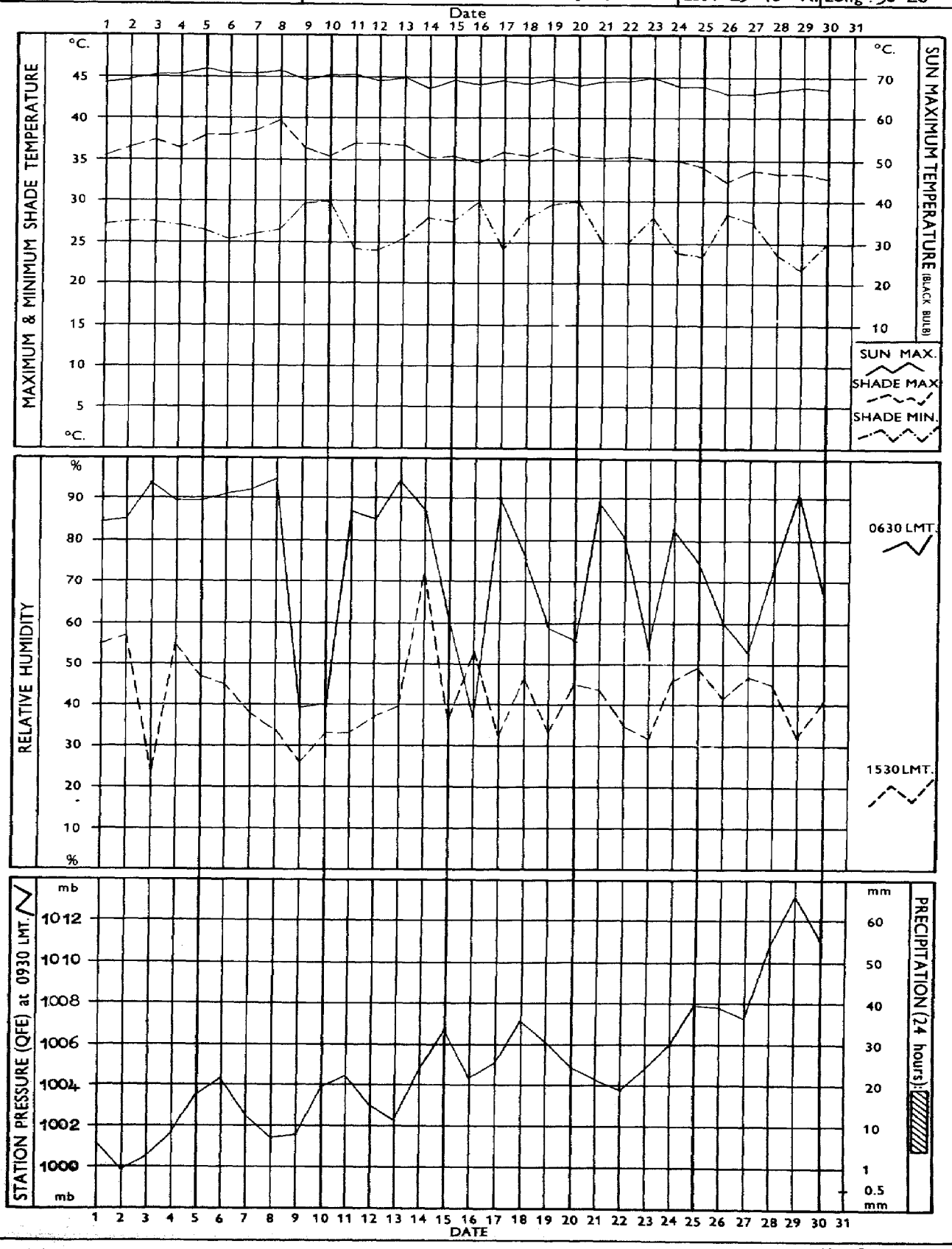
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
32.0	27.0	25.0	31.7	67	999.6	250	2	0	3		35.5	27.0	25.4	68.3			0	Dust	1
32.2	28.0	26.4	34.5	72	998.0	–	0	0	2		36.5	27.5	26.1	69.2			0	"	2
32.8	28.0	26.2	34.0	68	997.9	270	6	0	4		37.4	27.5	26.0	70.4			0	"	3
34.0	25.8	22.1	26.7	50	999.5	280	8	0	12		36.6	27.0	24.2	70.6			0	Haze	4
33.0	28.0	26.1	33.8	67	1001.5	280	10	0	20		38.0	26.6	23.9	72.0			0	Clear	5
35.0	25.6	21.2	25.3	45	1001.9	–	0	0	20		38.0	25.4	23.8	71.0			0	"	6
33.8	26.8	23.9	29.6	57	999.5	250	5	0	20		38.5	26.0	22.8	71.0			0	"	7
34.4	27.2	24.3	30.4	56	998.7	–	0	0	20		39.8	26.5	23.2	71.5			0	Mist	8
33.2	24.2	19.7	23.0	46	1001.3	320	12	0	20		36.5	29.5	29.0	69.5			0	Haze	9
32.0	23.6	19.3	22.4	47	1002.2	–	0	0	20		35.5	30.0	27.8	70.5			0	Clear	10
32.6	24.0	19.7	23.0	47	1002.3	–	0	0	20		37.0	24.2	22.2	70.6			0	"	11
33.4	26.4	23.4	28.8	56	1000.7	–	0	0	25		37.0	24.0	21.7	69.0			0	"	12
33.0	27.2	24.9	31.5	63	1000.7	–	0	0	25		36.7	25.5	23.3	70.0			0	"	13
32.4	29.4	28.3	38.6	80	1002.7	200	8	0	20		35.2	28.0	25.0	67.2			0	Fair	14
32.2	23.6	19.2	22.3	47	1003.1	–	0	0	2		35.6	27.5	25.3	69.2			0	Haze	15
31.0	25.0	22.3	26.9	60	1002.7	300	3	0	15		34.7	29.8	26.0	68.0			0	"	16
32.6	24.4	20.4	24.0	49	1003.1	320	8	0	20		36.0	24.2	21.1	69.0			0	Clear	17
33.0	26.0	23.0	28.0	56	1003.7	300	8	0	25		35.5	28.0	25.0	68.5			0	"	18
34.4	23.0	16.7	19.0	35	1003.3	300	10	0	25		36.5	29.5	27.4	69.5			0	"	19
31.8	24.2	20.5	24.1	51	1003.1	300	8	0	25		35.6	30.0	27.4	68.0			0	"	20
31.6	23.4	19.2	22.2	48	1003.0	–	0	0	20		35.2	25.0	21.7	69.0			0	"	21
33.0	22.4	16.3	18.6	37	1002.5	280	10	0	25		35.4	25.0	21.7	69.0			0	"	22
31.0	22.0	16.9	19.2	43	1003.4	300	10	0	25		35.0	28.0	25.0	70.0			0	"	23
30.4	20.2	24.4	30.6	71	1004.6	340	10	0	25		35.0	24.0	21.0	68.0			0	"	24
31.0	24.6	21.6	25.9	58	1006.0	320	10	0	25		34.2	23.6	22.8	68.0			0	"	25
31.0	23.4	19.5	22.7	50	1005.6	280	10	0	3		32.4	28.5	26.4	66.0			0	Haze	26
29.0	23.0	19.9	23.3	58	1006.2	–	0	0	10		33.8	27.5	26.6	66.0			0	"	27
29.4	23.2	20.1	23.5	58	1010.2	–	0	0	20		33.4	23.8	23.2	66.8			0	Clear	28
30.4	21.4	16.1	18.3	42	1011.5	300	5	0	20		33.4	22.0	19.2	67.5			0	"	29
31.2	24.8	21.8	26.1	57	1008.0	270	6	0	20		33.0	25.0	22.8	67.2			0	Haze	30
																			31
32.2	24.9	21.6	22.9	55	1002.9	–	5	0	18		35.8	26.5	24.2	69.0					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

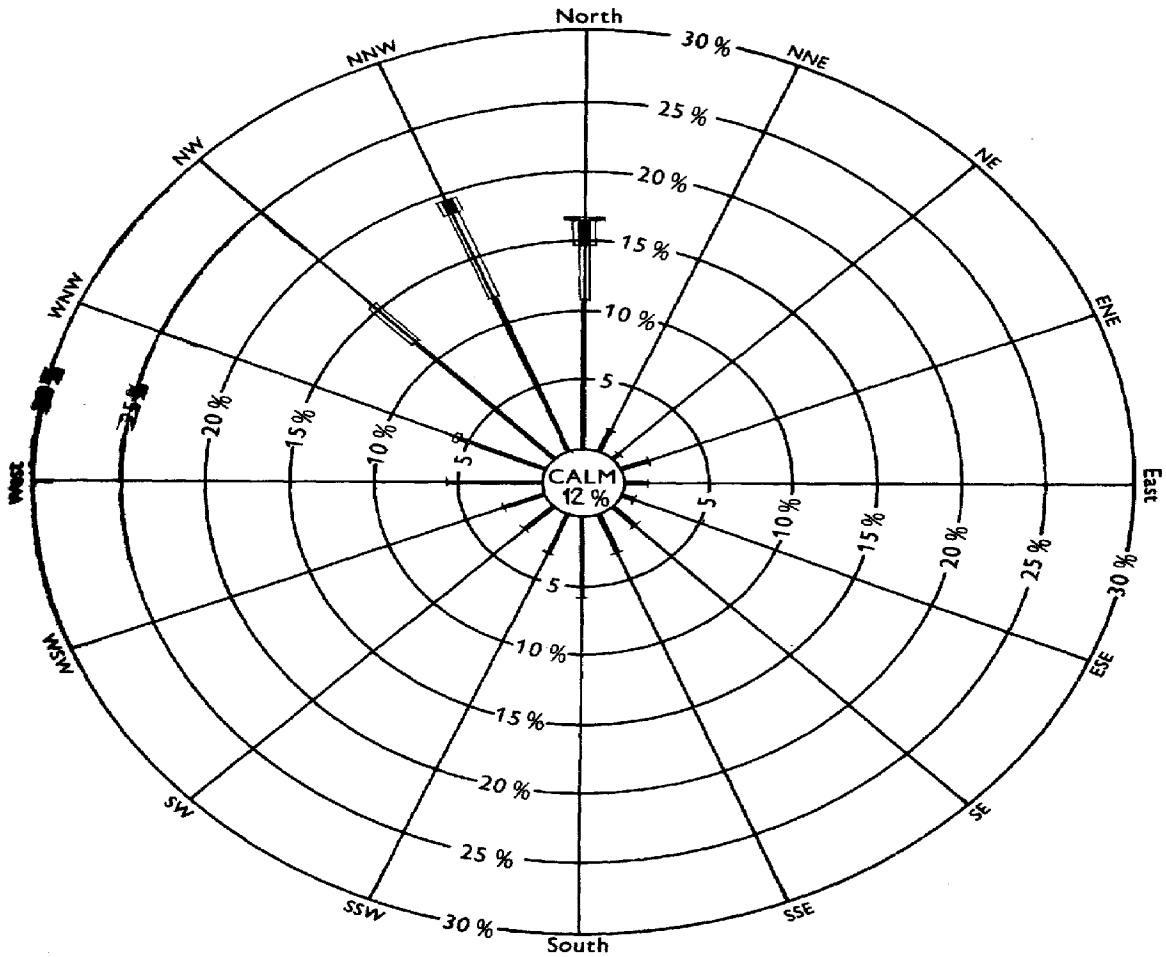
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : September	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



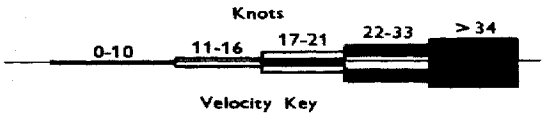
Met. Form 4

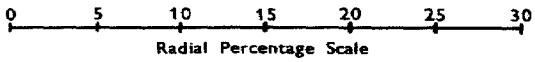
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : September	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



Hours in month 720

Hours recorded 720



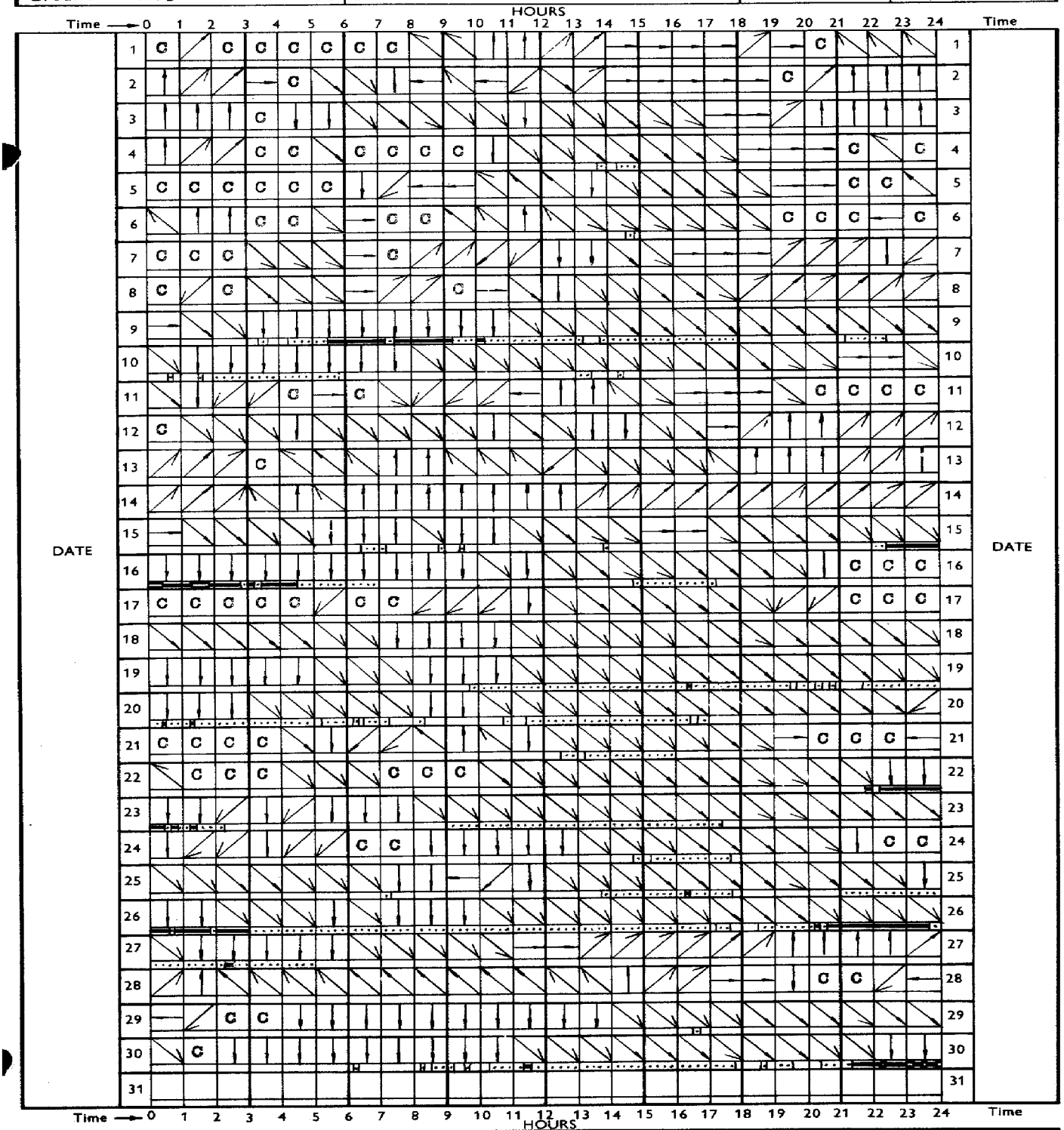


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

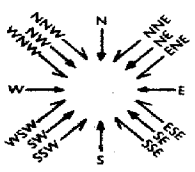
Remarks : The wind directions NW, NNW and N constitute together 51.8% of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : September	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964

Station : Farsi Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 28°00' N. | Long : 50°10' E.

Observations at 0630										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)	Weather at 0630	
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Uncorrected Barometer Reading	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
36.0	32.8	31.9	47.2	80	1010.5	360	3	0	13		34.6	32.0					0	Clear	1
33.7	30.2	29.0	40.1	77	1010.1	310	6	0	18			29.4					0	"	2
36.2	31.4	29.8	42.1	70	1008.0	–	0	0	6		35.3	29.6					0	Haze	3
34.0	31.2	30.3	43.2	81	1010.2	310	10	0	18		36.8	29.0					0	Clear	4
36.0	32.4	31.3	45.8	77	1010.2	310	8	0	19		36.2	30.0					0	"	5
35.4	31.4	30.1	42.8	75	1011.7	360	3	0	18		35.6	28.8					0	"	6
34.2	32.0	31.4	45.9	86	1013.1	310	3	0	18		37.0	30.0					0	"	7
35.6	30.4	28.7	39.3	68	1010.8	310	3	0	17		36.2	28.6					0	"	8
35.0	31.6	30.6	43.8	78	1010.1	360	2	0	15		35.6	30.2					0	"	9
34.6	30.0	28.4	38.8	71	1012.0	360	14	0	18		34.8	29.6					0	"	10
34.0	28.2	26.0	33.6	64	1013.1	310	12	0	15		34.6	28.0					0	"	11
33.8	28.0	25.8	33.2	64	1013.3	310	4	0	16		35.6	27.4					0	"	12
32.5	26.4	23.8	29.5	61	1013.8	310	3	0	16		35.6	25.8					0	"	13
34.8	28.6	26.3	34.2	61	1011.0	310	5	0	18		34.6	27.0					0	"	14
33.6	30.2	29.1	40.2	77	1013.5	310	4	0	17		35.6	29.8					0	"	15
35.0	28.4	25.9	33.4	59	1015.2	310	13	0	8		35.4	27.2					0	Haze	16
34.6	28.6	26.4	34.4	63	1012.0	310	5	0	17		35.6	28.0					0	Clear	17
32.4	27.0	24.8	31.4	65	1009.8	310	3	0	15		35.8	28.5					0	"	18
34.6	28.2	25.6	33.1	60	1015.6	310	5	0	18		36.6	27.4					0	"	19
33.8	29.0	27.4	36.6	70	1013.5	310	3	0	20		38.5	28.7					0	"	20
35.0	27.5	24.2	30.7	59	1012.2	360	12	0	9		39.5	32.0					0	Haze	21
36.4	31.6	27.8	37.4	62	1015.2	360	8	0	16		37.0						0	Clear	22
34.2	29.4	27.7	37.2	69	1012.2	360	13	0	18								0	"	23
											36.0						0	"	24
33.3	31.4	30.8	44.5	88	1011.3	310	12	0	16		38.5						0	"	25
36.0	31.0	32.2	41.0	69	1016.1	360	12	0	16		37.0						0	"	26
34.6	28.6	26.4	34.4	63	1020.5	360	16	0	13		38.2						0	"	27
33.0	29.0	27.6	36.9	74	1020.5	360	10	0	15		36.5						0	"	28
32.4	27.4	25.4	32.5	67	1019.1	210	22	0	10		37.6						0	Haze	29
33.5	29.5	28.1	38.0	74	1020.5	210	12	0	16		37.1	32.4					0	Clear	30
																			31
34.4	29.7	28.0	38.0	70	1013.3	–	8	0	15		36.3	29.0							Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.

Fog : Visibility ≤ 1 km.

Drizzle : Raindrop diameter ≤ 0.5 mm.

Rain : Rain not falling as showers

Snow : Snowfall

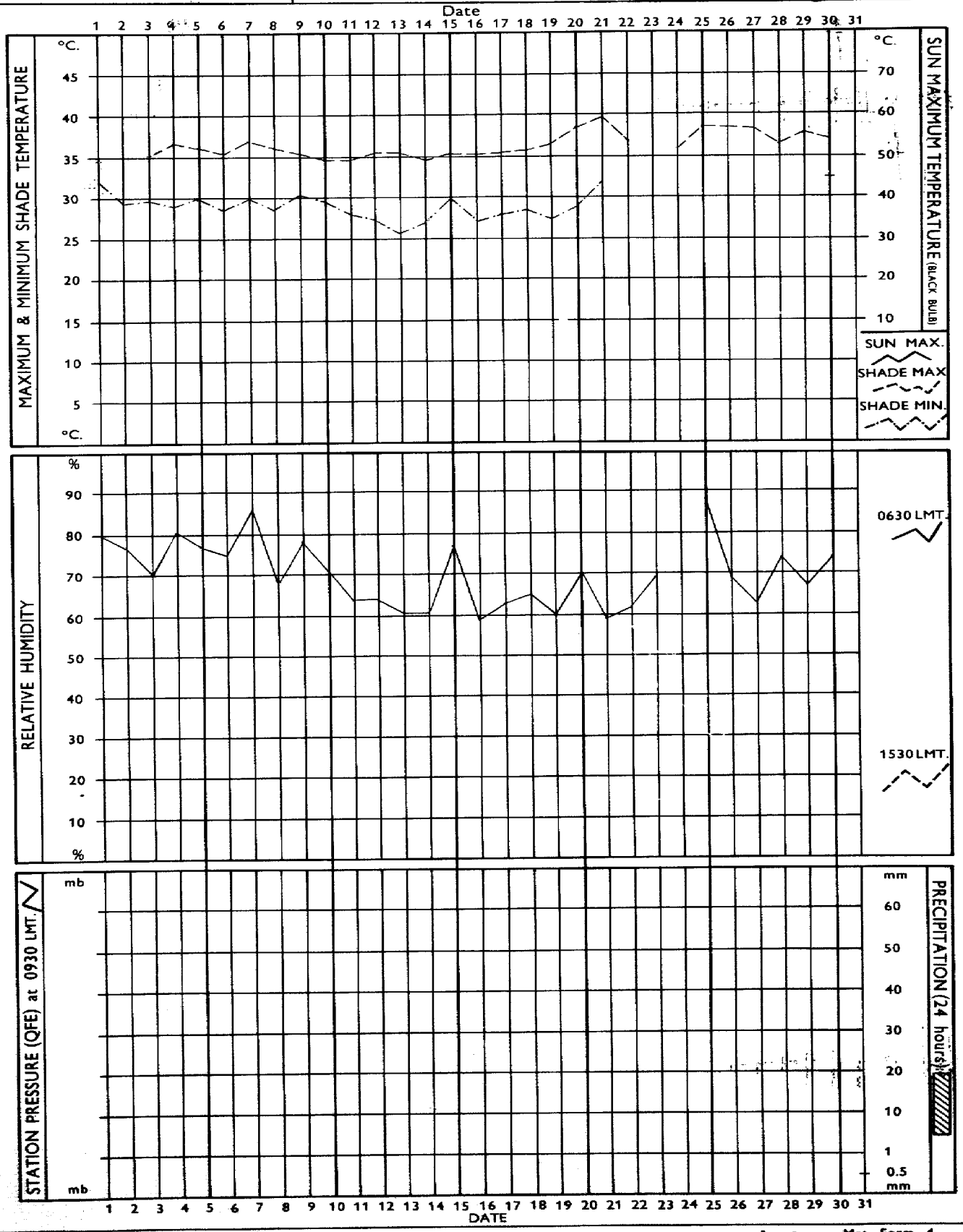
Rainsh : Rain falling as showers

Hail : Solid precipitation

Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : September	Year : 1964
		Station : Farsi Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 28°00' N.	Long : 50°10' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964

Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long 53°22' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	30.0	28.0	27.3	36.2	85	1001.2	290	1	0	4	33.1	29.0	27.6	36.8	73	1001.9	150	14	0	18	1
2	29.6	28.0	27.5	36.7	90	999.8	280	3	0	10	34.4	29.4	27.6	37.0	68	1000.1	220	8	1	15	2
3	29.0	27.5	26.9	35.5	89	999.4	290	1	0	4	34.7	29.5	27.7	37.1	67	1000.7	230	10	2	14	3
4	31.0	29.0	28.3	38.5	86	1001.2	130	2	0	6	34.0	29.4	27.8	37.4	70	1002.1	180	9	0	4	4
5	32.0	29.2	28.2	38.3	81	1002.9	110	5	0	3	33.8	29.7	28.3	38.4	73	1003.7	140	10	0	14	5
6	30.7	29.4	28.9	40.0	90	1003.9	080	2	2	6	34.7	29.9	28.3	38.4	70	1004.0	220	4	1	15	6
7	29.7	28.4	27.9	37.7	90	1001.7	280	1	1	15	35.2	29.5	27.5	36.7	65	1002.0	230	7	1	16	7
8	29.0	27.0	26.2	34.1	85	1001.8	320	1	1	20	34.8	29.0	26.9	35.4	64	1002.3	180	5	1	20	8
9	28.6	27.0	26.4	34.4	88	1000.9	260	1	7	22	34.5	28.9	26.8	35.4	65	1002.6	180	8	4	16	9
10	29.6	27.0	26.0	33.6	81	1002.8	270	2	0	24	34.5	29.3	27.4	36.6	67	1003.5	130	15	1	20	10
11	31.3	29.0	28.2	38.2	84	1003.5	100	5	1	16	33.7	28.3	26.3	34.2	65	1004.6	170	16	1	16	11
12	28.0	26.9	26.5	34.6	91	1002.8	280	2	4	24	34.5	28.3	25.9	33.5	61	1003.6	190	3	3	20	12
13	29.8	27.8	27.1	35.8	85	1002.3	230	1	2	20	33.9	29.0	27.2	36.1	68	1002.9	160	12	1	16	13
14	31.8	29.4	28.6	39.1	83	1004.1	110	5	0	20	33.3	29.0	27.4	36.6	72	1004.6	120	19	0	20	14
15	31.3	28.6	27.7	37.0	81	1005.7	130	4	2	18	33.7	29.0	27.3	36.3	69	1005.7	120	11	2	16	15
16	28.0	25.3	24.1	30.1	80	1003.9	290	2	0	20	33.5	28.2	26.2	34.0	66	1003.6	160	8	1	20	16
17	29.4	27.2	26.3	34.3	84	1004.2	270	1	0	2	34.2	29.4	27.7	37.2	69	1004.6	180	9	1	5	17
18	33.0	30.6	29.8	42.0	84	1005.0	330	4	1	20	34.7	26.6	23.2	28.4	51	1005.6	130	14	1	20	18
19	29.7	27.8	27.1	35.9	86	1003.9	300	1	0	20	35.0	29.1	26.9	35.6	63	1004.2	160	3	0	18	19
20	31.4	26.7	24.8	31.3	68	1003.2	100	9	0	15	33.8	28.2	26.1	33.8	64	1003.6	160	5	0	15	20
21	29.1	27.3	26.6	34.9	87	1003.6	070	2	0	18	33.8	27.7	25.3	32.3	61	1004.6	180	9	0	14	21
22	27.8	26.2	25.6	32.8	88	1003.0	280	2	0	30	34.2	28.1	25.8	33.1	61	1003.7	240	8	0	45	22
23	27.6	23.6	21.7	25.9	70	1001.9	290	1	0	18	34.8	24.5	19.4	22.5	40	1003.1	120	4	0	18	23
24	27.4	24.6	23.3	28.7	79	1004.0	330	2	0	20	33.2	28.4	26.6	34.9	69	1005.3	160	10	0	30	24
25	25.7	23.5	22.4	27.2	82	1006.3	040	1	0	20	33.2	28.0	26.1	33.7	66	1006.9	170	12	0	22	25
26	25.5	24.3	23.8	29.4	91	1006.8	290	2	0	20	32.6	28.8	26.3	34.2	70	1006.6	180	9	1	20	26
27	26.8	24.5	23.5	28.9	82	1006.5	300	1	0	24	32.0	27.3	25.4	32.6	69	1007.7	150	14	1	22	27
28	27.1	23.8	22.3	26.9	75	1009.8	080	2	0	30	32.4	27.4	25.4	32.5	67	1011.5	170	7	0	45	28
29	26.4	22.8	21.0	24.9	72	1011.8	360	1	0	35	33.3	26.0	22.8	27.8	54	1012.4	180	6	0	30	29
30	28.4	21.2	17.0	19.4	50	1009.1	330	5	0	30	36.8	25.4	20.0	23.3	37	1008.7	280	13	0	30	30
31																					31
Av.	29.2	26.7	25.7	33.4	82	1003.9	–	2	1	18	34.0	28.3	26.1	34.1	64	1004.5	–	9	1	19	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : September Year : 1964
Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
32.9	29.0	27.6	37.0	74	1000.8	250	3	5	8	32.9	34.8	29.3	28.7	71.3	120	15	0	Mist	1
33.0	27.6	25.5	32.6	65	998.5	270	4	0	10	31.5	35.0	28.8	27.9	73.0	230	9	0	Fair	2
33.3	26.8	24.1	30.0	58	999.1	310	3	6	1	31.5	35.4	28.2	27.4	74.6	250	10	0	Dust	3
33.0	28.9	27.4	36.6	72	1001.1	260	3	0	4	31.7	34.8	29.2	28.0	71.2	140	11	0	Haze	4
32.7	29.5	28.4	38.7	78	1002.6	140	2	1	6	32.5	35.3	29.8	29.2	72.6	160	10	0	"	5
33.7	27.5	25.1	31.8	61	1001.8	270	5	0	10	32.2	36.3	29.4	27.3	73.0	310	15	0	Mist	6
34.1	26.6	23.4	28.8	54	999.6	290	5	0	18	32.5	36.0	28.8	27.6	73.0	310	14	0	Fair	7
33.5	26.6	23.7	29.3	57	1000.7	260	3	2	24	31.8	35.5	28.3	27.0	71.4	170	6	0	"	8
33.0	27.3	25.1	31.8	63	1001.6	190	5	3	10	31.8	35.2	27.8	26.1	73.8	190	8	0	P.Cloudy	9
33.0	28.5	26.6	34.8	69	1002.0	260	3	1	15	31.8	35.0	29.2	28.5	71.8	120	20	0	Fair	10
32.5	27.3	25.3	32.2	66	1002.6	260	7	1	18	31.3	34.6	28.5	26.6	71.6	120	17	0	"	11
32.2	26.3	23.8	29.5	61	1001.9	270	4	1	20	31.4	34.6	28.0	26.6	74.2	300	11	0	P.Cloudy	12
32.2	28.5	27.2	36.0	75	1001.9	180	6	5	12	31.9	34.3	27.4	25.3	71.7	140	15	0	Fair	13
32.1	27.6	25.8	33.3	69	1004.0	120	3	0	15	31.4	35.1	29.2	29.4	71.6	140	24	0	Clear	14
32.5	28.2	26.6	34.8	71	1004.0	290	5	1	14	31.1	34.8	28.2	26.4	71.6	310	12	0	P.Cloudy	15
32.5	27.3	25.3	32.2	66	1003.3	180	2	7	15	31.2	34.7	27.2	26.6	72.0			0	Fair	16
33.0	28.4	26.7	35.0	69	1003.9	300	4	3	4	32.1	35.5	28.8	27.2	73.5	330	11	0	Mist	17
32.9	27.1	24.8	31.3	68	1003.8	240	3	0	20	31.0	35.8	28.8	27.5	72.5	340	13	0	Fair	18
34.0	27.8	25.4	32.4	61	1002.7	290	2	0	16	31.5	37.0	27.7	25.7	74.6	320	11	0	Clear	19
32.5	28.3	26.7	35.1	72	1002.9	330	3	0	15	31.2	35.2	29.8	27.2	71.4	120	10	0	"	20
32.5	27.2	25.1	31.8	65	1003.6	280	8	0	14	32.2	34.5	27.3	25.5	70.5			0	"	21
32.5	27.3	25.3	32.2	66	1003.4	280	7	0	20	31.5	35.8	27.1	25.9	72.6	260	17	0	"	22
32.6	25.3	22.0	26.4	54	1002.7	230	3	0	14	31.2	35.7	27.5	26.0	72.4	290	16	0	"	23
32.2	25.1	21.8	26.2	55	1005.4	280	2	0	20	30.6	34.5	26.5	24.9	69.5	180	11	0	"	24
31.7	25.6	22.9	28.0	60	1006.2	300	4	0	20	30.6	34.5	25.2	22.5	70.9			0	"	25
31.5	27.0	25.2	32.1	69	1005.6	210	2	0	20	30.5	33.8	25.2	23.6	72.0			0	"	26
30.4	26.3	24.6	31.0	71	1007.6	280	1	0	24	30.6	33.1	24.9	21.4	69.1	150	14	0	Fair	27
30.8	25.8	23.7	29.2	66	1010.9	260	2	0	20	31.5	33.4	24.1	21.5	71.0	150	9	0	Clear	28
31.2	24.8	21.8	26.2	59	1011.3	290	2	0	30	31.1	34.2	24.4	21.6	72.0	290	7	0	"	29
31.5	26.3	24.2	30.1	65	1007.9	280	6	0	30	31.0	37.5	24.9	22.0	73.8	270	20	0	"	30
																			31
32.5	27.2	25.0	31.9	65	1003.4	–	3	1	16	31.5	35.1	27.7	26.0	72.1					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES

CLIMATOLOGICAL GRAPH

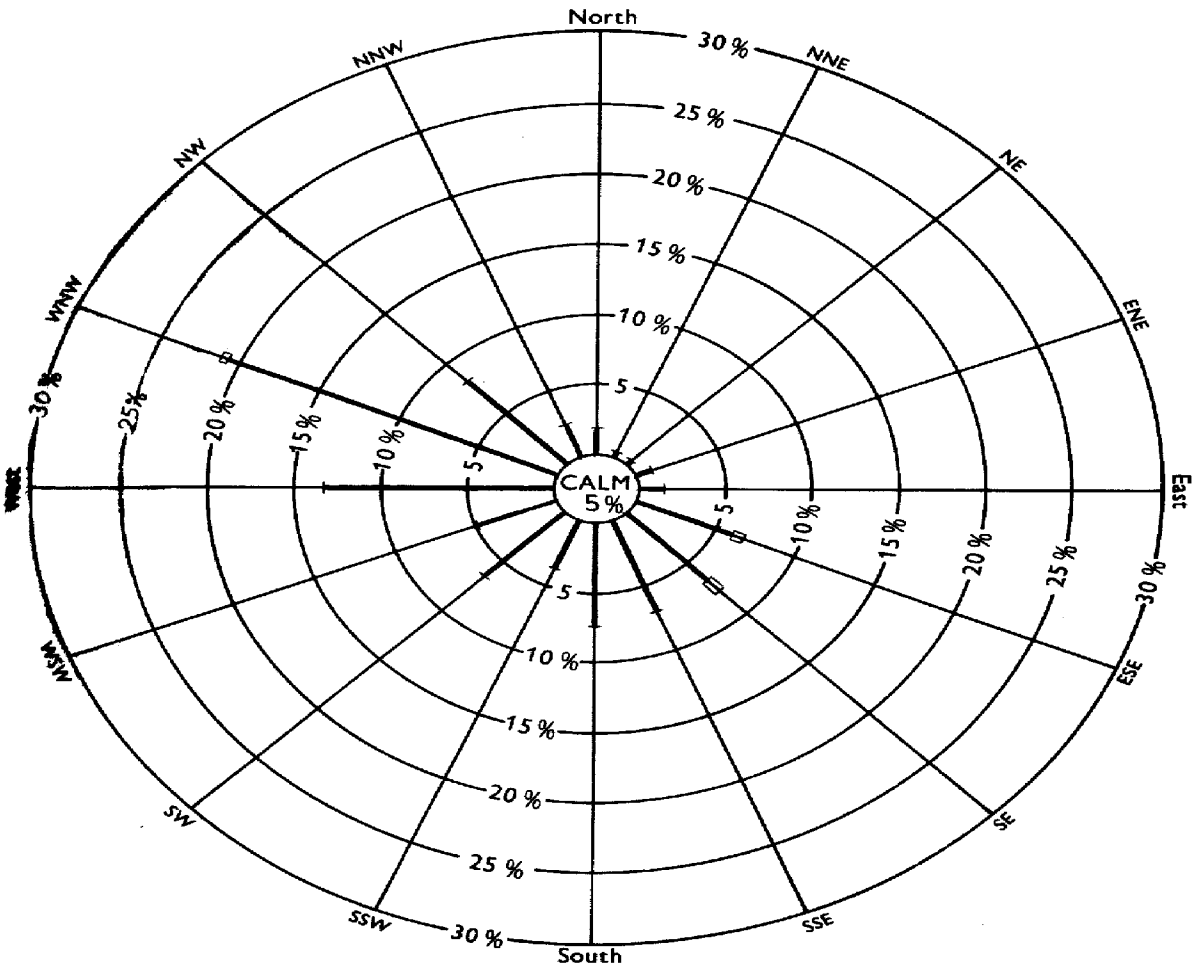
Month : September | Year : 1964

Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

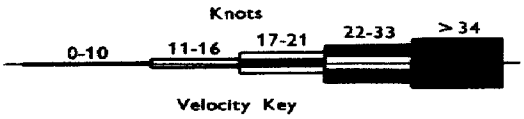
Met. Form 4

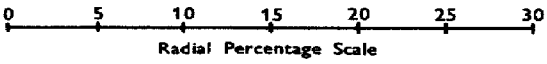
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : September	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 720

Hours recorded 720



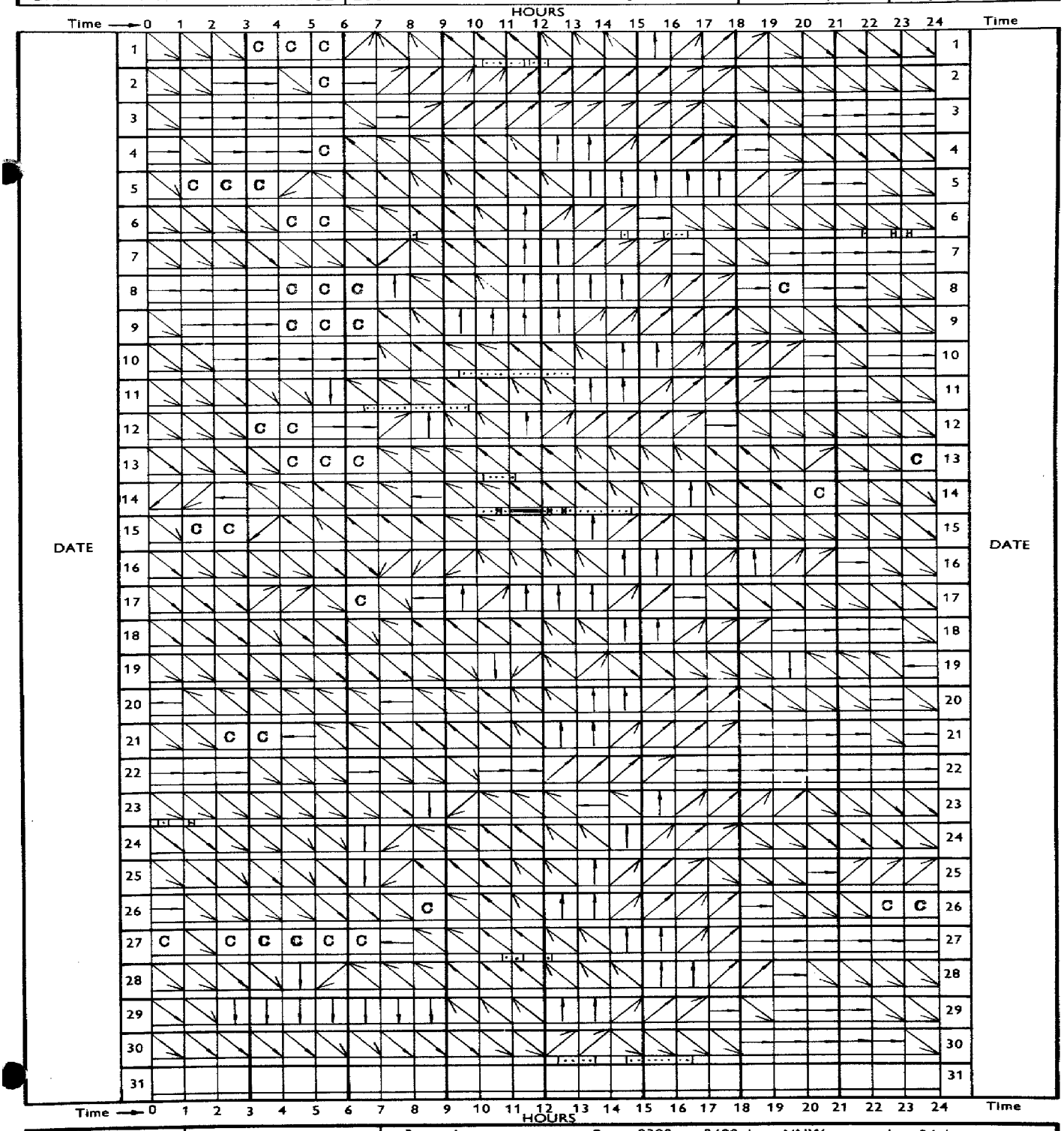


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

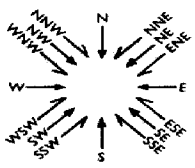
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : September	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



3 40 4 Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

SHEIKH SHU'AIB

Average Daily Wind Variation, September 1964.

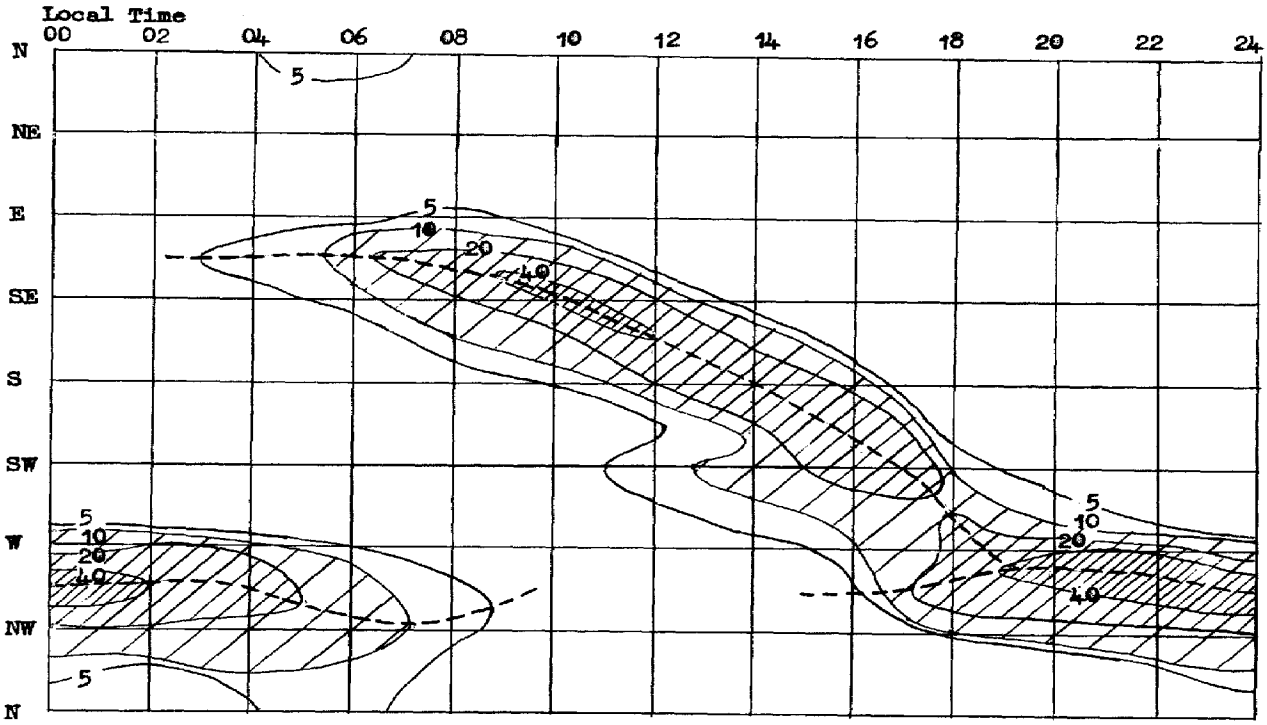


Figure 1. The daily variation of the winds on Sheikh Shu'aib followed a very regular pattern during September. The figure shows the average frequency distribution in percent of all observations during the 24 hours. This regular variation is due to thermal conditions of the place and the influence of the Coriolis accelleration (causing a veering of the wind).

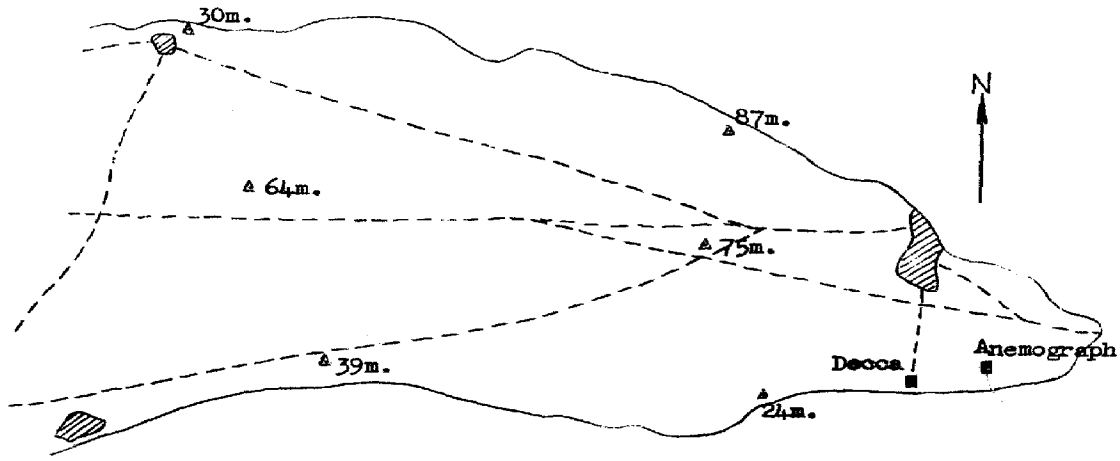
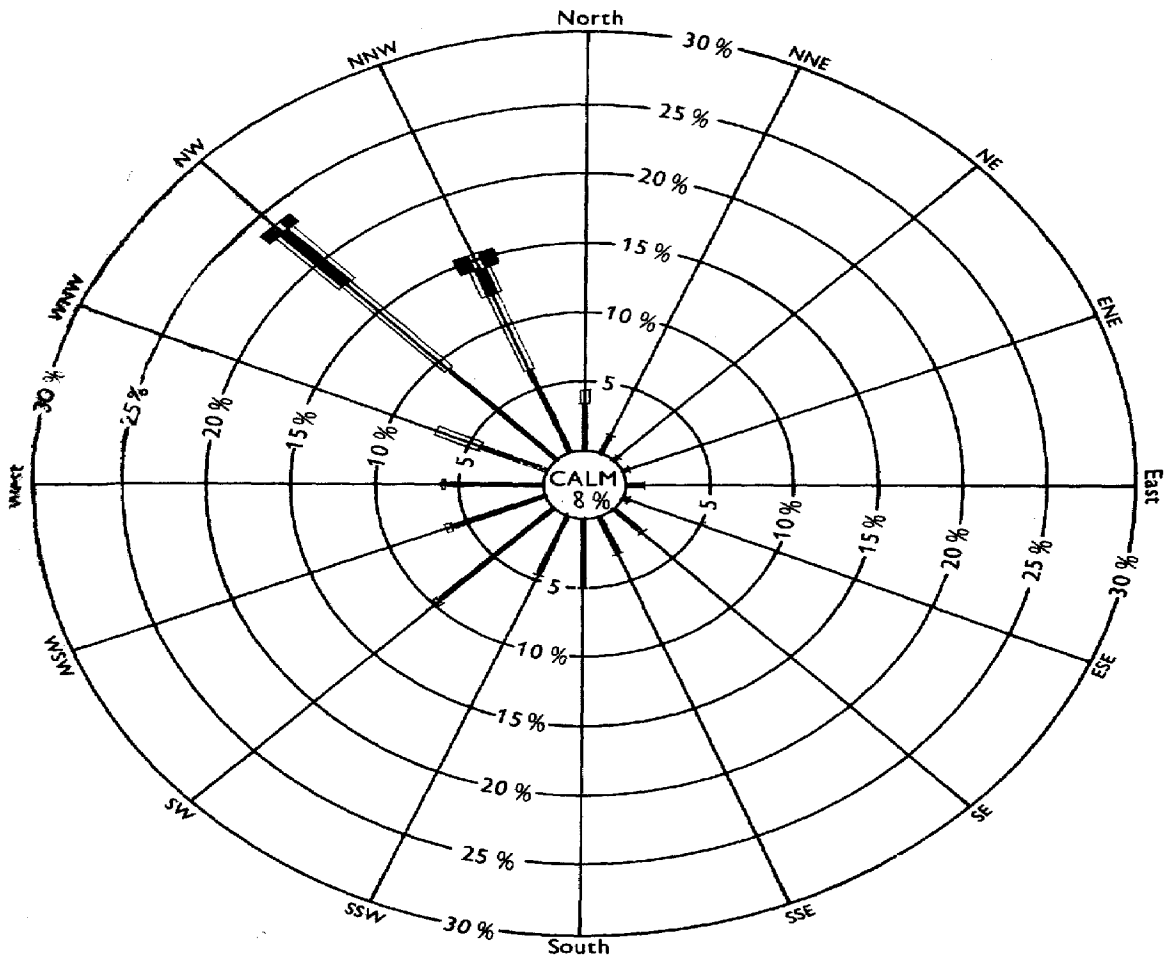


Figure 2. The location of the anemograph on Sheikh Shu'aib.

Roads or Tracks

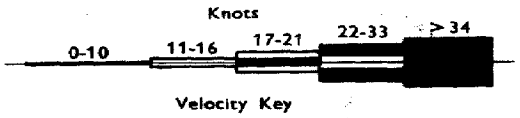
Villages

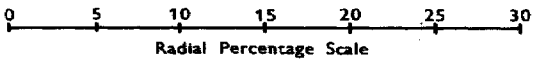
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : September	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



Hours in month 720

Hours recorded 720





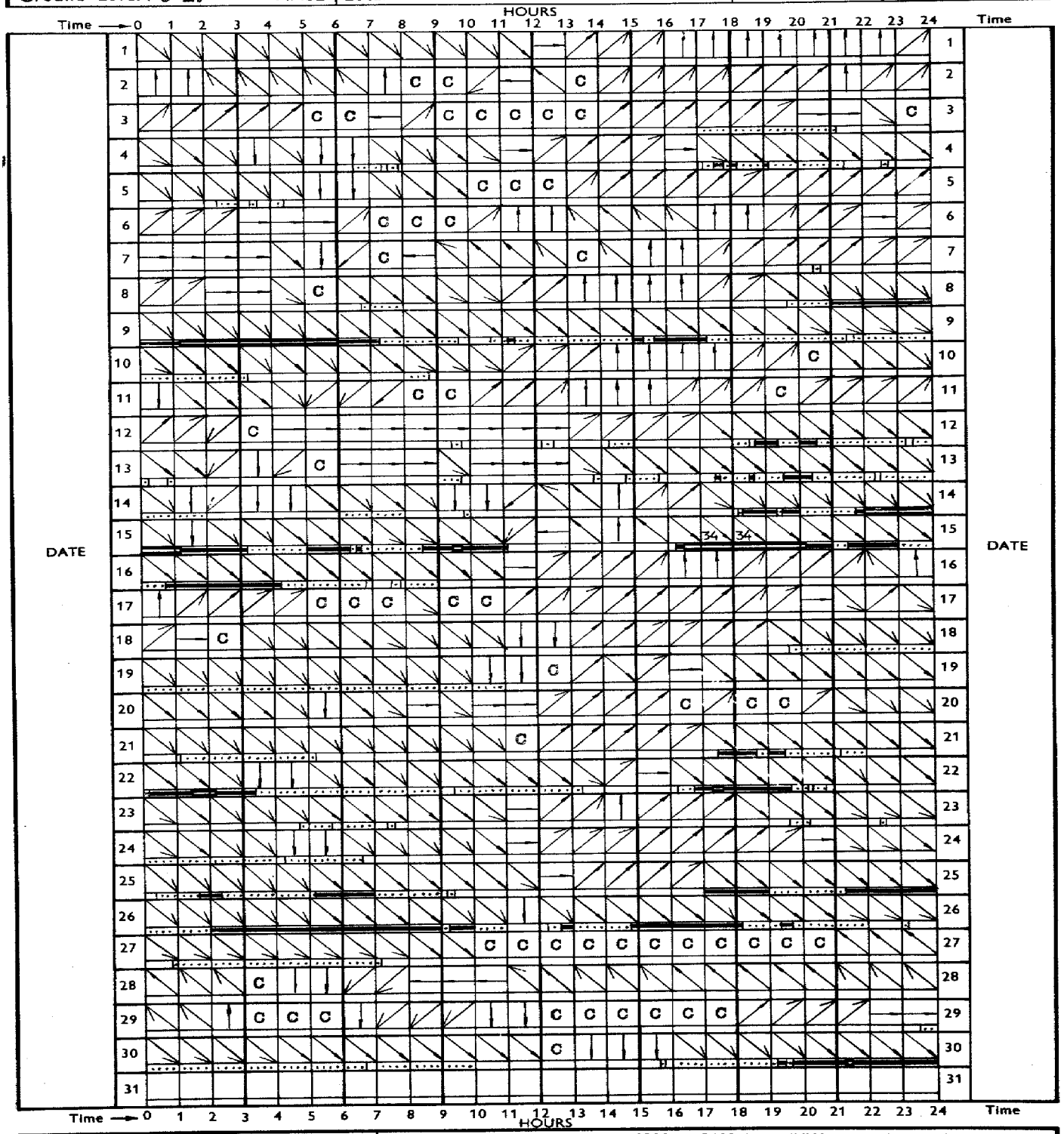
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : September	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



VELOCITY KEY		DIRECTION KEY	
C	Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW	
	1-10 Knots		
	11-16		
	17-21		
	22-33		
	> 34		
NR	No Record.		

3 40 4 Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

MEAN SEA LEVEL PRESSURE (QFF) MB

Date	Masjid-i-Sulaiman 0630	1230	1830	Agha Jari 0630	1230	1830	Gach Saran 0630	1230	1830	Abadan 0630	1230	1830
1	1000.3	999.0	998.8	1001.5	1001.1	1000.0	998.2	996.4	998.4	1001.3	1001.2	999.6
2	999.2	998.1	997.0	1000.9	1000.1	997.9	997.7	995.0	996.1	1000.0	999.8	997.8
3	999.2	998.7	997.3	1001.0	1001.7	998.1	997.9	996.5	996.0	1000.0	1000.2	998.3
4	999.1	999.8	998.9	1001.6	1002.1	999.6	998.9	997.7	997.9	1000.9*	1002.0*	1000.3
5	1001.5	1001.9	1000.7	1003.0	1003.7	1002.1	1001.5	1000.1	998.1	1002.9	1003.4	1001.8
6	1002.5	1003.1	1001.2	1004.1	1004.4	1002.3	1002.5	1001.4	1000.7	1003.1	1003.6	1001.8
7	1000.5	1001.4	999.3	1003.1	1002.4	999.8	1001.0	999.2	998.1	1002.0	1002.0	999.2
8	999.9	1000.7	999.8	1001.0	1002.0	999.5	999.6	998.8	998.1	1000.9	1001.6	1000.0
9	999.9	1000.7	1001.1	1001.6	1003.1	1002.0	999.0	998.8	999.9	1002.1	1003.4	1002.6
10	1002.7	1002.9	1002.5	1004.0	1004.2	1002.9	1001.9	1000.8	1001.4	1003.9	1004.6	1003.0
11	1001.4	1003.3	1002.2	1004.7	1004.8	1002.3	1003.1	1002.1	1001.7	1003.5*	1004.7*	1002.3
12	1002.7	1001.6	1000.3	1003.3	1003.1	1000.5	1001.5	1001.9	1000.1	1003.0	1003.7	1001.7
13	1000.1	1000.7	1000.1	1002.0	1002.4	1000.7	1000.2	999.0	999.7	1001.4	1002.7	1001.0
14	1001.9	1003.0	1002.4	1004.2	1004.9	1003.2	1001.7	1001.7	1001.9	1003.6	1004.8	1004.2
15	1003.7	1003.4	1002.5	1006.5	1005.2	1003.4	1003.8	1001.8	1001.6	1006.4	1005.4	1004.2
16	1002.7	1002.2	1002.3	1004.6	1004.2	1003.2	1002.1	1000.1	1002.2	1003.7	1004.0	1002.6
17	1003.7	1004.2	1003.3	1005.3	1005.8	1004.5	1003.5	1002.7	1003.3	1004.2	1005.9	1004.3
18	1005.6	1006.3	1004.2	1007.3	1007.1	1004.6	1005.1	1004.3	1003.0	1006.6*	1007.8*	1005.1
19	1004.9	1005.1	1003.6	1006.4	1006.7	1004.1	1004.4	1002.9	1002.1	1006.8	1007.2	1005.5
20	1004.1	1003.6	1003.1	1004.7	1005.3	1003.5	1002.8	1001.6	1002.0	1004.6	1005.3	1004.1
21	1002.8	1003.3	1002.8	1004.3	1005.2	1003.5	1002.5	1001.3	1002.3	1004.2	1004.9	1004.4
22	1002.9	1002.5	1001.9	1004.4	1004.6	1003.3	1002.8	1001.1	1001.7	1004.4	1005.1	1004.4
23	1002.6	1003.7	1003.6	1005.1	1005.6	1003.9	1002.9	1001.5	1002.0	1005.6	1005.3	1004.3
24	1004.3	1004.9	1004.6	1005.9	1006.5	1005.3	1004.2	1003.0	1004.5	1005.8	1006.2	1005.3
25	1006.8	1006.7	1006.0	1008.3	1008.4	1006.4	1006.4	1005.0	1005.0	1008.5*	1008.6*	1007.7
26	1006.4	1005.7	1005.7	1008.2	1007.8	1006.7	1006.2	1004.0	1005.1	1008.4	1008.2	1007.5
27	1005.6	1005.6	1006.3	1007.4	1007.1	1007.5	1005.3	1003.3	1005.8	1006.1	1007.0	1006.1
28	1010.2	1009.9	1010.7	1010.5	1011.5	1011.6	1008.7	1008.3	1010.1	1009.7	1010.9	1010.8
29	1012.5	1012.2	1011.8	1013.3	1013.9	1012.4	1011.2	1010.5	1010.5	1012.8	1013.7	1012.0
30	1010.7	1009.5	1009.7	1011.9	1010.7	1009.3	1009.5	1006.9	1007.5	1010.8	1011.0	1010.2
31												
Av.	1003.3	1003.5	1002.8	1005.0	1005.2	1003.5	1002.9	1001.6	1001.9	1004.6	1005.1	1003.7

Date	Ahwaz 0630	1230	1830	Bandar Mashur 0630	1230	1830	Kharg Island 0630	1230	1830	Sheikh Shu'aib 0630	1230	1830
1	1000.6	1000.6	998.7	1000.7	1000.5	999.4	1000.5	1001.4	1000.0	1001.6	1002.3	1001.2
2	999.9	999.9	996.9	1000.0	999.5	997.5	999.8	999.0	998.4	1000.2	1000.5	998.9
3	999.7	1000.2	997.6	999.8	1000.2	997.4	999.8	1000.5	998.3	999.8	1001.1	999.5
4	1000.6	1001.4	999.5	1001.1	1001.3	999.5	1000.7	1001.5	999.9	1001.6	1002.5	1001.5
5	1002.3	1003.1	1001.2	1002.4	1003.1	1001.2	1002.3	1003.4	1002.2	1003.3	1004.1	1003.0
6	1002.9	1003.3	1001.4	1003.0	1003.8	1001.3*	1003.5	1004.2	1002.3	1004.3	1004.4	1002.2
7	1001.9	1001.9	999.3	1001.9	1002.2	999.1	1001.8	1001.7	999.9	1002.1	1002.4	1000.0
8	1000.2	1001.7	999.4	1000.3	1001.3	998.3	1000.5	1001.8	999.1	1002.2	1002.7	1001.1
9	1001.0	1001.9	1001.4	1001.1	1002.5	1001.9	1000.2	1002.2	1001.7	1001.3	1003.0	1002.0
10	1003.1	1003.8	1002.2	1003.2	1003.9	1002.0	1003.0	1004.5	1002.6	1003.2	1003.9	1002.4
11	1003.6	1004.6	1002.3	1003.4	1003.8*	1002.1	1003.3	1004.7	1002.7	1003.9	1005.0	1003.0
12	1002.6	1002.6	1000.8	1002.0	1002.5	1000.6	1002.4	1003.3	1001.1	1003.2	1004.0	1002.3
13	1001.0	1001.7	1000.4	1001.3	1001.8	1000.0	1001.0	1002.4	1001.1	1002.7	1003.3	1002.3
14	1002.7	1003.9	1003.1	1003.4	1004.3	1003.2	1003.3	1004.9	1003.1	1004.5	1005.0	1004.4
15	1004.9	1004.7	1002.9	1006.0	1004.7	1002.9	1006.0	1005.7	1003.5	1006.1	1006.1	1004.4
16	1003.4	1003.3	1002.3	1003.9	1004.0	1002.7	1003.7	1003.9	1003.1	1004.3	1004.0	1003.7
17	1004.3	1005.3	1003.4	1004.9	1005.5	1003.8	1004.8	1005.0	1003.5	1004.6	1005.0	1004.3
18	1006.3	1007.4	1004.5	1006.5	1006.8	1004.0	1005.9	1006.6	1004.1	1005.4	1006.0	1004.2
19	1005.8	1006.6	1004.2	1006.2	1006.3	1004.1	1005.1	1006.0	1003.7	1004.3	1004.6	1003.1
20	1003.8	1004.8	1003.4	1004.1	1004.7	1003.1	1003.0	1004.7	1003.5	1003.7	1004.0	1003.3
21	1003.5	1004.4	1002.9	1003.6	1004.7	1002.8	1003.4	1004.6	1003.4	1004.0	1005.0	1004.0
22	1003.4	1003.9	1003.2	1003.6	1004.3	1003.2	1003.5	1004.4	1002.9	1003.4	1004.1	1003.8
23	1004.7	1004.8	1003.4	1004.9	1004.9	1003.3	1004.0	1004.8	1003.8	1002.3	1003.5	1003.1
24	1004.9	1005.9	1004.8	1005.0	1006.1	1004.0	1004.8	1005.8	1005.0	1004.4	1005.7	1005.8
25	1007.4	1007.9	1006.4	1007.5	1007.2	1006.1	1006.6	1007.8	1006.4	1006.7	1007.3	1006.6
26	1007.2	1007.1	1006.5	1007.5	1007.0	1006.5	1007.1	1007.6	1006.0	1007.2	1007.0	1006.0
27	1006.3	1006.7	1006.1	1006.3	1006.7	1006.1	1007.1	1007.2	1006.6	1006.9	1008.1	1008.0
28	1009.6	1011.0	1010.7	1009.8	1011.0	1010.5	1009.4	1010.9	1010.6	1010.2	1011.9	1011.3
29	1013.2	1013.6	1011.7	1013.2	1013.2	1011.3	1012.3	1013.2	1011.9	1012.2	1012.8	1011.7
30	1010.9	1010.4	1009.4	1011.1	1010.2	1009.0	1010.5	1010.5	1008.4	1009.5	1009.1	1008.3
31												
Av.	1004.1	1004.6	1003.0	1004.3	1004.6	1002.9	1004.0	1004.8	1003.3	1004.3	1004.9	1003.8

* Values obtained from barograph.

Met.form 9

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WEATHER BUREAU

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

METEOROLOGICAL OBSERVATIONS

FOR

OCTOBER
1964

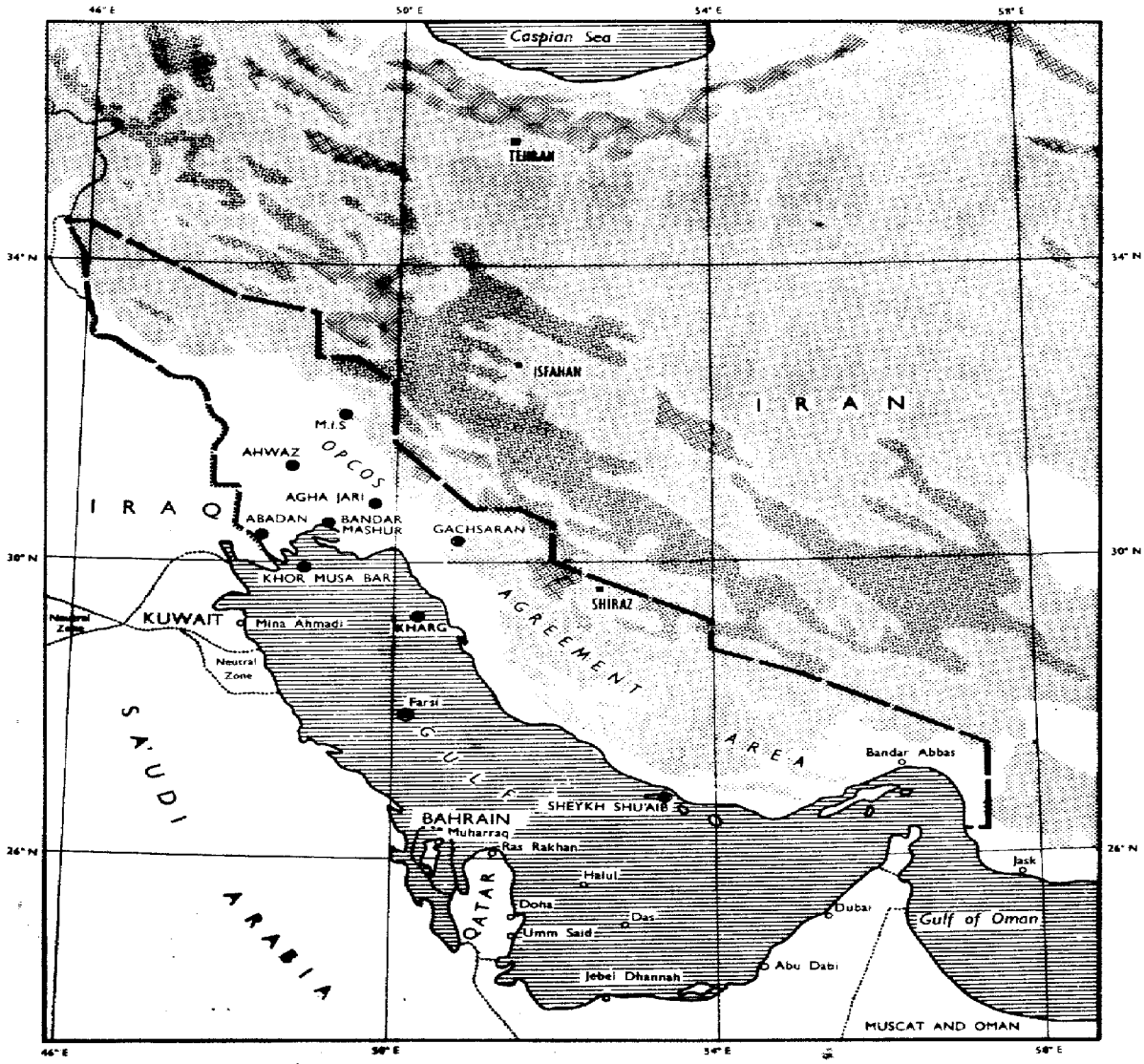
133.

IRANIAN OIL OPERATING COMPANIES' WEATHER STATIONS

50 0 100 200 300 400 500

Kilometres

SCALE 1 : 8,000,000



LEGEND

Company Weather Station	KHARG
Non - company Weather Station	Jebel Dhanneh
Ground elevation over 500 metres AMSL	
Ground elevation over 2000 metres AMSL	
Companies' Agreement Boundary	
International Boundaries	

NOTE : Khor Musa Bar, weekly recording anemograph only

NOTE : Boundary extends 3 statute miles offshore from mainland and adjacent islands

Met Form No 1

135.

WEATHER BULLETIN

October 1964.

CONTENTS.

The following stations are included in this bulletin.

Station	Index Number	Latitude	Longitude	Height AMSL	Page
Masjid-i-Sulaiman (Airport) 1)	40 812	31°59' N	49°16' E	362 m.	4
Agha Jari (Ummidieh airport) 1)	40 833	30°44' N	49°40' E	29 m.	9
Gach Saran (Du Gombadan airport) 1)	40 835	30°20' N	50°50' E	709 m.	14
Ahwaz (airport) 2)	-	31°20' N	48°45' E	21 m.	17
Abadan (IOOC airport) 2)	-	30°22' N	48°13' E	3 m.	20
Bandar Mashur (Narine Department) 3)	40 832	30°30' N	49°12' E	3 m.	23
Kharg Island (Airport) 1)	40 845	29°16' N	50°20' E	3 m.	28
Farsi Island (I.I.Navy) 4)	-	28°00' N	50°10' E	3 m.	33
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	35
Khor Musa (Instrument platform) 5)	-	30°00' N	49°02' E	6 m.	40

1) International Synoptic and Aeronautical Station.
2) Climatological and Aeronautical Station.
3) International Synoptic Station.
4) Climatological Station.
5) Wind recording only.

REMARKS.

See "Remarks" in the July 1964 bulletin.

WEATHER.

The following table gives the departures from the normal October values of certain meteorological elements (+ = higher than normal; - = lower than normal). Concerning the periods used for calculating the normal values, see the April 1964 bulletin.

	Maximum Temperature °C	Minimum Temperature °C	Sun Maximum Temp. °C	Ground Minimum Temp. °C	Sea Temperature °C	Relative Humidity Average of day %	Rainfall % of normal	Station Pressure mb
Masjid-i-Sulaiman	-2.1	-1.6	+1.1	-3.7		-3	0.0	±0.0
Agha Jari	-1.7	-7.2	-0.9			-11	0.0	+0.6
Gach Saran	-1.0	-4.7	-0.6	-3.2		-10	0.0	-0.7
Ahwaz	-1.8	-2.2					0.0	
Abadan	-1.2	-5.3	+2.5			-11	0.0	+1.0
Bandar Mashur	-2.7	-1.6	-2.0				0.0	+0.6
Kharg Island	-2.0	-1.4	+2.1	-1.1		-6	0.0	-0.7
Sheikh Shu'aib	-0.5	-1.1	+2.7	+0.6	-2.3	-8	0.0	-0.2

Sharji was experienced in Fields mainly during the period 14-17 October.

OPTICAL PHENOMENA.

No halo or similar phenomena were observed during the month.

EARTHTREMORS ETC.

No earthtremors were experienced in Fields during the month.

ERRATA.

September 1964. Page 2, 8th line from bottom. Add after "the following days:" 1-3, 5-6, 13-14 and 28-29 September.

T. Bergquist
IMCOS Ltd.

136.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month : October Year : 1964

Local Time : GMT + 3½ hrs.

STATION	Maximum Temperature Monthly Average	Maximum Temperature Monthly Highest	Maximum Temperature Monthly Highest Date	Minimum Temperature Monthly Average	Minimum Temperature Monthly Lowest	Minimum Temperature Monthly Lowest Date	Ground Min. Temperature Monthly Average	Ground Min. Temperature Monthly Lowest	Ground Min. Temperature Monthly Lowest Date	Sea Temp Monthly Average	Sun Maximum Temperature Monthly Average	Sun Maximum Temperature Monthly Highest	Sun Maximum Temperature Monthly Highest Date	Humidity Vapour Pressure at 0930	Humidity Dew Point Depression at 0930	Humidity Rel. Hum. Daily avr.	Humidity Rel. Hum. 1530 (avr.)	Humidity Rel. Hum. 0630 (avr.)	Rainfall Monthly Total	Rainfall Maximum in 24 hrs.	Rainfall Maximum in 24 hrs. Date	Station Pressure (QFE) at 0930 Monthly Average	Station Pressure (QFE) at 0930 Monthly Highest	Station Pressure (QFE) at 0930 Monthly Highest Date	Station Pressure (QFE) at 0930 Monthly Lowest	Station Pressure (QFE) at 0930 Monthly Lowest Date	Maximum Wind Velocity Velocity	Maximum Wind Velocity Direction	Maximum Wind Velocity Date
	°C	°C	Date	°C	°C	Date	°C	°C	Date	°C	°C	°C	Date	mb	°C	%	%	%	mm	mm	Date	mb	mb	Date	mb	Date	kts.	degr.	Date
Masjid-i-Sulaiman	33.1	37.3	1	16.7	12.0	30	11.4	7.2	28		64.6	69.2	1	5.5	27.1	19	10	28	0.0	0.0	-	972.9	977.3	30	967.0	2	18	270	6
Agha Jari	34.9	40.2	3	11.4	7.3	8	9.7	3.3	27		69.4	76.6	3	6.1	25.6	19	8	33	0.0	0.0	-	1012.2	1017.4	30	1005.5	2	30	350	6
Gach Saran	31.7	36.5	2	10.7	7.3	28	10.2	6.8	28		64.3	68.5	9	4.8	28.5	18	6	32	0.0	0.0	-	933.5	938.0	30	927.8	2			
Ahwaz	34.8	39.4	2	13.4	10.0	28	11.4	8.0	8					11.2	15.3	34	16	55	0.0	0.0	-	1012.1	1017.1	30	1005.4	2			
Abadan	34.4	39.3	2	13.8	9.5	27					65.3	70.2	2	9.4	18.1	33	14	55	Tr.	Tr.	30	1014.1	1019.5	29	1007.8	2			
Bandar Mashur	33.4	38.2	3	16.1	13.0	30					62.7	68.2	3	11.7	14.6	39	20	57	0.0	0.0	-	1013.9	1019.1	30	1007.2	2	27	330	6
Kharg Island	30.3	34.6	3	21.7	17.0	29	19.1	13.0	28		65.3	68.4	18	20.2	10.4	57	44	72	0.0	0.0	-	1013.7	1018.8	30	1007.2	2	40	350	7
Farsi Island	36.0	38.2	1															74	0.0	0.0	-								
Sheikh Shu'aib	32.8	36.9	1	22.5	19.8	23	20.3	15.5	27	28.0	69.7	73.1	1	21.4	12.9	58	48	73	0.0	0.0	-	1013.3	1018.3	30	1007.0	2	32	130	28
Khor Musa																											32	360	4

NUMBER OF DAYS WITH:

STATION	Maximum Temperature < 10.0° C.	Maximum Temperature 10.0 - 19.9° C.	Maximum Temperature 20.0 - 29.9° C.	Maximum Temperature 30.0 - 39.9° C.	Maximum Temperature 40.0 - 44.9° C.	Maximum Temperature ≥ 45.0° C.	Minimum Temperature < 0.0° C.	Minimum Temperature 0.0 - 9.9° C.	Minimum Temperature 10.0 - 19.9° C.	Minimum Temperature 20.0 - 29.9° C.	Minimum Temperature 30.0 - 34.9° C.	Minimum Temperature ≥ 35.0° C.	Horizontal Visibility ≤ 200 m.	Horizontal Visibility 200 - 500 m.	Horizontal Visibility 500 - 1000 m.	Horizontal Visibility 1-2 km.	Horizontal Visibility 2-5 km.	Horizontal Visibility 5-15 km.	Horizontal Visibility 15-30 km.	Horizontal Visibility ≥ 30 km.	Fog (Vis. ≤ 1km.)	Dust (Vis. ≤ 1km.)	Thunderstorms	24 Hour Rainfall ≥ 0.1 mm	24 Hour Rainfall 0.1 – 0.9 mm	24 Hour Rainfall 1.0 – 4.9 mm	24 Hour Rainfall 5.0 – 9.9 mm	24 Hour Rainfall ≥ 10 mm	24 Hour Rainfall ≥ 1 inch	Cloudiness ≥ 7/8 at 0930	Cloudiness ≤ 2/8 at 0930	Cloudiness Daily Average
Masjid-i-Sulaiman	0	0	4	27	0	0	0	0	30	1	0	0	0	0	0	0	0	16	15	0	0	0	0	0	0	0	0	0	0	0	31	0.1
Agha Jari	0	0	0	30	1	0	0	11	20	0	0	0	0	0	0	1	4	13	13	0	0	0	0	0	0	0	0	0	0	0	31	0.2
Gach Saran	0	0	6	25	0	0	0	12	19	0	0	0	0	0	0	0	6	25	0	0	0	1	0	0	0	0	0	0	0	0	30	0.2
Ahwaz	0	0	0	31	0	0	0	0	31	0	0	0	0	0	0	2	0	7	22	0	0	0	0	0	0	0	0	0	0	0	31	0.2
Abadan	0	0	0	31	0	0	0	1	29	1	0	0	0	2	1	0	3	8	17	0	0	3	0	0	0	0	0	0	0	1	29	0.3
Bandar Mashur	0	0	1	30	0	0	0	0	28	3	0	0	0	0	0	1	2	4	21	3	0	0	0	0	0	0	0	0	0	1	30	0.2
Kharg Island	0	0	10	21	0	0	0	0	10	21	0	0	0	2	0	0	0	2	27	0	0	2	0	0	0	0	0	0	0	0	30	0.1
Farsi Island	0	0	0	31	0	0															0	0	0	0	0	0	0	0	0			
Sheikh Shu'aib	0	0	0	31	0	0	0	0	1	30	0	0	0	0	0	0	2	3	9	17	0	0	0	0	0	0	0	0	0	2	29	0.4

Met. Form 2

127.

3.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Masjid-i-Sulaiman

Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°59' N. | Long : 49°16' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	20.9	12.5	3.3	7.8	31	967.7	–	0	0	12	36.2	19.5	5.9	9.3	15	967.4	–	0	0	12	1
2	21.0	12.2	2.2	7.2	29	966.6	–	0	0	12	34.2	17.0	-1.1	5.6	10	965.7	–	0	0	10	2
3	25.7	13.1	-2.6	5.0	15	967.1	090	6	0	12	34.3	18.4	4.5	8.5	16	967.9	270	15	0	20	3
4	19.4	12.3	4.8	8.7	39	969.1	–	0	0	8	30.6	16.8	4.0	8.1	18	969.3	270	4	0	10	4
5	16.5	10.0	2.1	7.1	38	968.7	–	0	0	15	31.2	16.4	1.6	6.8	15	969.4	–	0	0	18	5
6	19.6	9.9	-3.8	4.5	20	969.2	–	0	0	15	32.0	16.2	-0.6	5.8	12	969.4	270	6	0	50	6
7	17.0	9.0	-2.2	5.1	26	967.9	–	0	0	10	32.0	15.9	-1.9	5.2	11	968.9	–	0	0	15	7
8	16.6	9.2	-0.7	5.8	31	971.8	–	0	0	10	31.4	15.2	-4.3	4.3	9	972.0	270	4	0	10	8
9	18.0	9.2	-3.4	4.6	22	971.6	–	0	0	20	34.8	16.3	-6.0	3.8	7	971.9	–	0	0	20	9
10	19.4	9.6	-4.8	4.1	18	969.8	–	0	0	12	34.6	16.2	-6.1	3.7	7	968.9	–	0	0	15	10
11	18.2	10.0	-0.9	5.7	27	968.4	–	0	0	12	33.4	15.5	-7.6	3.2	6	968.2	160	3	0	18	11
12	18.4	8.9	-5.8	3.8	18	969.0	–	0	0	15	33.4	15.6	-6.6	3.6	7	969.9	250	4	0	15	12
13	19.8	10.8	-0.7	5.8	25	970.2	–	0	0	15	33.3	15.0	-10.8	2.5	5	970.2	300	10	0	20	13
14	19.4	10.8	-0.1	6.1	27	972.1	–	0	0	12	31.0	15.6	-1.4	5.5	12	972.2	260	5	0	15	14
15	21.2	14.4	8.3	11.0	44	973.3	–	0	0	20	31.2	18.4	8.3	11.0	24	973.4	–	0	0	15	15
16	19.6	12.5	5.2	8.9	39	974.4	–	0	1	12	31.0	16.8	3.3	7.8	17	974.8	250	3	0	8	16
17	19.0	12.2	5.1	8.8	40	974.7	–	0	0	12	31.4	16.7	2.3	7.3	16	974.7	–	0	0	15	17
18	18.6	10.4	-0.1	6.1	28	973.3	–	0	0	15	32.8	15.2	-7.9	3.2	6	972.8	280	4	0	25	18
19	17.6	9.4	-1.8	5.3	26	972.6	–	0	0	15	32.2	15.3	-5.6	3.9	8	973.2	300	8	0	20	19
20	18.5	9.2	-4.5	4.2	20	973.8	–	0	0	15	34.0	16.3	-4.0	4.4	8	974.3	–	0	0	20	20
21	19.1	10.0	-2.2	5.1	23	975.1	–	0	0	15	31.5	15.4	-3.3	4.7	10	975.1	–	0	0	20	21
22	18.0	9.7	-1.6	5.4	26	973.9	–	0	0	10	31.0	14.4	-8.0	3.2	7	973.1	280	6	0	15	22
23	17.2	9.0	-2.7	4.9	25	972.3	–	0	0	15	31.4	14.6	-7.8	3.2	7	972.1	–	0	0	20	23
24	15.8	8.6	-1.4	5.4	30	973.6	–	0	0	15	31.4	14.4	-9.4	2.8	6	973.9	290	6	0	15	24
25	16.1	8.4	-2.8	4.9	27	974.6	–	0	0	20	30.2	14.0	-8.3	3.1	7	974.9	–	0	0	20	25
26	15.6	8.2	-2.5	5.0	28	973.4	–	0	0	20	28.0	13.6	-7.6	3.3	8	973.2	300	4	0	15	26
27	15.0	7.5	-4.1	4.4	26	971.6	–	0	0	15	28.3	13.3	-7.3	3.3	9	971.9	280	6	0	20	27
28	14.9	8.2	-1.2	5.5	33	972.4	–	0	0	20	27.0	13.2	-4.6	4.2	12	973.8	280	4	0	20	28
29	14.1	7.1	-3.7	4.5	28	974.9	060	2	1	20	27.2	12.7	-8.2	3.1	9	976.5	260	6	0	20	29
30	14.1	7.3	-2.9	4.8	30	976.7	–	0	0	20	28.1	14.0	-3.2	4.7	12	976.4	200	8	3	20	30
31	16.4	8.9	-1.4	5.5	29	975.4	–	0	6	20	27.8	14.3	-1.2	5.6	15	975.6	–	0	2	15	31
Av.	18.1	10.0	-0.9	5.8	28	971.8	–	0	0	15	31.5	15.6	-3.3	5.0	11	972.0	–	3	0	18	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Masjid-i-Sulaiman

Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°59' N. | Long : 49°16' E.

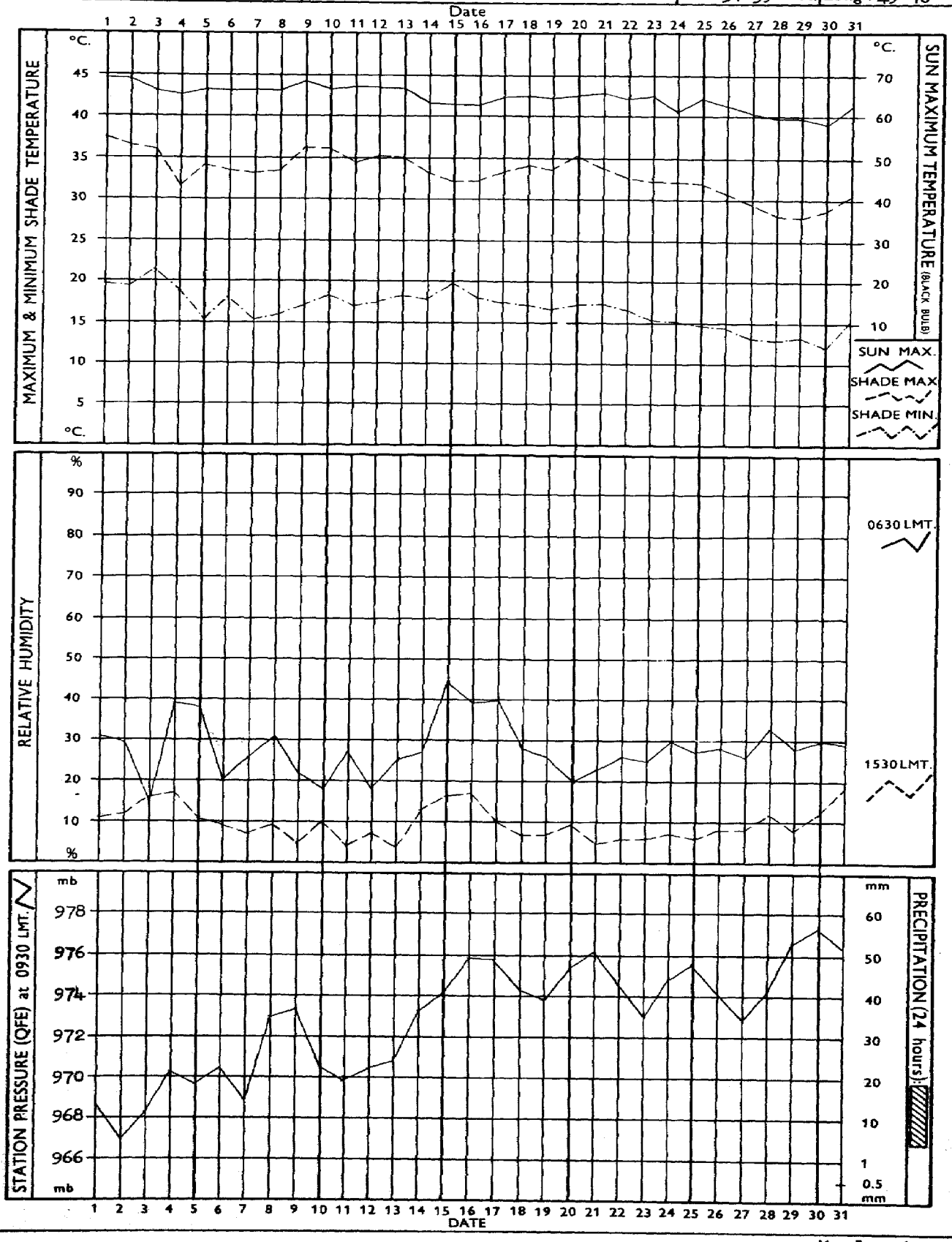
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
31.4	16.0	-0.5	5.9	13	966.0	–	0	0	10		37.3	19.8		69.2	240	8	0	Haze	1
34.4	17.0	-1.3	5.5	10	964.7	–	0	0	12		36.5	19.5		68.8	250	11	0	"	2
30.0	16.4	3.3	7.8	18	967.5	250	5	0	8		36.0	21.5		66.3	260	16	0	"	3
26.2	14.1	0.6	6.4	19	968.6	–	0	0	20		31.5	18.8		65.2	260	12	0	"	4
27.4	14.6	0.6	6.4	18	968.3	–	0	0	15		34.0	15.3		66.5	280	10	0	Clear	5
27.3	14.2	-0.7	5.8	16	968.3	–	0	0	20		33.4	18.1	14.1	66.0	270	18	0	"	6
26.0	13.6	-0.9	5.7	17	970.0	–	0	0	12		33.3	15.3	10.8	66.5	250	12	0	Haze	7
27.6	15.0	1.8	7.0	19	971.4	–	0	0	20		33.4	16.0	9.1	66.2	250	11	0	"	8
30.4	14.4	-6.1	3.7	8	971.5	–	0	0	20		36.2	17.1	12.2	68.2	200	11	0	Clear	9
28.4	14.6	-1.1	5.6	14	967.8	–	0	0	20		36.1	18.2	12.6	66.4	200	11	0	"	10
27.2	14.0	-1.4	5.5	15	968.1	–	0	0	20		34.4	17.0	11.2	67.2	170	12	0	"	11
29.2	14.3	-4.0	4.4	11	969.3	–	0	0	20		35.1	17.4	12.7	67.2	260	11	0	"	12
29.4	15.0	-1.2	5.6	14	969.6	–	0	0	15		35.0	18.3	12.2	66.9	300	17	0	"	13
27.3	16.2	6.3	9.6	26	971.6	–	0	0	20		33.1	18.0	13.7	63.2	240	8	0	"	14
26.8	15.7	5.4	9.0	25	973.1	270	2	0	15		32.2	19.7	15.2	62.8	250	11	0	"	15
26.8	15.7	5.4	9.0	25	974.0	–	0	0	15		32.3	18.0	13.9	62.6	270	12	0	Haze	16
27.8	14.2	-1.7	5.4	14	973.2	300	5	0	15		33.3	17.5	12.8	64.5	260	12	0	Clear	17
28.2	13.3	-7.2	3.4	9	971.3	–	0	0	25		34.1	17.2	12.1	65.2	250	12	0	"	18
27.0	15.4	4.2	8.3	23	972.8	280	2	0	20		33.6	16.8	11.6	64.6	270	13	0	"	19
28.2	14.3	-2.1	5.2	14	974.0	–	0	0	20		35.1	17.2	12.1	65.2	210	8	0	"	20
26.8	15.2	3.8	8.0	23	974.3	–	0	0	20		33.8	17.2	11.8	65.8	270	12	0	"	21
26.4	13.0	-4.4	4.3	12	972.1	–	0	0	30		32.8	16.6	10.6	64.2	240	14	0	Haze	22
26.8	12.4	-8.9	2.9	8	971.6	–	0	0	20		32.3	15.3	10.3	64.8	270	14	0	Clear	23
26.1	14.8	3.4	7.9	23	973.8	–	0	0	20		32.2	15.0	9.9	61.2	250	12	0	"	24
25.2	13.4	-0.3	6.0	19	974.4	300	4	0	30		31.9	14.8	14.4	64.2	280	12	0	"	25
24.2	12.7	-1.4	5.5	18	971.7	280	4	0	30		30.7	14.4	8.7	62.5	260	9	0	Haze	26
22.4	12.2	0.0	6.1	22	971.7	310	2	0	30		29.4	13.3	8.9	60.5	200	14	0	Clear	27
22.3	12.2	0.1	6.2	23	973.6	–	0	0	25		28.1	13.0	7.2	59.5	260	12	0	"	28
22.6	12.0	-1.2	5.6	20	976.1	300	2	0	20		28.0	13.2	8.9	59.5	270	11	0	"	29
25.0	13.2	-0.6	5.8	18	975.2	300	5	6	20		28.8	12.0	8.3	58.0	260	9	0	Fair	30
26.4	15.0	3.7	8.0	23	974.4	330	4	0	15		30.5	15.1	11.2	62.5	250	7	0	"	31
27.1	14.3	-0.2	6.2	17	971.3	–	1	0	19		33.1	16.7	11.4	64.6			0.0		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

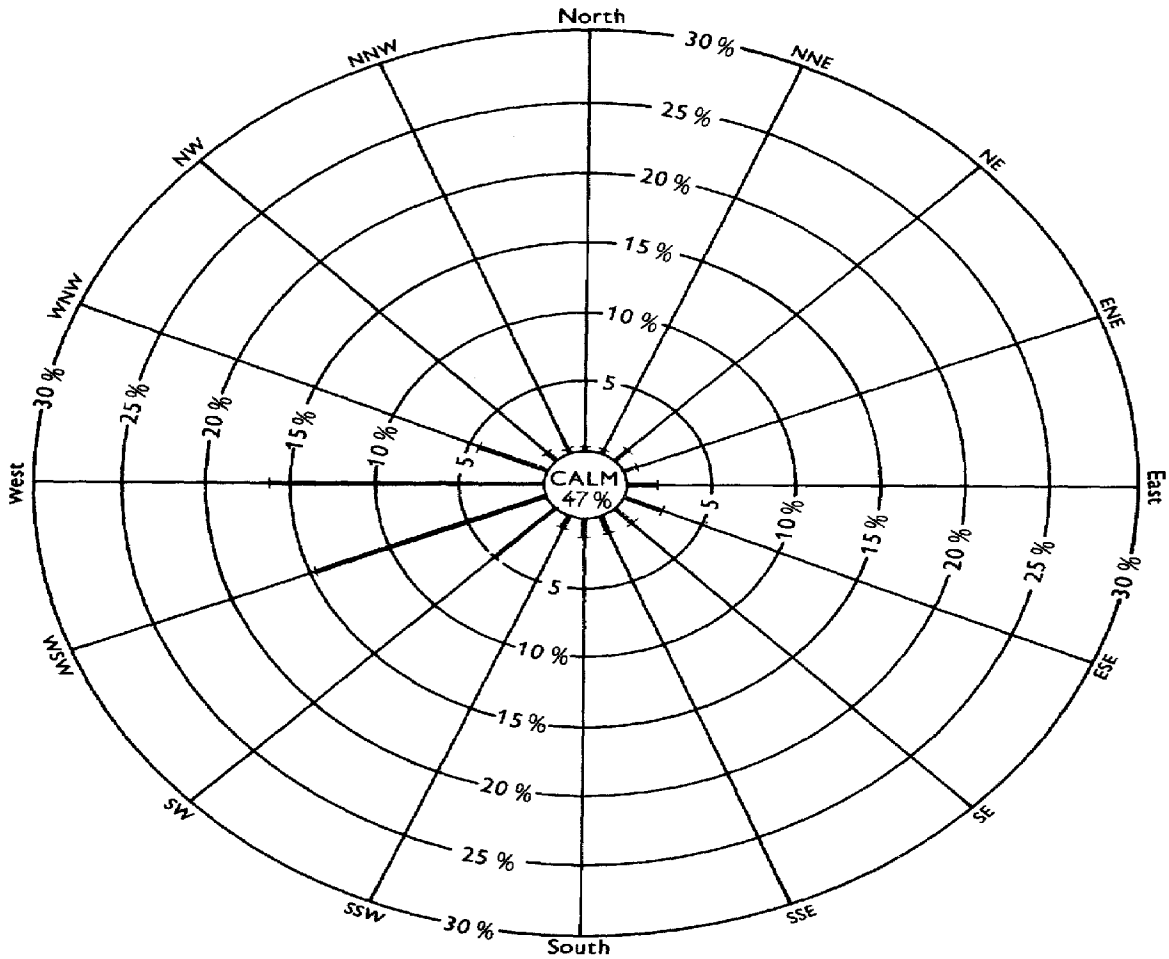
IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Met. Form 4

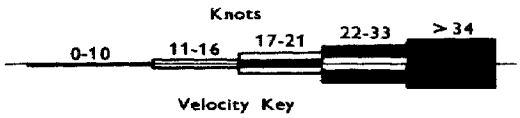
140.

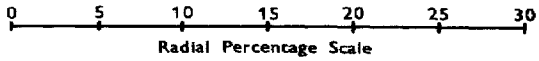
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : October	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Hours in month 744

Hours recorded 744



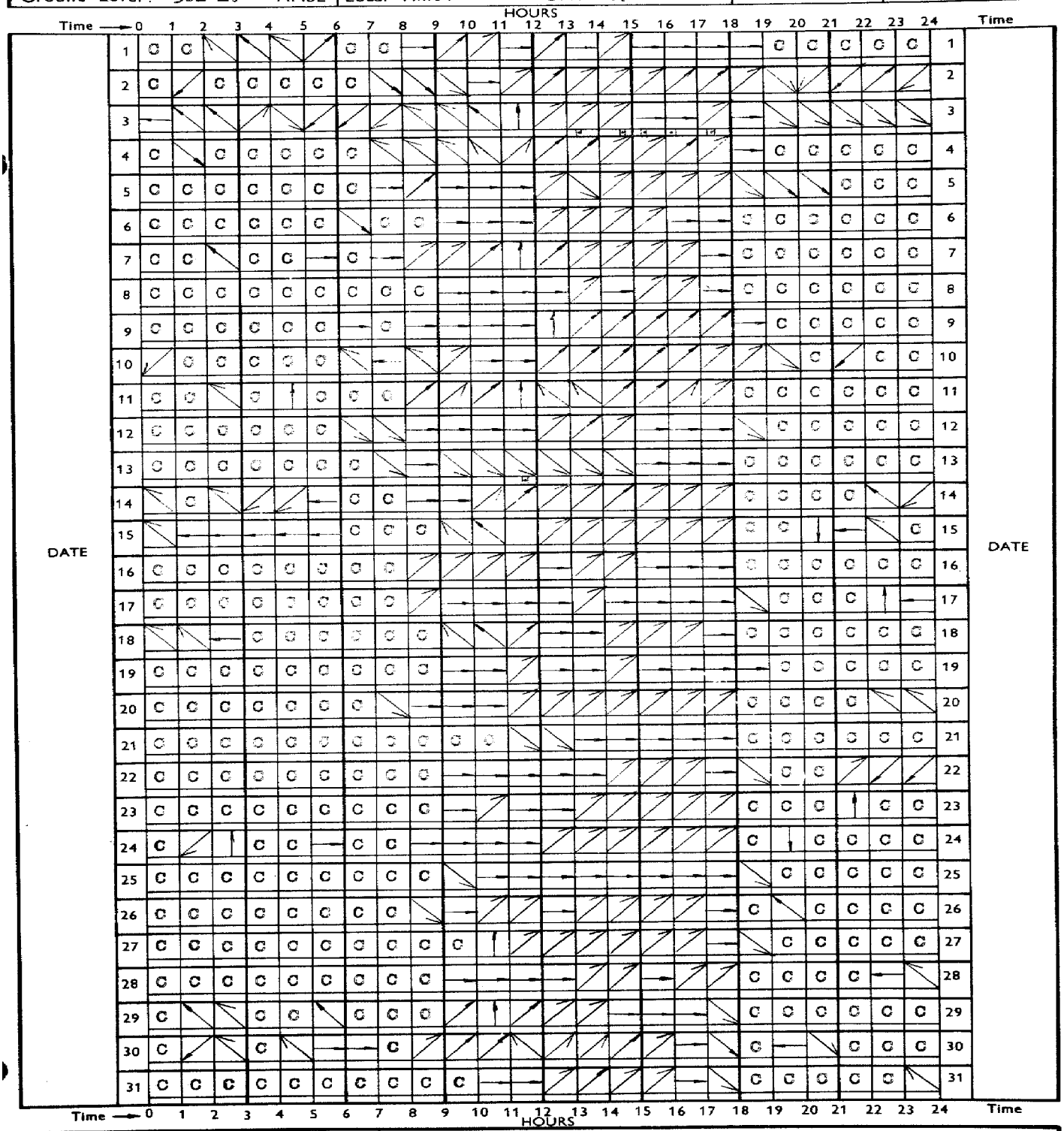


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

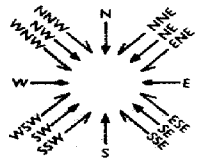
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : October	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs. NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : October Year : 1964
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Agha Jari
		Lat : 30°44' N. Long : 49°40' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	16.6	10.5	3.3	7.8	42	1007.0	–	0	0	15	32.0	16.6	1.1	6.6	14	1006.3	–	0	0	20	1
2	15.4	10.1	4.0	8.2	47	1004.4	110	2	0	30	34.3	16.7	-2.5	5.0	9	1004.6	330	5	0	40	2
3	16.8	9.4	-0.6	5.9	31	1005.8	080	6	0	40	39.9	19.1	-1.3	5.5	8	1005.6	360	9	0	40	3
4	18.0	10.3	0.6	6.4	31	1008.7	340	6	0	12	31.1	13.9	-12.2	2.1	5	1008.6	320	11	0	40	4
5	8.6	2.6	-10.4	2.6	23	1008.1	–	0	0	20	32.8	15.0	-9.2	2.8	6	1008.4	340	8	0	15	5
6	15.7	7.2	-7.2	3.4	19	1007.1	320	7	0	40	36.1	16.4	-8.9	2.9	5	1007.7	340	20	0	2	6
7	8.5	2.9	-8.3	3.1	28	1008.3	–	0	0	8	28.0	14.0	-2.9	4.8	13	1008.7	–	0	0	12	7
8	8.2	2.5	-9.4	2.8	26	1011.0	–	0	0	30	30.3	14.5	-5.4	4.0	9	1011.3	310	6	0	30	8
9	12.0	4.8	-8.9	2.9	21	1012.2	–	0	0	20	33.9	15.7	-7.3	3.3	6	1012.1	320	6	0	30	9
10	11.5	4.4	-9.9	2.7	20	1008.9	–	0	0	20	32.7	15.4	-6.2	3.7	7	1008.2	320	2	0	30	10
11	11.0	4.2	-9.2	2.8	21	1007.3	120	4	0	30	33.1	15.1	-9.4	2.8	6	1007.3	210	12	0	40	11
12	14.2	7.2	-3.6	4.6	28	1007.9	–	0	0	20	33.6	16.5	-2.2	5.1	10	1008.6	–	0	0	30	12
13	15.0	8.0	-2.2	5.1	30	1008.8	–	0	0	20	35.0	17.5	-0.1	6.0	11	1009.0	–	0	0	30	13
14	15.7	11.8	8.0	10.8	61	1011.1	140	2	0	15	31.5	20.0	12.1	14.2	31	1011.5	220	2	0	20	14
15	16.2	13.8	11.8	13.9	75	1012.7	180	4	0	15	31.4	19.6	11.3	13.4	29	1012.7	270	5	0	15	15
16	16.2	12.1	8.2	10.9	59	1014.3	–	0	0	15	32.3	19.3	9.7	12.1	25	1013.9	–	0	0	20	16
17	14.4	11.5	8.7	11.3	68	1014.1	–	0	0	20	32.9	17.5	3.2	7.7	15	1013.5	300	3	0	30	17
18	12.0	6.4	-2.2	5.1	36	1012.3	–	0	0	20	34.1	16.5	-3.3	4.7	9	1011.7	290	2	0	20	18
19	12.5	5.9	-5.0	4.1	28	1011.6	130	2	0	20	33.5	16.4	-2.6	5.0	10	1012.4	320	6	0	40	19
20	11.9	5.8	-4.3	4.3	31	1013.0	–	0	0	20	33.9	16.5	-2.8	4.9	9	1013.6	–	0	0	30	20
21	13.4	6.4	-5.1	4.0	26	1014.4	130	8	0	40	33.1	16.1	-3.3	4.7	9	1014.3	130	3	0	40	21
22	11.2	4.8	-6.7	3.5	26	1013.1	–	0	0	30	32.8	15.5	-5.8	3.8	8	1012.3	320	8	0	40	22
23	13.4	6.1	-6.6	3.6	23	1011.4	–	0	0	40	33.2	15.6	-6.1	3.7	7	1010.9	330	10	0	40	23
24	10.1	4.1	-6.8	3.5	28	1012.7	–	0	0	40	32.5	16.0	-2.5	5.0	10	1012.9	320	4	0	40	24
25	11.1	5.6	-3.2	4.7	36	1013.7	–	0	0	40	31.6	14.5	-8.4	3.0	6	1013.8	310	10	0	40	25
26	9.2	3.0	-10.0	2.6	22	1013.0	–	0	0	30	31.8	15.1	-5.7	3.8	8	1012.3	320	4	0	30	26
27	8.9	3.8	-5.6	3.9	34	1011.0	–	0	0	40	30.4	15.3	-1.7	5.3	12	1011.1	–	0	0	40	27
28	8.4	2.5	-10.1	2.6	24	1012.2	–	0	0	30	29.5	14.3	-4.7	4.2	10	1012.9	–	0	0	40	28
29	11.8	5.9	-3.4	4.6	33	1015.0	–	0	0	40	28.7	13.7	-6.1	3.7	9	1016.0	310	4	0	40	29
30	9.1	3.0	-9.5	2.7	23	1016.1	130	5	1	30	29.4	13.9	-6.7	3.5	9	1016.1	–	0	4	40	30
31	13.4	6.2	-6.0	3.8	25	1014.4	–	0	2	20	31.5	15.2	-4.4	4.3	9	1014.2	140	2	3	30	31
Av.	12.6	6.5	-3.5	5.1	33	1011.0	–	2	0	26	32.5	16.0	-3.0	5.2	11	1011.1	–	5	0	31	Av.

CODE FOR REMARKS

Clear :	Average of cloudiness = 0/8	O – cast :	Overcast. Average of cloudiness = 8/8
Fair :	Average of cloudiness = 1/8 – 2/8	Haze :	Visibility reduced by dry particles
P. Cloudy :	Partly Cloudy. Average of cloudiness = 3/8 – 5/8	Mist :	Visibility reduced by wet particles
Cloudy :	Average of cloudiness = 6/8 – 7/8	Dust :	Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Agha Jari

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long 49°40' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
32.8	16.9	0.7	6.5	13	1004.1	–	0	0	40		36.6	14.5	12.2	68.5	160	10	0	Clear	1
32.3	16.0	-2.2	5.2	11	1002.9	310	5	0	40		38.7	14.3	11.6	74.5	330	16	0	"	2
33.0	16.5	-1.1	5.6	11	1005.2	330	10	0	12		40.2	15.0	13.4	76.6	330	29	0	"	3
27.0	12.6	-8.2	3.1	9	1007.3	320	8	0	20		33.1	17.6	16.5	70.0	310	19	0	"	4
28.7	12.9	-11.7	2.3	6	1006.3	320	8	0	40		35.1	7.8	6.8	69.0	330	19	0	"	5
31.1	15.0	-4.7	4.2	9	1006.8	330	15	0	1.5		37.1	15.5	14.4	72.0	350	30	0	Haze	6
26.3	12.4	-7.3	3.3	10	1008.4	300	6	0	40		33.5	8.4	6.7	69.4	340	15	0	"	7
26.7	12.5	-8.3	3.1	9	1009.9	320	5	0	30		34.5	7.3	5.9	70.0	320	15	0	Clear	8
29.5	13.4	-10.6	2.5	6	1009.9	320	6	0	40		35.5	10.6	9.2	71.0	320	12	0	"	9
29.5	14.0	-6.2	3.6	9	1006.3	–	0	0	40		36.2	10.7	9.6	72.0	290	10	0	"	10
25.8	12.9	-3.4	4.6	14	1006.5	–	0	0	40		35.4	9.4	7.9	71.0	240	13	0	"	11
28.4	13.3	-7.8	3.2	8	1008.2	300	2	0	20		36.2	11.6	9.7	69.2	280	9	0	"	12
28.0	15.6	3.5	7.9	21	1008.2	230	3	0	40		37.0	14.2	12.1	73.1	310	12	0	"	13
28.0	18.5	11.7	13.7	42	1010.5	250	5	0	20		34.6	15.4	14.1	69.4	180	14	0	"	14
28.7	19.3	13.0	15.0	38	1011.7	250	4	0	15		33.6	15.8	14.5	68.4		11	0	"	15
29.1	15.7	2.2	7.1	18	1012.7	320	3	0	20		34.6	14.8	13.0	66.0	270	11	0	"	16
28.1	14.8	0.3	6.3	17	1011.9	320	2	0	20		35.4	13.6	12.0	59.0	320	17	0	"	17
27.8	13.3	-6.3	3.6	10	1010.7	320	12	0	40		36.9	11.5	10.2	69.0	310	16	0	"	18
27.3	13.5	-3.8	4.5	12	1011.0	330	4	0	40		35.6	11.6	9.8	69.2	320	14	0	"	19
27.3	14.0	-1.6	5.4	15	1012.9	–	0	0	30		36.0	11.2	9.4	69.3		16	0	"	20
27.0	12.5	-8.9	2.9	8	1012.7	320	5	0	40		35.8	11.6	9.9	68.5	320	16	0	"	21
24.8	11.9	-6.4	3.6	11	1010.8	310	6	0	40		34.6	10.5	8.4	69.0	310	15	0	"	22
26.4	13.0	-4.5	4.2	12	1010.3	310	3	0	40		34.6	10.4	9.1	70.1			0	"	23
24.8	12.4	-3.8	4.5	14	1012.6	300	4	0	40		34.7	9.4	7.6	70.3			0	"	24
25.4	11.8	-8.8	3.0	9	1012.9	320	5	0	40		34.2	9.0	6.6	68.7			0	"	25
25.4	12.5	-4.5	4.2	13	1010.7	300	3	0	40		33.1	8.6	7.2	68.6			0	"	26
25.2	12.2	-5.6	3.9	12	1010.4	–	0	0	40		32.2	8.1	3.3	69.2			0	"	27
23.9	11.6	-5.8	3.8	13	1012.5	320	3	1	40		31.1	7.6	6.4	67.4			0	Fair	28
22.5	10.6	-7.2	3.4	13	1015.3	320	4	0	30		30.8	8.0	6.6	67.5			0	Clear	29
24.5	13.0	-0.8	5.7	18	1013.8	–	0	5	40		31.2	8.7	6.6	66.5			0	Fair	30
24.5	15.2	6.7	9.9	32	1013.4	–	0	0	30		33.4	10.7	9.8	68.0			0	"	31
27.4	13.9	-3.3	5.2	14	1009.9	–	4	0	35		34.9	11.4	9.7	69.4			0.0		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.

Fog : Visibility ≤ 1 km.

Drizzle : Raindrop diameter ≤ 0.5 mm.

Rain : Rain not falling as showers

Snow : Snowfall

Rainsh : Rain falling as showers

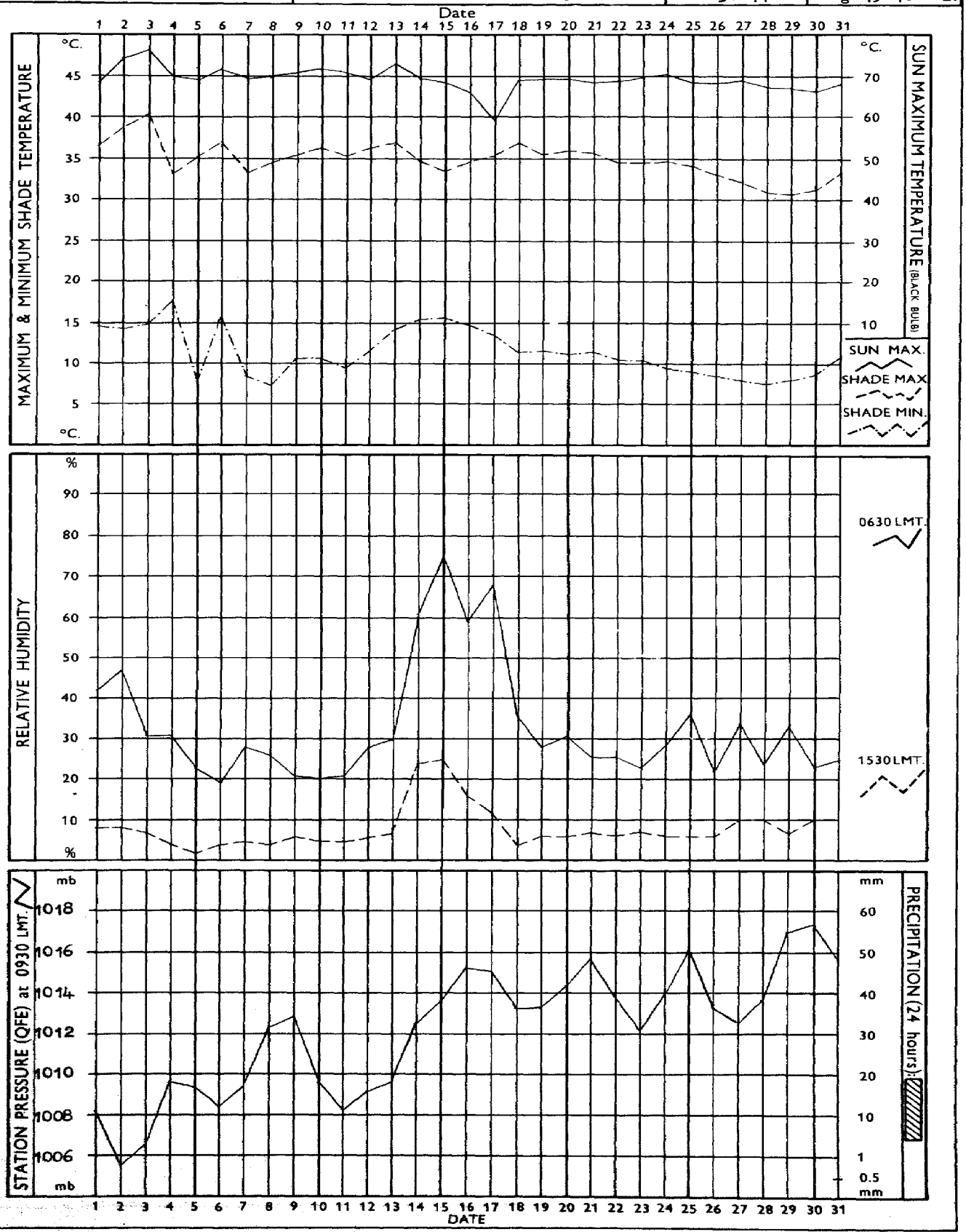
Hail : Solid precipitation

Th.storm : Thunderstorm at or near the station

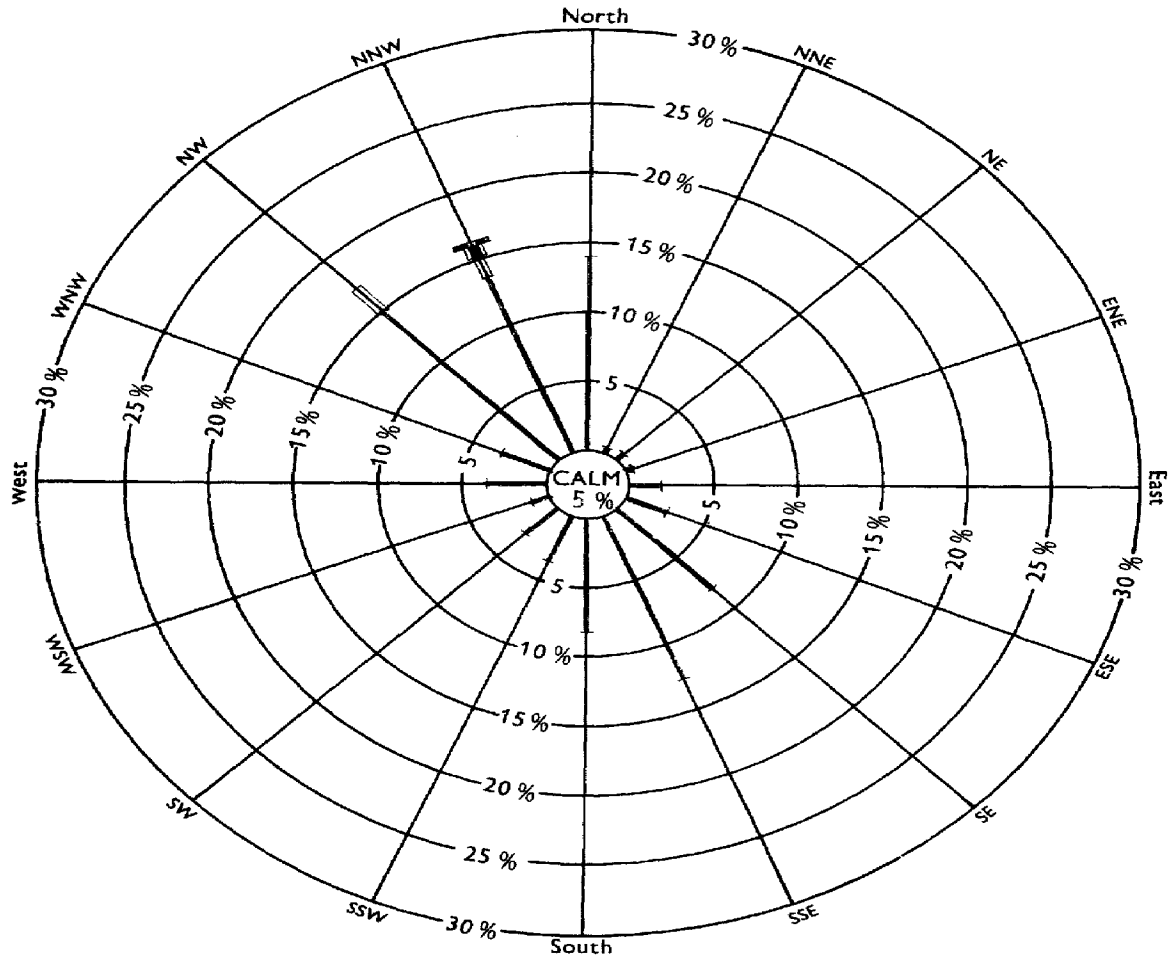
Met. Form 3b

144.

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.

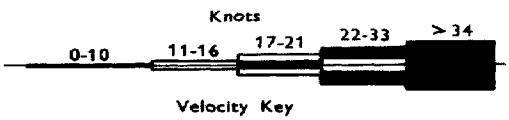


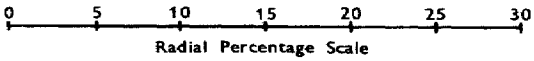
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : October	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Hours in month 744

Hours recorded 698





Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

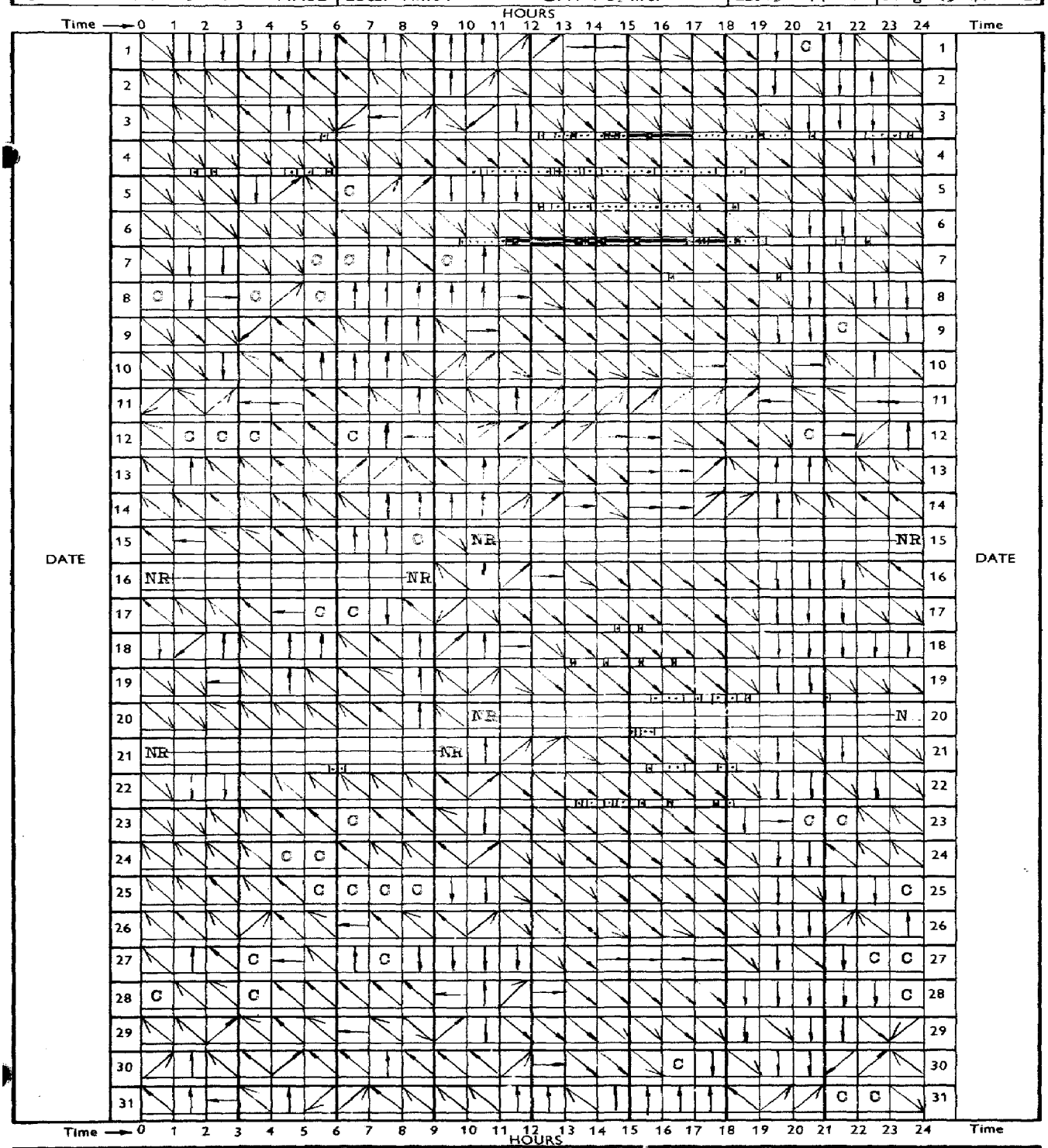
2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

Met. Form 5

146.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : October	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



VELOCITY KEY		DIRECTION KEY	Example :	
C	Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW	3 4 / 40	From 0300 to 0400 hrs. NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)
	1-10 Knots		Remarks :	
	11-16			
	17-21			
	22-33			
	> 34			
NR	No Record.			

147

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	14.1	7.4	-2.6	4.9	31	929.1	–	0	0	15	34.0	17.0	-0.7	5.8	11	928.3	250	7	0	20	1
2	12.9	7.2	-1.1	5.6	38	926.9	–	0	0	20	34.9	17.5	0.0	6.1	11	926.6	150	8	0	30	2
3	12.8	6.8	-2.2	5.1	35	928.1	–	0	0	20	33.6	17.7	2.9	7.6	15	928.6	240	11	0	30	3
4	13.4	8.6	2.5	7.4	48	929.4	–	0	0	15	29.1	18.0	9.3	11.8	29	929.4	260	9	0	15	4
5	10.7	4.0	-9.3	2.8	22	928.9	–	0	0	20	31.1	14.5	-7.4	3.3	7	928.8	260	14	0	25	5
6	12.7	5.5	-7.4	3.3	23	929.1	–	0	0	20	33.3	15.2	-9.3	2.8	5	928.5	250	20	0	20	6
7	10.1	3.9	-8.2	3.1	25	929.0	–	0	0	8	30.1	13.6	-11.1	2.4	6	929.1	–	0	0	15	7
8	11.1	5.0	-5.6	3.9	29	932.2	–	0	0	20	33.1	15.0	-10.3	2.6	5	932.4	120	8	0	20	8
9	13.4	6.5	-4.5	4.2	27	933.9	–	0	0	20	34.0	16.6	-2.4	5.0	9	933.7	–	0	0	20	9
10	13.2	5.9	-6.9	3.4	23	931.0	–	0	0	20	33.5	14.7	-14.8	1.7	3	929.7	300	10	0	20	10
11	12.8	5.4	-8.2	3.1	21	929.3	–	0	0	20	31.5	13.8	-15.2	1.6	3	929.4	180	6	0	30	11
12	11.8	5.5	-5.1	4.0	29	930.0	–	0	0	20	31.3	15.0	-5.0	4.0	9	930.4	–	0	0	20	12
13	13.0	6.8	-2.7	4.9	33	930.5	–	0	0	20	30.5	14.1	-8.8	2.9	7	931.1	150	6	0	20	13
14	13.6	9.1	3.7	8.0	51	932.8	–	0	0	14	29.6	15.1	-1.1	5.6	13	932.6	190	7	0	20	14
15	15.0	13.5	12.3	14.3	84	933.8	–	0	0	12	28.4	16.5	5.8	9.3	24	933.2	300	8	0	15	15
16	14.1	10.7	7.2	10.2	64	935.0	–	0	0	15	27.8	15.4	3.0	7.6	20	934.7	190	7	1	15	16
17	13.0	8.3	2.2	7.2	48	935.4	–	0	0	20	29.5	15.3	-0.2	6.0	14	934.8	360	7	0	20	17
18	11.7	6.1	-2.7	4.9	36	933.9	–	0	0	20	30.0	13.3	-13.8	1.9	4	933.3	250	7	0	30	18
19	11.0	4.5	-7.6	3.3	25	933.6	–	0	0	20	30.0	13.3	-13.8	1.9	4	933.6	160	4	0	30	19
20	10.1	4.0	-7.4	3.3	27	934.6	–	0	0	20	30.3	14.0	-8.4	3.0	7	935.0	–	0	0	40	20
21	10.8	4.5	-6.8	3.5	27	936.3	–	0	0	20	30.1	12.9	-19.4	1.1	3	935.4	130	6	0	40	21
22	10.0	4.1	-6.7	3.5	29	934.7	–	0	0	20	29.5	13.3	-11.5	2.3	6	933.2	–	0	0	30	22
23	10.0	3.1	-12.5	2.1	17	932.9	–	0	0	20	30.6	13.2	-18.1	1.3	3	932.2	130	7	0	30	23
24	9.3	3.3	-8.7	2.9	25	934.2	–	0	0	20	29.1	12.8	-14.6	1.7	4	934.0	–	0	0	30	24
25	9.0	2.8	-10.6	2.5	22	935.1	–	0	0	20	29.5	13.9	-6.9	3.4	8	934.5	–	0	0	25	25
26	9.0	3.0	-9.3	2.8	24	934.0	–	0	0	20	28.9	12.8	-13.4	1.9	5	932.8	160	8	0	25	26
27	8.0	2.0	-11.7	2.3	21	932.5	–	0	0	20	27.2	12.4	-10.4	2.5	7	932.1	150	5	0	40	27
28	8.2	3.0	-6.8	3.5	32	933.0	–	0	0	20	26.0	12.6	-5.6	3.9	12	933.4	–	0	0	40	28
29	9.1	3.6	-8.7	2.9	25	935.4	–	0	0	20	24.7	11.1	-11.4	2.3	7	935.8	250	4	1	40	29
30	9.4	3.2	-9.6	2.7	16	936.9	–	0	2	20	26.0	12.8	-4.4	4.2	13	936.3	170	2	3	30	30
31	9.8	4.1	-6.1	3.7	31	936.0	–	0	3	20	27.0	13.6	-2.8	4.9	14	935.6	150	5	3	20	31
Av.	11.4	5.5	-4.7	4.5	32	932.5	–	0	0	19	30.1	14.4	-7.1	3.9	9	932.2	–	6	0	26	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
27.6	15.0	1.8	7.0	19	927.2	270	6	0	20		36.1	13.6	12.9	67.2			0	Clear	1
28.4	16.0	4.1	8.2	21	926.6	270	5	0	30		36.5	12.4	11.4	67.5			0	"	2
29.4	17.0	6.2	9.5	23	927.4	300	12	0	12		35.6	11.4	10.6	65.9			0	Haze	3
25.1	11.2	-12.1	2.2	7	928.5	260	8	0	30		31.0	13.0	12.0	62.3			0	Clear	4
26.4	11.2	-18.7	1.2	3	927.9	270	17	0	20		31.5	10.0	10.0	62.5			0	"	5
26.8	11.5	-17.6	1.3	4	928.0	270	14	0	12		34.5	12.0	12.0	67.2			0	Haze	6
25.0	10.2	-25.9	0.6	1	930.0	260	8	0	15		32.6	9.3	9.0	66.5			0	"	7
28.0	12.8	-10.1	2.6	7	932.0	270	7	0	20		34.8	10.5	10.0	68.0			0	Clear	8
28.4	12.5	-14.4	1.8	4	932.2	270	8	0	20		35.0	12.6	12.0	68.5			0	"	9
27.6	12.1	-14.6	1.7	5	929.0	270	7	0	20		34.0	12.5	12.6	67.0			0	"	10
27.4	12.4	-11.1	2.4	7	929.0	250	7	0	30		32.8	11.9	11.1	67.0			0	"	11
26.8	12.5	-8.2	3.1	9	930.2	260	13	0	20		32.7	11.3	11.1	65.5			0	"	12
26.2	15.6	5.8	9.4	28	930.8	260	7	0	20		32.0	12.3	11.5	64.5			0	"	13
25.4	13.6	0.1	6.2	19	932.4	270	7	0	20		31.0	12.9	12.9	64.0			0	"	14
24.2	13.9	3.1	7.6	25	933.5	280	9	0	20		29.6	14.3	13.9	62.2			0	"	15
25.1	13.3	-0.6	5.8	18	934.4	270	8	1	20		30.3	12.7	12.4	64.9			0	Th.storm	16
26.0	12.5	-6.1	3.7	11	933.5	300	7	0	30		32.0	12.3	11.6	64.6			0	Clear	17
25.1	11.0	-13.7	1.9	6	932.3	300	8	0	20		31.5	11.4	10.8	64.5			0	"	18
25.5	11.1	-14.8	1.7	5	932.8	260	10	0	20		32.0	10.7	9.9	64.8			0	"	19
25.3	10.8	-17.7	1.3	4	934.6	260	10	0	20		32.6	9.6	9.0	64.9			0	"	20
24.1	10.9	-10.6	2.5	8	934.5	270	7	0	30		32.2	10.2	9.9	64.0			0	"	21
24.5	10.4	-17.3	1.4	4	932.4	260	12	0	20		31.4	9.1	8.5	64.0			0	"	22
22.8	11.4	-4.0	4.4	16	932.1	280	5	0	30		31.6	9.2	8.6	64.2			0	"	23
23.9	10.6	-12.2	2.2	7	934.4	270	6	0	30		31.3	8.9	8.5	63.8			0	"	24
23.4	10.4	-11.8	2.2	8	934.2	260	8	0	30		30.9	8.9	8.0	64.0			0	"	25
21.7	10.7	-4.8	4.1	16	932.4	290	4	0	20		30.0	8.4	7.6	62.0			0	"	26
21.4	10.3	-6.2	3.6	14	931.8	290	5	0	30		28.2	7.5	7.1	61.2			0	"	27
19.9	8.8	-10.9	2.4	10	933.8	280	8	0	40		26.9	7.3	6.8	60.0			0	"	28
19.4	8.4	-11.7	2.3	10	935.7	280	6	0	30		25.8	7.9	7.9	59.0			0	"	29
21.0	11.3	-1.0	5.6	23	935.1	-	0	4	30		27.9	8.1	7.6	59.9			0	P.Cloudy	30
21.4	11.7	-0.1	6.0	24	934.8	-	0	0	20		28.0	8.6	8.0	63.0			0	"	31
24.9	12.0	-8.2	3.7	12	931.7	-	8	0	24		31.7	10.7	10.2	64.3			0.0		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.

Fog : Visibility ≤ 1 km.

Drizzle : Raindrop diameter ≤ 0.5 mm.

Rain : Rain not falling as showers

Snow : Snowfall

Rainsh : Rain falling as showers

Hail : Solid precipitation

Th.storm : Thunderstorm at or near the station

Met. Form 3b

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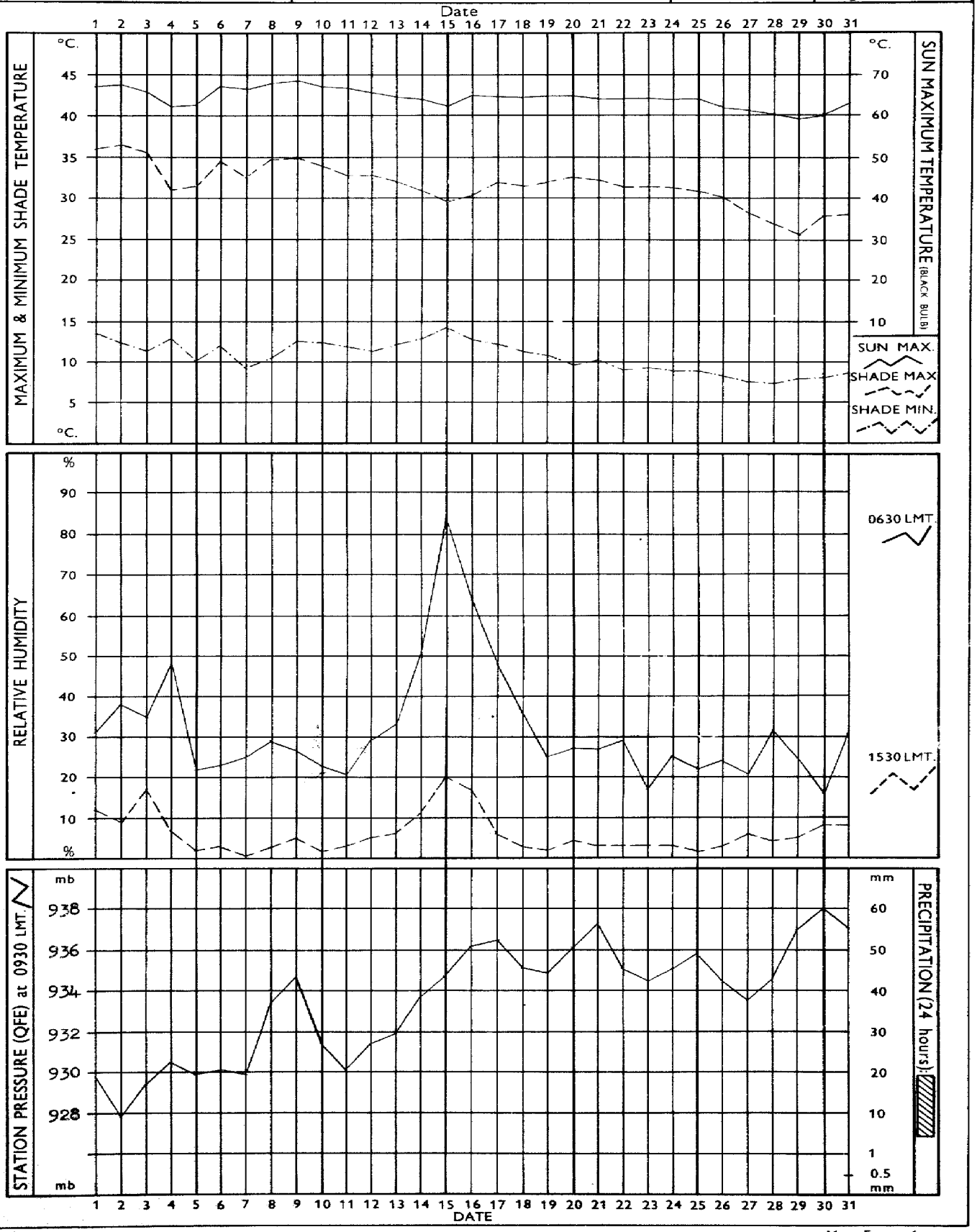
IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Gach Saran	
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°20' N.	Long : 50°50' E.



IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	16.3	12.2	8.3	11.0	60	1006.5	260	6	0	15	32.2	17.2	3.1	7.6	16	1006.2	–	0	0	20	1
2	15.1	10.9	6.4	9.7	57	1004.0	–	0	0	15	36.4	18.8	3.1	7.6	13	1004.4	–	0	0	15	2
3	21.0	14.8	9.6	11.9	47	1005.3	300	5	0	20	36.7	19.2	4.2	8.3	13	1006.3	300	18	0	8	3
4	15.0	10.5	5.5	9.1	53	1008.6	270	2	0	12	28.5	14.4	-2.2	5.2	13	1008.8	300	15	0	5	4
5	14.2	9.6	4.2	8.3	51	1007.8	–	0	0	20	31.6	14.8	-7.1	3.4	7	1008.5	300	14	0	20	5
6	17.4	9.7	-0.4	5.9	30	1007.8	300	6	0	15	34.0	17.9	3.2	7.7	15	1008.3	310	14	0	15	6
7	10.7	5.4	-3.2	4.7	37	1007.6	300	12	0	20	28.7	14.6	-1.6	5.4	14	1008.4	300	10	0	20	7
8	11.2	7.8	3.6	7.9	60	1010.9	300	4	0	20	30.4	16.7	3.9	8.1	19	1011.3	300	5	0	15	8
9	11.7	7.4	1.7	7.0	50	1011.4	300	8	0	20	32.0	18.4	7.3	10.3	22	1012.2	300	4	0	10	9
10	11.2	6.5	-0.4	5.9	45	1008.6	300	6	0	20	32.0	17.2	3.3	7.9	16	1007.9	300	4	0	15	10
11	12.2	9.0	5.3	9.0	63	1006.3	–	0	0	20	31.6	17.1	3.6	7.9	17	1007.3	–	0	0	10	11
12	12.8	7.4	-0.3	6.0	41	1007.6	–	0	0	20	33.3	18.2	5.0	8.8	17	1008.6	–	0	0	25	12
13	15.7	9.7	2.3	7.2	40	1008.8	–	0	0	20	35.2	18.7	4.4	8.4	15	1009.0	300	7	0	25	13
14	16.2	14.2	12.5	14.6	79	1010.7	120	10	0	15	33.2	22.2	15.8	18.0	36	1010.9	–	0	0	25	14
15	17.6	16.6	16.0	18.2	91	1012.4	120	4	0	10	31.2	24.7	21.1	25.9	57	1012.4	–	0	0	20	15
16	17.6	14.7	12.4	14.4	71	1013.5	–	0	0	25	31.8	20.2	12.3	14.4	31	1013.8	–	0	0	20	16
17	15.3	11.8	8.3	11.0	63	1013.9	110	4	0	15	32.5	21.0	13.6	15.8	32	1013.8	–	0	0	25	17
18	15.4	12.1	8.9	11.5	66	1012.0	–	0	0	20	33.0	21.7	15.0	17.0	34	1011.8	–	0	0	15	18
19	13.3	8.8	3.3	7.8	57	1011.8	–	0	0	20	31.3	17.8	6.3	9.6	21	1012.5	–	0	0	20	19
20	15.0	10.7	6.1	9.4	56	1012.6	270	4	0	20	31.4	18.1	7.2	10.1	22	1013.7	300	3	0	25	20
21	12.6	7.8	1.3	6.7	47	1014.1	100	4	0	20	32.1	18.7	8.1	10.8	23	1014.2	–	0	0	25	21
22	16.8	12.5	8.5	11.1	59	1012.8	–	0	0	20	31.8	15.2	-5.1	4.0	9	1012.2	260	5	0	30	22
23	14.6	10.9	7.1	10.2	61	1011.4	–	0	0	20	31.2	16.4	1.7	6.9	15	1011.4	270	10	0	20	23
24	15.2	10.7	5.9	9.3	54	1012.8	–	0	0	20	30.3	17.7	7.2	10.3	25	1013.4	–	0	0	25	24
25	14.0	10.1	5.7	9.2	57	1013.8	–	0	0	20	30.4	16.2	1.9	7.0	16	1014.3	–	0	0	25	25
26	12.7	8.3	2.8	7.6	51	1012.8	–	0	0	25	30.4	15.4	-1.4	5.6	13	1012.3	290	5	0	35	26
27	11.5	7.7	2.8	7.5	56	1010.9	–	0	0	20	28.5	16.0	4.2	8.3	22	1011.5	–	0	0	30	27
28	12.4	6.7	-1.7	5.3	37	1011.7	160	5	0	30	27.7	16.0	5.2	8.9	24	1013.3	–	0	0	30	28
29	11.9	7.4	1.2	6.7	48	1014.9	–	0	0	20	27.7	16.8	7.6	10.5	28	1016.5	–	0	0	30	29
30	12.3	8.0	2.5	7.4	52	1016.2	–	0	1	15	30.0	19.2	11.6	13.6	33	1015.7	–	0	3	25	30
31	12.4	10.0	7.5	10.4	72	1014.4	–	0	2	15	30.2	18.5	9.6	12.0	28	1014.0	080	4	2	30	31
Av.	14.2	10.0	5.0	9.1	55	1010.8	–	3	0	19	31.5	17.9	5.5	9.9	22	1011.1	–	4	0	21	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

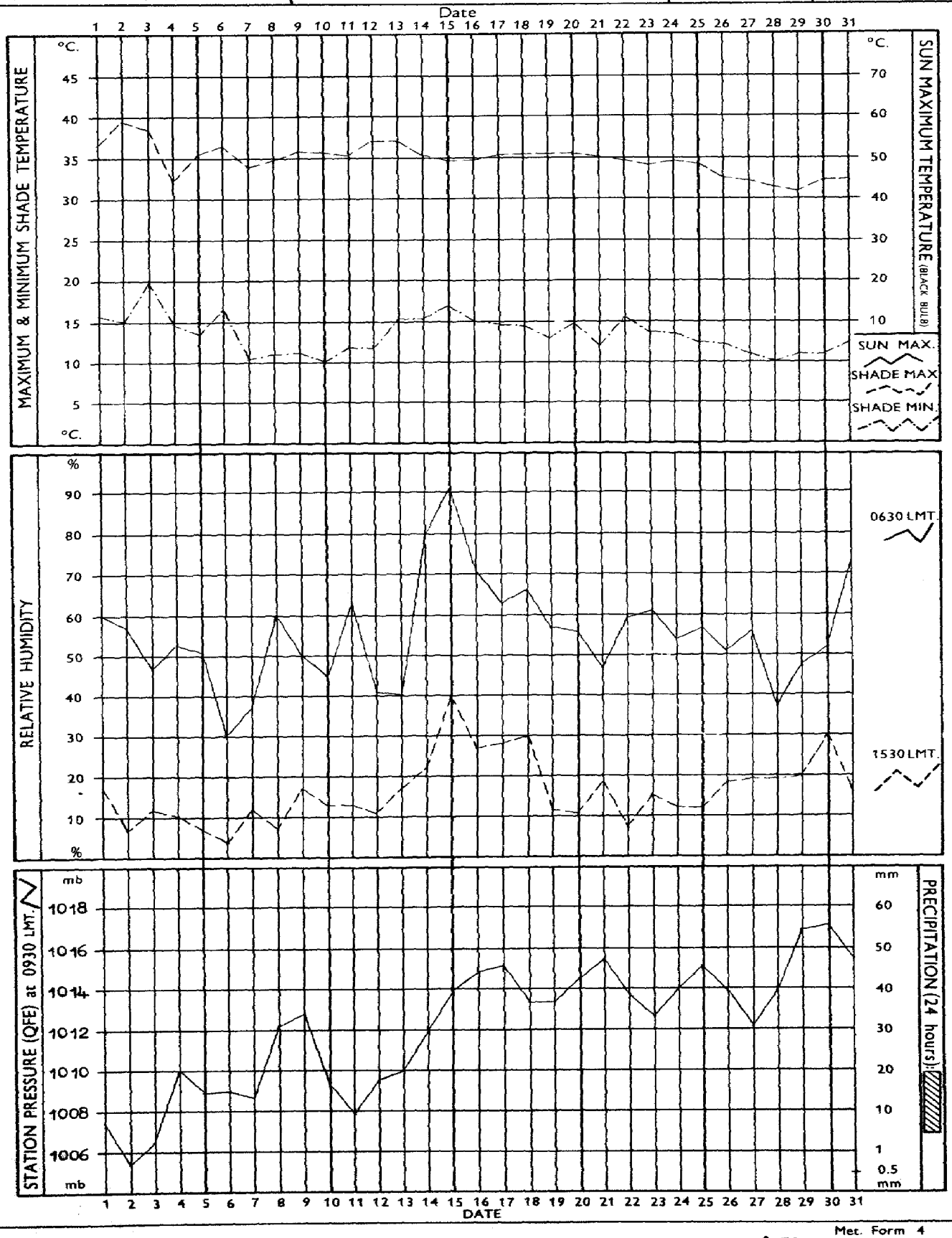
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
32.7	17.4	3.1	7.6	15	1004.0	–	0	0	25		36.5	15.7	14.3				0	Haze	1
32.4	16.2	-1.4	5.5	11	1003.0	300	6	0	20		39.4	15.0	12.2				0	Clear	2
30.8	17.8	7.1	10.1	23	1005.9	300	15	0	12		38.5	19.8	18.2				0	Haze	3
26.8	14.0	-0.8	5.7	16	1007.5	300	12	0	10		32.2	14.8	11.1				0	"	4
29.0	13.8	-6.3	3.6	9	1006.5	300	10	0	25		35.2	13.5	11.2				0	"	5
28.6	13.8	-5.4	3.9	10	1007.2	300	18	0	5		36.4	16.5	14.5				0	"	6
28.3	15.8	3.6	7.9	21	1008.2	300	12	0	20		33.9	10.4	8.6				0	Clear	7
28.2	15.2	1.7	6.9	18	1009.9	300	8	0	15		34.8	11.0	8.0				0	"	8
28.5	14.7	-0.9	5.7	15	1009.7	290	8	0	15		35.7	11.2	9.2				0	Haze	9
29.2	17.6	8.2	10.9	27	1006.1	–	0	0	30		35.8	10.0	9.0				0	Clear	10
29.7	17.9	8.3	11.0	26	1005.9	–	0	0	20		35.3	11.7	9.2				0	Haze	11
29.9	17.8	8.0	10.7	26	1007.9	–	0	0	20		37.0	11.7	10.0				0	Clear	12
30.7	18.4	8.7	11.3	26	1007.8	300	10	0	15		37.0	15.2	13.2				0	"	13
28.3	17.3	8.3	11.0	29	1009.9	–	0	0	25		35.3	15.3	13.8				0	"	14
30.7	21.9	16.9	19.3	44	1011.2	–	0	0	15		34.8	16.9	17.0				0	Mist	15
28.4	18.6	11.4	13.6	35	1012.4	300	10	0	20		34.8	15.0	15.6				0	Clear	16
29.3	19.4	12.6	14.6	36	1011.9	280	11	0	20		35.2	14.8	13.0				0	"	17
28.0	16.8	7.2	10.2	27	1010.7	300	12	0	30		35.4	14.4	11.7				0	"	18
28.3	16.1	4.7	8.5	22	1011.1	290	10	0	20		35.4	13.0	11.2				0	"	19
29.6	16.1	4.3	8.3	21	1012.4	300	10	0	30		35.6	14.7	12.2				0	"	20
27.7	16.5	6.7	9.9	26	1012.8	300	10	0	20		35.0	12.0	11.0				0	"	21
26.7	13.7	-1.7	5.3	15	1010.8	300	7	0	25		34.6	15.4	10.7				0	"	22
28.3	17.2	8.1	10.7	28	1010.1	–	0	0	20		34.2	13.7	11.1				0	"	23
27.0	15.5	4.5	8.4	24	1012.4	300	5	0	20		34.5	13.6	12.0				0	"	24
25.0	13.7	1.1	6.8	22	1012.8	300	8	0	20		34.2	12.4	12.0				0	"	25
24.2	13.7	2.3	7.4	24	1010.5	280	7	0	30		32.5	12.2	9.1				0	"	26
24.8	14.1	2.8	7.5	24	1010.2	040	7	0	25		32.2	11.1	8.8				0	"	27
24.2	14.2	4.1	8.3	28	1012.8	300	9	0	20		31.5	10.0	9.1				0	"	28
24.4	15.3	7.1	10.1	33	1015.1	320	8	0	25		31.1	11.1	8.5				0	"	29
24.2	15.4	7.7	10.5	35	1014.2	360	10	6	20		32.3	10.9	9.0				0	P.Cloudy	30
25.3	14.7	4.2	8.3	26	1013.0	–	0	0	30		32.4	12.2	9.9				0	Fair	31
28.0	16.1	4.7	9.0	24	1009.8	–	7	0	21		34.8	13.4	11.4				0.0		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Ahwaz	
Ground Level : 21 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°20' N.	Long : 48°45' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°13' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	20.8	13.8	7.3	10.2	42	1009.6	300	12	0	15	33.0	18.1	5.1	8.8	18	1008.9	300	20	0	2	1
2	17.5*		7.2*	10.2*	51*	1006.5*					34.4*		1.0*	6.5*	12*	1007.0*					2
3	22.0	15.2	9.4	11.9	45	1007.4	300	5	0	15	36.1	19.8	7.1	10.0	17	1009.3	310	15	0	6	3
4	17.5	10.8	2.8	7.5	38	1011.3	280	6	0	12	28.2	14.2	-2.3	5.0	13	1012.0	300	10	0	6	4
5	16.8	10.4	2.8	7.5	39	1010.4	300	8	0	15	32.0	16.1	-1.2	5.5	12	1011.1	300	10	0	20	5
6	20.4	11.4	0.4	6.3	26	1010.2	340	14	0	12	34.0	17.4	1.1	6.6	12	1011.1	300	18	0	1.2	6
7	14.5	9.4	3.2	7.7	47	1010.7	300	8	0	20	29.1	14.1	-4.7	4.1	11	1011.7	300	15	0	7	7
8	14.8	9.6	3.4	7.8	47	1013.6	–	0	0	20	31.0	15.8	-0.7	5.8	13	1013.7	200	12	0	20	8
9	13.7*		4.5*	8.4*	54*	1014.4*					31.6*		1.7*	6.9*	15*	1014.7*					9
10	13.8	7.8	-0.7	5.7	36	1011.4	300	3	0	20	31.8	16.7	1.7	6.9	15	1010.1	300	7	0	15	10
11	19.2	11.3	2.1	7.1	32	1009.2	300	10	0	10	31.4	16.7	2.4	7.3	16	1009.6	310	16	0	0.8	11
12	14.4	10.8	7.1	10.1	60	1009.9	–	0	0	8	32.4	19.8	10.8	12.9	27	1010.9	–	0	0	12	12
13	15.7	11.8	7.7	10.7	60	1010.6	–	0	0	15	34.2	19.5	8.2	10.9	20	1011.4	–	0	0	20	13
14	15.8	11.9	8.2	10.8	60	1012.7	–	0	0	15	33.2	18.7	6.9	10.0	20	1013.4	220	8	0	20	14
15	16.0	14.4	13.2	15.1	83	1014.0	–	0	2	8	32.6	20.0	11.2	13.3	27	1014.4	–	0	0	20	15
16	16.5*		12.0*	14.0*	75*	1015.3*			0		33.5*		7.4*	10.3*	20*	1015.9*			0		16
17	13.6	10.5	7.3	10.2	66	1016.0	–	0	0	20	32.7	18.2	5.9	9.3	19	1015.9	–	0	0	20	17
18	14.5	9.8	4.3	8.3	50	1014.3	–	0	0	20	33.0	17.4	2.8	7.4	15	1014.2	300	11	0	20	18
19	17.4	9.2	-2.2	5.1	26	1013.6	290	7	0	20	32.8	17.2	2.2	7.1	14	1014.8	300	10	0	25	19
20	15.6	10.4	4.5	8.4	47	1015.0	300	6	0	20	33.4	17.8	3.5	7.9	15	1016.1	300	8	0	30	20
21	13.5	9.2	4.2	8.2	53	1016.4	–	0	0	15	31.8	17.6	5.1	8.7	19	1016.8	300	10	0	20	21
22	13.3	9.2	4.4	8.4	55	1015.3	–	0	0	20	32.2	17.0	2.2	7.2	15	1014.9	270	5	0	20	22
23	12.2*		4.4*	8.4*	59*	1013.0*			1		29.4*		6.7*	9.8*	24*	1013.8*			0		23
24	12.0	8.8	5.0	8.7	63	1014.9	–	0	0	15	30.8	17.2	5.0	8.7	20	1015.9	–	0	0	20	24
25	11.5	9.0	6.2	9.5	70	1016.5	–	0	0	15	32.0	16.1	-1.2	5.5	12	1016.6	–	0	0	20	25
26	11.7*		6.6*	9.7*	71*	1015.2*			0										0		26
27	10.8	8.5	5.8	9.2	71	1013.4	–	0	0	15	29.0	17.0	6.6	9.8	24	1013.4	–	0	0	20	27
28	12.0	9.0	5.6	9.1	65	1013.7	–	0	0	12	29.5	16.8	5.3	9.0	22	1015.3	–	0	0	15	28
29	11.2	8.8	6.1	9.4	71	1017.2	–	0	0	10	29.9	16.8	4.8	8.6	20	1018.5	–	0	0	20	29
30	15.1		4.7	8.6	50	1018.8			6		27.1		11.2	13.3	37	1018.0	130	8	7		30
31	12.6	11.8	11.0	13.2	90	1016.2	–	0	1	8	30.3	17.7	7.2	10.2	24	1015.9	270	10	0	20	31
Av.	15.0	10.5	5.4	9.2	55	1013.1	–	3	0	15	31.7	17.3	4.2	8.4	18	1013.5	–	7	0	16	Av.

* Data obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°13' E.

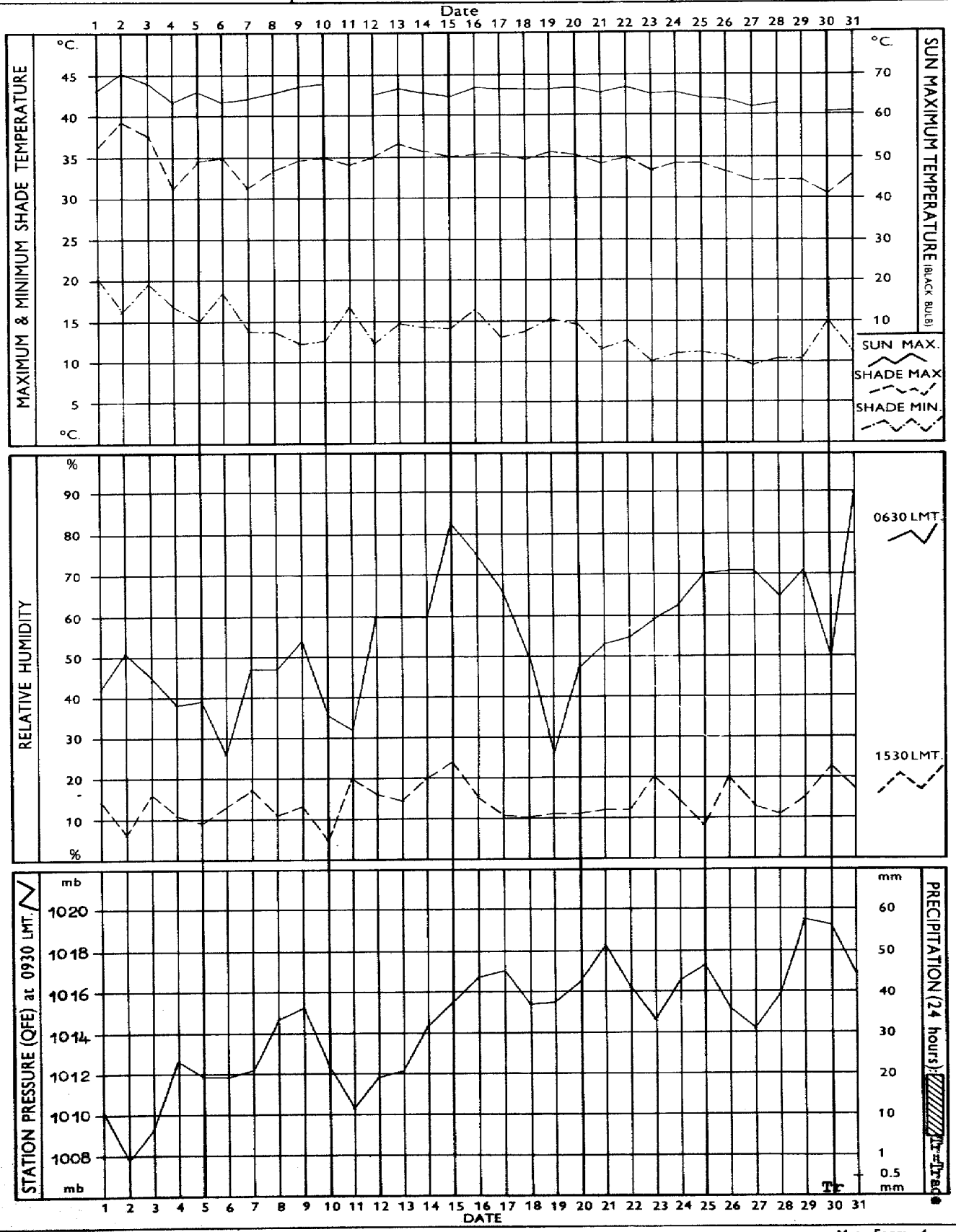
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
32.1	17.8	5.4	8.9	19	1007.8	300	8	0	8		36.3	20.1		66.1			0	Sandst.	1
32.8	18.3	6.1	9.4	19	1005.6	300	2	0	25		39.3	16.2		70.2			0	Clear	2
31.0	18.7	9.3	11.8	26	1008.6	300	12	0	12		37.6	19.5		67.8			0	Haze	3
26.6	14.8	2.7	7.4	21	1010.6	300	10	0	10		31.2	16.9		63.4			0	"	4
29.6	16.1	2.8	7.5	18	1009.6	300	7	0	25		34.6	15.0		65.6			0	Clear	5
29.6	15.3	-0.4	5.9	14	1010.0	320	14	0	1.5		35.0	18.4		63.3			0	Sandst.	6
27.2	15.2	3.2	7.7	21	1011.0	300	7	0	20		31.2	13.8		63.9			0	Haze	7
28.4	15.8	3.4	7.8	20	1012.6	300	8	0	15		33.4	13.7		65.6			0	"	8
28.8	16.6	5.7	9.2	23	1012.6	300	8	0	20		34.6	12.3		67.2			0	Clear	9
26.7	17.2	9.8	12.1	35	1008.8	–	0	0	20		35.0	12.6		67.8			0	"	10
28.5	17.1	7.6	10.4	27	1008.5	300	4	0	6		34.6	16.7					0	Sandst.	11
29.1	17.0	6.4	9.6	23	1009.9	–	0	0	20		35.6	12.2		65.1			0	Haze	12
30.1	18.3	9.2	11.6	27	1010.3	–	0	0	20		36.6	14.8		66.7			0	Clear	13
28.9	18.6	11.1	13.2	33	1012.3	–	0	0	20		35.8	14.2		65.6			0	"	14
29.2	18.6	10.8	12.9	32	1013.4	–	0	1	20		35.0	14.3		64.5			0	Mist	15
30.0	16.1	2.2	7.2	17	1014.7	–	0	0	15		35.2	16.4		66.7			0	Clear	16
29.4	17.6	8.0	10.7	26	1014.2	–	0	0	20		35.5	13.1		66.6			0	"	17
28.6	15.2	1.1	6.6	17	1013.4	300	8	0	20		34.8	13.7		66.5			0	"	18
29.2	16.4	4.4	8.4	21	1013.7	300	5	0	25		35.6	15.3		66.6			0	"	19
28.6	15.5	2.2	7.2	18	1015.3	300	8	0	30		35.2	14.6		66.9			0	"	20
28.0	16.3	5.7	9.1	24	1015.5	300	5	0	25		34.2	11.5		65.7			0	"	21
26.6	16.7	8.4	10.0	31	1013.1	–	0	0	20		35.0	12.5		66.9			0	"	22
25.0	16.0	8.3	11.0	35	1012.6	–	0	0	20		33.4	10.0		65.3			0	"	23
25.8	16.2	8.0	10.7	32	1015.1	–	0	0	20		34.2	10.9		65.6			0	"	24
27.8	15.1	1.8	7.0	19	1015.3	–	0	0	30		34.3	11.2		64.1			0	"	25
25.1	15.4	6.6	9.7	31	1013.2	–	0	0	20		33.3	10.8		63.7			0	"	26
23.2	14.5	6.3	9.5	34	1012.5	–	0	0	40		32.2	9.5		61.8			0	Mist	27
24.7	13.0	-1.1	5.6	18	1014.8	–	0	0	20		32.2	10.2		62.8			0	"	28
23.6	12.6	-0.6	5.8	20	1017.2	–	0	0	20		32.2	10.3					0	"	29
24.6	13.5	1.1	6.6	21	1015.8	–	0	4	12		30.6	15.0		60.6			Tr.	Rainsh.	30
23.8	16.0	9.6	12.0	41	1014.9	–	0	0	20		32.7	11.4		61.1			0	Mist	31
27.8	16.2	5.3	9.1	25	1012.8	–	3	0	19		34.4	13.8		65.3			Tr		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Abadan	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°22' N.	Long : 48°13' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Bandar Mashur

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30° 30' N. | Long : 49° 12' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	20.2	14.0	8.2	10.9	47	1008.9	310	8	0	15	31.0	18.1	7.6	10.4	23	1008.3	270	4	0	20	1
2	17.3	12.5	7.9	10.7	54	1006.4	330	3	0	15	33.2	19.2	8.4	11.1	23	1006.2	290	3	0	20	2
3	23.0	14.7	7.1	10.1	36	1007.3	340	5	0	20	34.3	21.4	13.2	15.2	29	1007.7	180	4	0	20	3
4	17.5	11.5	5.0	8.7	44	1010.8	340	3	0	15	30.5	14.8	-4.4	4.2	10	1010.8	320	13	0	5	4
5	15.7	9.4	1.4	6.7	37	1009.6	340	5	0	15	32.5	16.0	-2.4	5.0	10	1010.1	330	12	0	20	5
6	17.1	10.1	1.4	6.7	35	1009.2	350	5	0	15	34.0	17.4	0.8	6.5	12	1009.7	340	13	0	2	6
7	14.2	9.2	3.4	7.6	48	1009.7	350	7	0	20	30.6	15.7	-0.4	5.9	13	1010.3	310	12	0	3	7
8	14.5	9.5	3.4	7.9	48	1012.9	330	7	0	10	29.1	15.9	2.7	7.5	19	1013.1	300	5	0	25	8
9	14.2	9.8	4.7	8.6	53	1013.7	340	6	0	20	30.7	17.0	4.4	8.4	19	1013.8	310	4	0	25	9
10	13.8	10.0	5.8	9.2	58	1010.8	310	6	0	20	29.5	17.5	7.6	10.4	25	1010.1	270	4	0	25	10
11	14.6	11.2	7.8	10.6	64	1008.5	290	3	0	15	25.4	17.4	11.3	13.4	42	1009.3	180	3	0	20	11
12	17.8	16.0	14.8	16.8	83	1009.2	–	0	0	15	30.6	14.7	-4.9	4.1	9	1010.6	180	2	0	15	12
13	18.9	12.5	6.1	9.4	43	1010.1	360	3	0	15	30.7	17.8	7.1	10.1	23	1011.1	180	3	0	20	13
14	21.0	19.5	18.9	21.3	86	1011.7	140	6	0	15	30.0	22.3	18.0	20.6	49	1013.2	190	7	0	15	14
15	22.4	20.7	19.8	23.1	85	1014.1	–	0	0	6	28.0	24.6	23.1	28.3	75	1015.0	210	5	0	15	15
16	20.5	19.3	18.4	21.2	89	1015.6	–	0	0	8	30.6	21.0	15.1	17.2	40	1015.8	210	4	0	20	16
17	18.6	13.2	8.2	10.9	51	1015.7	–	0	0	20	31.2	19.2	10.4	12.7	28	1015.7	270	3	0	20	17
18	18.4	12.5	6.6	9.8	46	1013.8	340	5	0	20	32.0	17.8	5.4	9.0	19	1013.8	160	3	0	20	18
19	15.7	12.8	10.2	12.5	71	1013.5	–	0	0	20	30.0	18.0	8.4	11.1	26	1014.3	220	3	0	20	19
20	17.4	12.5	7.8	10.5	53	1014.5	310	3	0	25	31.6	17.2	4.0	8.2	17	1015.7	200	7	0	25	20
21	16.4	13.0	10.0	12.3	66	1015.9	–	0	0	20	29.0	18.2	10.0	12.3	31	1016.3	240	5	0	25	21
22	16.2	11.2	6.0	9.4	50	1014.8	310	4	0	20	29.0	18.6	11.0	13.0	37	1014.4	270	7	0	30	22
23	15.6	11.0	6.1	9.4	53	1013.3	–	0	0	15	30.1*		12.1*	14.1*	33*	1013.4*	250*	4*			23
24	15.3	12.2	9.3	11.8	68	1014.5	300	3	0	15	28.9	19.4	12.9	14.9	37	1015.1	250	5	0	25	24
25	16.2	14.2	12.6	14.6	79	1015.7	330	3	0	25	31.4	16.4	1.1	6.7	15	1015.9	330	2	0	25	25
26	17.4	10.4	1.8	7.0	35	1013.5	360	4	0	30	30.2	16.2	2.3	7.2	17	1014.2	310	2	0	30	26
27	16.3	11.5	6.6	9.7	52	1012.9	300	2	0	30	29.0	16.0	3.4	7.7	19	1013.0	–	0	0	30	27
28	17.6	14.3	11.5	13.6	68	1013.6	140	2	0	30	26.2	18.0	12.0	14.0	41	1015.0	310	2	0	30	28
29	14.2	11.6	9.2	11.6	72	1016.4	–	0	0	20	28.2	15.0	0.7	6.4	17	1018.0	310	2	0	20	[illegible]
30	14.4	9.0	2.2	7.2	44	1018.0	–	0	1	20	29.0	15.9	3.0	7.6	19	1017.7	–	0	5	25	30
31	15.3	11.6	8.0	10.7	62	1016.1	140	2	3	25	30.6	17.0	4.6	8.5	19	1016.1	130	2	[illegible]	30	31
Av.	17.0	12.6	8.1	11.3	57	1012.6	–	3	0	19	30.2	17.8	6.7	10.7	26	1013.0	–	5	0	21	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy : Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: October Year: 1964

Station: Bandar Mashur

Ground Level: 3 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 30°30' N. | Long: 49°12' E.

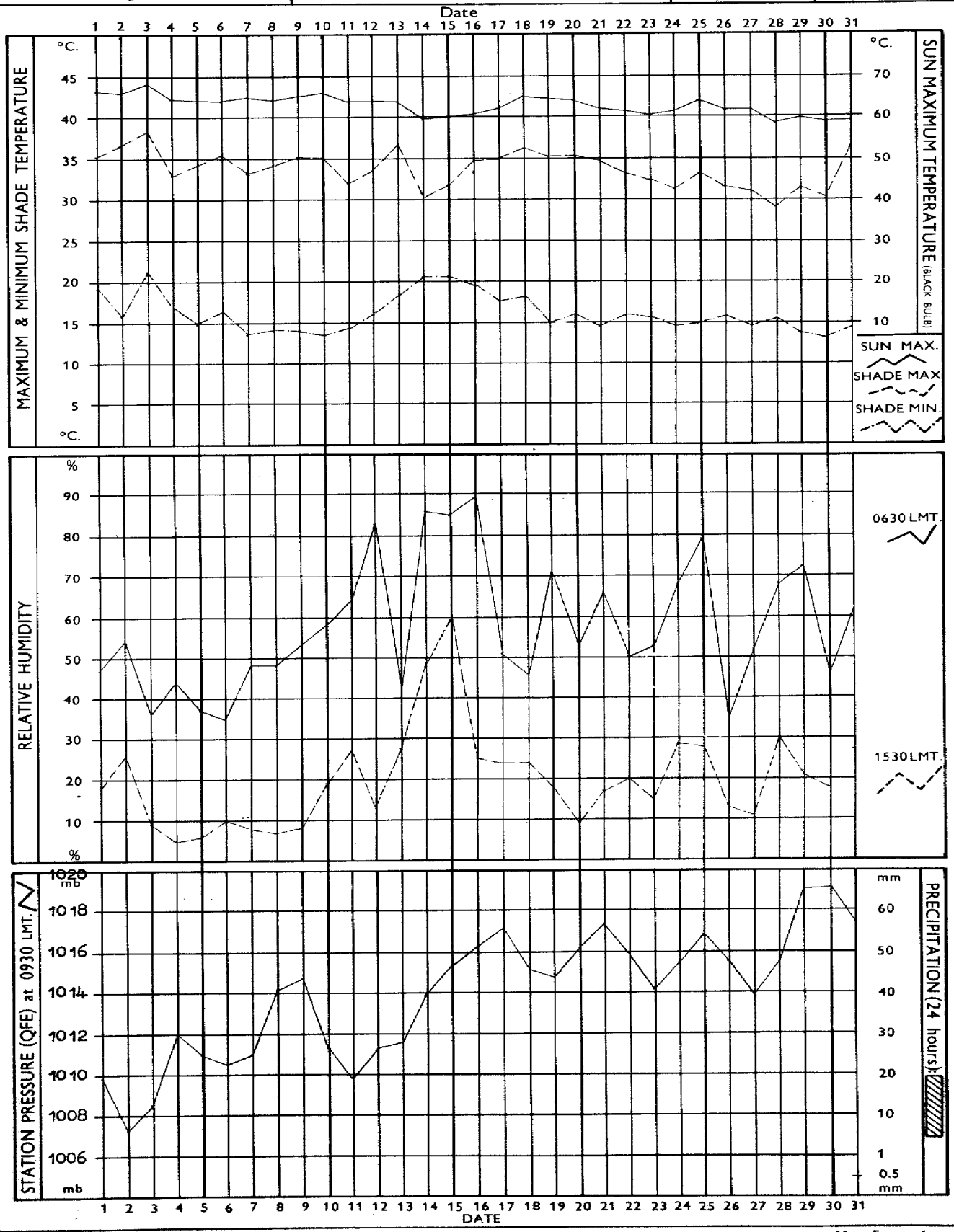
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
31.6	18.0	6.5	9.7	22	1005.6	310	3	0	15		35.2	19.3		66.2	270	9	0	Clear	1
34.4	17.0	-1.6	5.4	10	1005.1	030	4	0	15		36.7	15.8		66.0	320	7	0	"	2
32.1	17.8	5.3	8.9	19	1007.6	310	12	0	3		38.2	21.2		68.2	330	25	0	Haze	3
27.0	14.0	-1.2	5.4	16	1009.2	320	6	0	7		32.8	17.0		64.5	310	21	0	"	4
30.0	15.4	-0.6	5.9	14	1008.3	320	4	0	20		34.2	14.9		64.0	340	22	0	Clear	5
28.3	15.4	2.1	7.1	19	1008.8	300	12	0	1.5		35.4	16.4		64.0	330	27	0	Haze	6
27.4	16.4	6.7	9.8	27	1010.2	320	4	0	4		33.2	13.5		65.0	310	18	0	"	7
30.4	14.4	-6.3	3.6	8	1011.7	360	6	0	20		34.2	14.2		64.2	320	18	0	"	8
30.2	16.4	3.2	7.6	18	1011.8	360	3	0	25		35.2	14.0		65.2	320	13	0	Clear	9
28.0	19.0	12.8	14.8	40	1008.1	210	6	0	25		35.0	13.5		66.0	300	10	0	"	10
26.3	18.8	13.7	15.7	46	1007.8	–	0	0	20		32.0	14.3		63.5	320	8	0	"	11
28.0	17.8	9.9	12.2	32	1009.7	360	2	0	25		33.5	16.0		63.8	220	2	0	"	12
26.9	20.7	17.1	19.5	55	1009.8	200	8	0	20		33.6	18.2		63.7	180	10	0	"	13
26.0	21.9	19.6	22.9	68	1012.2	200	8	0	20		30.2	20.5		59.6	180	10	0	"	14
26.3	21.5	18.8	21.7	64	1013.7	230	4	0	15		31.7	20.6		60.0	190	8	0	Mist	15
30.4	18.0	8.0	10.7	25	1014.5	360	4	0	20		34.7	19.5		60.2	310	10	0	"	16
30.2	18.0	8.2	10.9	25	1013.8	340	4	0	20		35.0	17.5		62.0	360	7	0	Clear	17
30.2	18.0	8.2	10.9	25	1012.5	340	5	0	20		36.2	18.0		65.0	300	13	0	"	18
29.2	17.4	7.5	10.5	25	1012.9	330	2	0	20		35.2	15.1		64.5	320	9	0	"	19
30.4	17.5	6.6	9.7	22	1014.4	320	6	0	25		35.2	16.0		64.0	300	7	0	"	20
28.0	16.5	6.3	9.5	25	1014.5	340	8	0	25		34.7	14.5		62.0	320	9	0	"	21
26.0	18.4	13.0	15.0	45	1012.8	300	4	0	30		33.2	15.8		61.2	320	7	0	"	22
25.2*		16.8*	19.2*	60*	1012.0*	220*	2*				32.3*	15.6		60.5	360	12	0	"	23
26.2	19.5	15.2	17.3	51	1014.2	230	5	0	25		31.2	14.6		61.0	300	7	0	"	24
25.4	18.0	12.7	14.7	45	1014.5	–	0	0	25		33.0	15.0		63.8	280	5	0	"	25
26.8	16.5	7.8	10.4	30	1012.3	330	4	0	30		31.2	15.7		61.5	360	8	0	"	26
25.0	17.8	12.6	14.6	46	1012.2	220	2	0	30		31.0	14.5		61.5	240	8	0	"	27
23.0	17.0	12.6	14.6	52	1019.5	–	0	0	30		29.0	15.5		58.0			0	"	28
24.5	19.0	15.4	17.5	56	1017.2	–	0	0	20		31.5	13.6		59.6	220	5	0	"	29
24.7	13.8	2.1	7.1	23	1015.6	–	0	4	25		30.3	13.0		58.6	210	7	0	P.Cloudy	30
22.6	19.4	17.4	19.9	72	1014.0	300	2	0	30		31.5	14.4		58.8	180	10	0	Fair	31
27.8	17.6	8.9	12.3	35	1011.8	–	4	0	20		33.4	16.1		62.7			0.0		Av.

CODE FOR REMARKS (continued)

Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

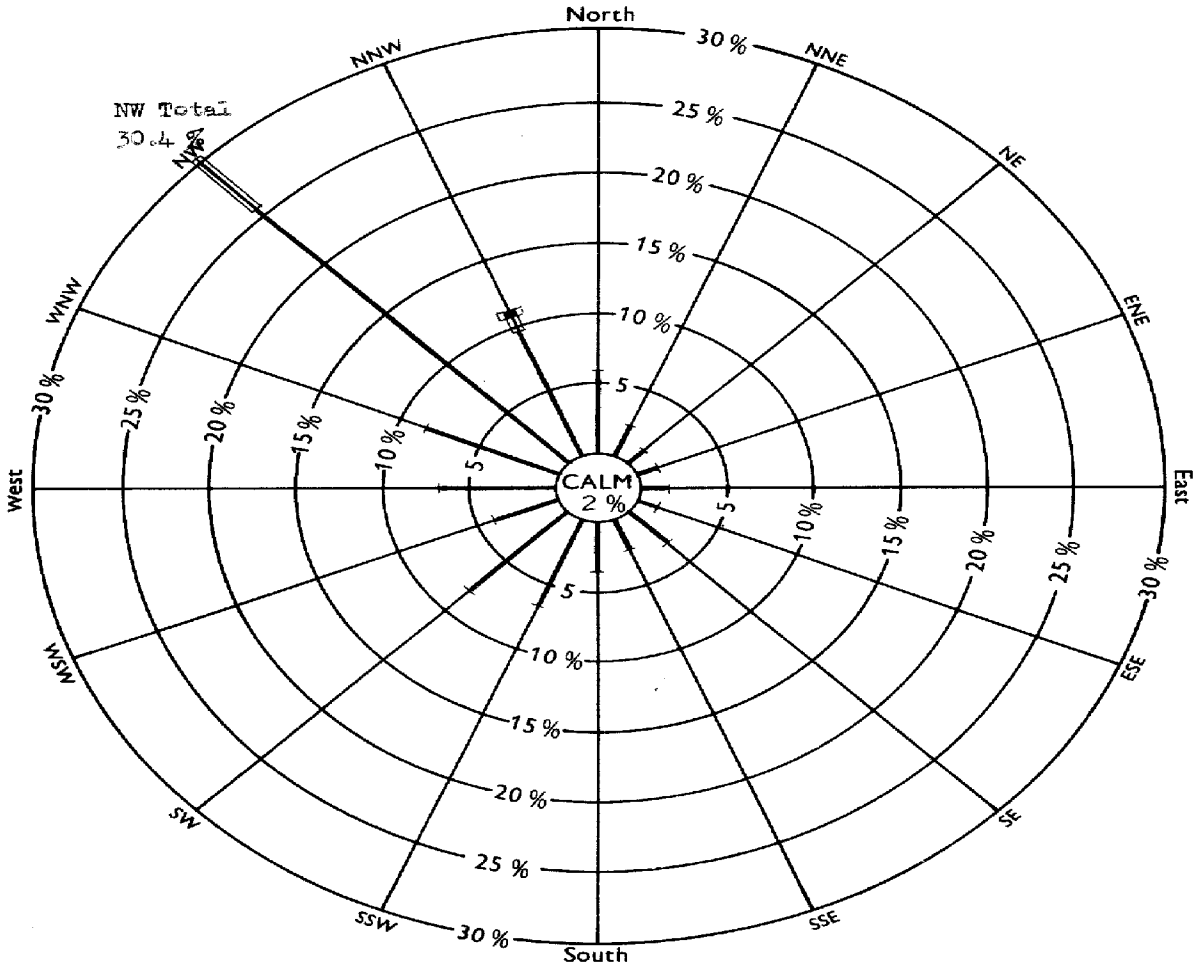
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



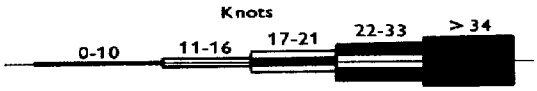
Met. Form 4

IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : October	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30° 30' N.	Long : 49° 12' E.

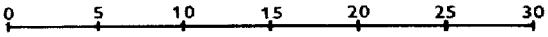


Hours in month 744

Hours recorded 744



Velocity Key



Radial Percentage Scale

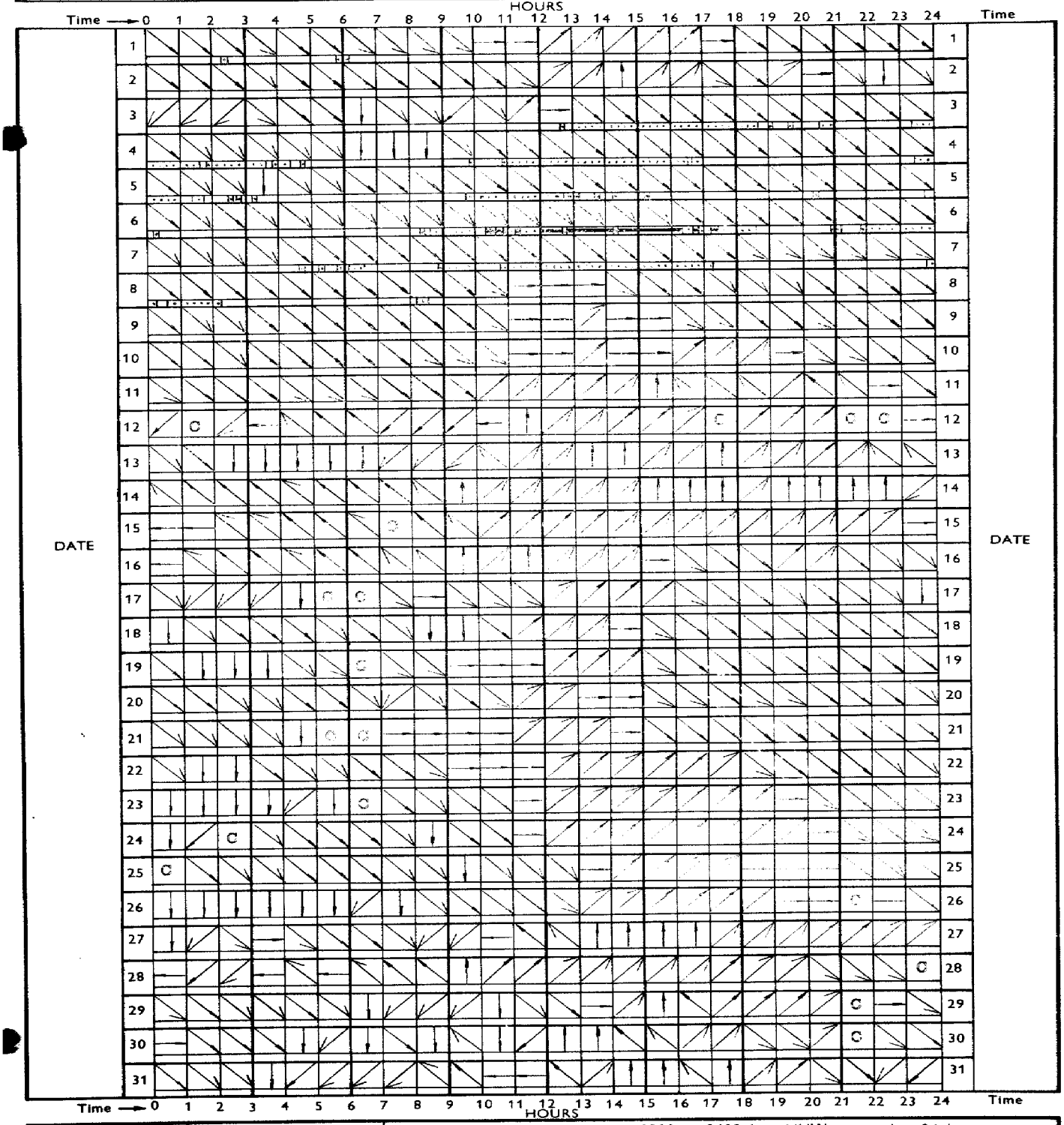
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks : The wind directions WNW, NW and NNW constitute together 49.9 % of all observations.

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : October	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30° 30' N.	Long : 49° 12' E.



VELOCITY KEY		DIRECTION KEY	
C	Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW	
	1-10 Knots		
	11-16		
	17-21		
	22-33		
	> 34		
NR	No Record.		

3 40 4 Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

161.

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	27.8	20.6	16.3	18.5	50	1008.7	320	12	0	20	30.0	21.6	16.3	19.1	45	1008.7	320	11	0	20	1
2	20.6	18.8	17.7	20.3	84	1006.0	–	0	0	20	31.0	24.2	21.0	24.8	55	1006.7	360	4	0	20	2
3	22.0	21.2	20.8	24.6	93	1006.2	–	0	0	20	32.4	24.0	19.8	23.1	48	1007.5	360	2	0	25	3
4	27.8	19.0	13.0	15.0	40	1009.1	360	22	0	0.5	31.0	17.6	6.1	9.4	21	1010.1	340	18	0	15	4
5	26.0	17.0	9.9	12.4	37	1008.9	360	12	0	15	30.0	17.6	7.3	10.3	24	1010.1	330	15	0	20	5
6	27.4	19.4	14.2	16.1	45	1008.2	340	10	0	20	31.0	19.8	12.0	14.1	32	1008.8	330	18	0	3	6
7	24.4	16.4	10.0	12.3	41	1009.6	330	12	0	20	27.4	17.6	10.0	12.3	34	1010.4	310	20	0	20	7
8	24.4	18.4	14.3	16.3	54	1012.6	320	15	0	20	27.8	20.2	15.5	17.6	47	1013.0	330	12	0	20	8
9	26.0	19.4	15.2	17.3	52	1011.0	340	12	0	20	29.4	20.4	14.7	16.8	41	1013.6	340	12	0	20	9
10	25.6	19.4	15.4	17.6	54	1010.4	320	12	0	20	29.2	21.4	16.9	19.2	48	1010.0	330	13	0	20	10
11	21.4	19.4	18.2	20.9	82	1009.0	–	0	0	20	28.8	22.6	19.0	22.0	56	1009.7	330	8	0	20	11
12	19.4	18.2	17.5	20.0	89	1009.2	–	0	0	15	29.0	23.0	19.9	23.3	58	1010.4	330	8	0	20	12
13	21.0	20.0	19.4	22.6	92	1010.2	–	0	0	20	30.0	23.6	20.4	24.1	57	1011.8	240	8	0	20	13
14	25.0	22.6	21.4	25.6	81	1012.8	–	0	0	20	29.6	23.2	19.9	23.3	56	1013.9	100	4	0	20	14
15	21.4	20.4	19.8	23.2	91	1013.0	–	0	0	15	29.0	24.0	21.6	25.9	64	1014.3	300	8	0	20	15
16	21.6	20.2	19.4	22.5	88	1015.4	–	0	0	20	30.0	24.0	21.1	25.1	59	1016.0	300	4	0	25	16
17	21.4	21.0	20.8	24.6	96	1015.3	–	0	0	20	28.9	24.0	21.7	25.9	65	1015.4	360	10	0	20	17
18	19.8	19.0	18.5	21.3	92	1013.6	–	0	0	25	29.8	22.8	19.1	22.2	53	1013.8	350	8	0	25	18
19	25.6	19.2	15.1	17.1	52	1013.4	360	6	0	25	30.0	21.6	16.8	19.2	45	1014.5	360	6	0	25	19
20	23.8	19.4	16.7	19.0	64	1014.5	360	5	0	25	29.0	21.4	17.1	19.4	48	1015.4	360	4	0	25	20
21	20.0	19.6	19.3	22.5	96	1016.2	–	0	0	10	30.2	21.4	16.2	18.5	43	1016.0	360	8	0	20	21
22	25.2	18.4	13.7	15.7	49	1014.9	360	6	0	20	28.6	20.0	14.6	16.6	43	1014.3	350	14	0	25	22
23	19.0	17.8	17.0	19.4	88	1013.1	–	0	0	20	30.0	20.4	14.3	16.3	39	1013.3	300	10	0	20	23
24	19.6	17.6	16.3	18.5	82	1014.4	–	0	0	20	28.6	20.6	15.8	17.9	46	1015.0	360	10	0	20	24
25	19.4	18.6	18.1	20.8	93	1015.5	–	0	0	20	28.4	20.6	15.8	18.0	47	1015.8	360	8	0	20	25
26	21.8	19.6	18.3	21.1	79	1014.4	360	4	0	25	28.6	19.4	13.2	15.2	39	1013.9	320	10	0	25	26
27	18.6	16.6	15.2	17.3	81	1012.8	–	0	0	25	27.6	21.0	17.2	19.6	53	1013.1	030	2	0	25	27
28	17.4	16.2	15.3	17.5	89	1013.5	–	0	0	25	27.6	17.6	9.7	12.0	33	1015.1	–	0	0	25	28
29	17.8	16.2	15.0	17.1	84	1016.7	–	0	0	25	27.2	19.0	13.4	15.4	43	1018.0	030	8	0	25	29
30	21.4	17.0	13.9	15.9	62	1017.7	030	2	0	20	27.4	18.0	11.1	13.2	36	1017.4	030	3	0	20	30
31	23.2	18.2	14.8	16.9	60	1016.0	050	2	0	20	28.4	19.6	13.8	15.8	41	1016.2	100	2	2	20	31
Av.	22.4	18.9	16.5	19.0	72	1012.4	–	4	0	20	29.2	21.0	15.9	18.6	46	1013.0	–	9	0	21	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964
Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

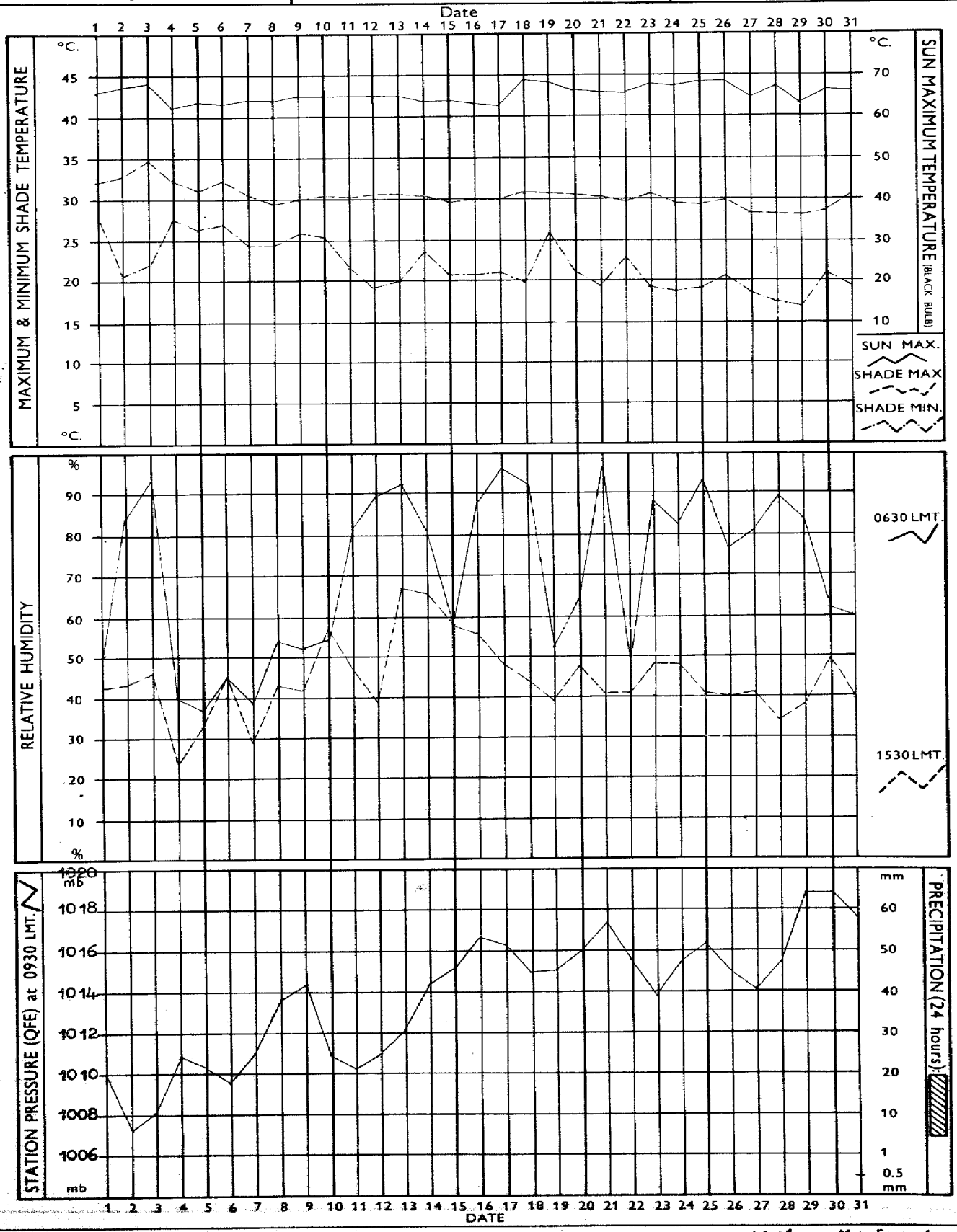
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
29.0	20.4	15.0	17.1	43	1006.5	330	2	0	20		27.4	32.0	26.4	65.8	360	33	0	Clear	1
28.2	22.4	19.3	22.5	59	1005.5	330	2	0	25		32.7	20.5	18.8	67.0	340	13	0	"	2
32.4	23.2	18.3	21.1	43	1006.5	300	12	0	4		34.6	22.0	20.0	68.0	350	38	0	Haze	3
28.2	16.4	5.8	9.2	24	1008.8	340	12	0	15		32.4	27.5	27.2	62.0	360	41	0	Sandst.	4
29.4	19.6	13.0	15.0	37	1008.1	330	10	0	20		31.0	25.5	24.0	63.2	010	27	0	Clear	5
30.6	22.4	17.9	20.5	47	1007.7	330	14	X	0.8		32.2	27.0	24.4	63.0	350	39	0	Dust	6
28.0	18.0	10.4	12.7	34	1010.4	300	12	0	20		30.6	24.4	22.8	64.0	350	40	0	Clear	7
27.4	20.2	15.7	17.9	49	1011.6	320	10	0	20		29.4	24.4	22.8	64.0	360	25	0	"	8
28.4	20.4	15.5	17.6	46	1011.7	320	10	0	20		30.0	26.0	23.3	65.0	330	20	0	"	9
27.4	20.4	16.2	18.4	50	1008.0	280	7	0	20		30.4	25.5	23.0	65.0	360	19	0	"	10
25.0	19.4	15.9	18.0	57	1008.4	–	0	0	20		30.0	21.4	17.8	65.0	360	12	0	"	11
26.8	21.4	18.4	21.2	60	1010.2	300	5	0	20		30.5	19.0	16.1	65.0	290	11	0	"	12
26.8	23.0	21.1	25.1	71	1011.0	–	0	0	20		30.5	20.0	17.2	64.8	270	14	0	"	13
27.0	23.8	22.3	26.9	75	1013.3	280	3	0	20		30.4	23.0	21.2	63.6	280	12	0	"	14
26.4	24.0	22.9	28.0	82	1014.3	300	8	0	20		29.5	20.5	19.4	63.5	330	17	0	"	15
26.6	21.8	19.2	22.3	64	1015.1	280	4	0	20		30.0	20.6	18.2	63.0	290	14	0	"	16
27.4	20.2	15.8	18.0	49	1013.2	300	6	0	25		30.0	20.8	18.0	62.8	330	18	0	"	17
28.2	20.2	15.2	17.3	45	1012.2	300	6	0	25		30.8	19.8	15.9	68.4	350	16	0	"	18
26.2	21.2	18.4	21.2	62	1013.2	300	6	0	20		30.6	25.4	22.4	68.0	320	18	0	"	19
27.2	20.6	16.7	19.0	53	1014.3	300	6	0	25		30.4	20.4	20.2	66.0	330	15	0	"	20
26.2	20.0	16.2	18.4	54	1014.7	300	5	0	25		30.0	19.2	16.8	65.4	320	17	0	Mist	21
26.8	19.0	13.7	15.7	45	1012.7	300	8	0	20		29.5	22.8	21.8	65.5	320	20	0	Clear	22
25.8	20.0	16.5	18.8	57	1012.4	300	4	0	25		30.6	19.0	14.7	67.5	330	14	0	"	23
26.4	19.4	14.9	17.0	49	1014.6	340	8	0	20		29.4	18.8	14.4	67.0	330	14	0	"	24
26.0	19.6	15.6	17.7	53	1014.7	320	4	0	25		29.2	19.0	15.6	68.0	330	12	0	"	25
25.4	19.6	16.0	18.2	56	1018.5	320	8	0	25		29.4	20.5	14.8	68.2	330	13	0	"	26
24.6	18.0	13.4	15.4	50	1012.6	320	6	0	25		28.2	18.5	15.0	64.8	340	10	0	"	27
25.0	18.6	14.3	16.3	51	1014.9	320	8	1	25		28.2	17.4	13.0	67.0	330	15	0	"	28
24.8	17.6	12.4	14.4	46	1017.2	320	8	0	25		28.0	17.0	13.9	63.0	340	15	0	"	29
24.4	18.8	15.1	17.2	57	1015.5	–	0	0	25		28.6	20.6	16.1	66.0	350	13	0	"	30
25.6	21.0	18.4	21.2	65	1015.2	–	0	4	20		30.5	19.2	15.7	66.0	130	8	0	Fair	31
27.0	20.3	16.1	18.7	53	1011.9	–	6	0	21		30.3	21.7	19.1	65.3			0.0		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

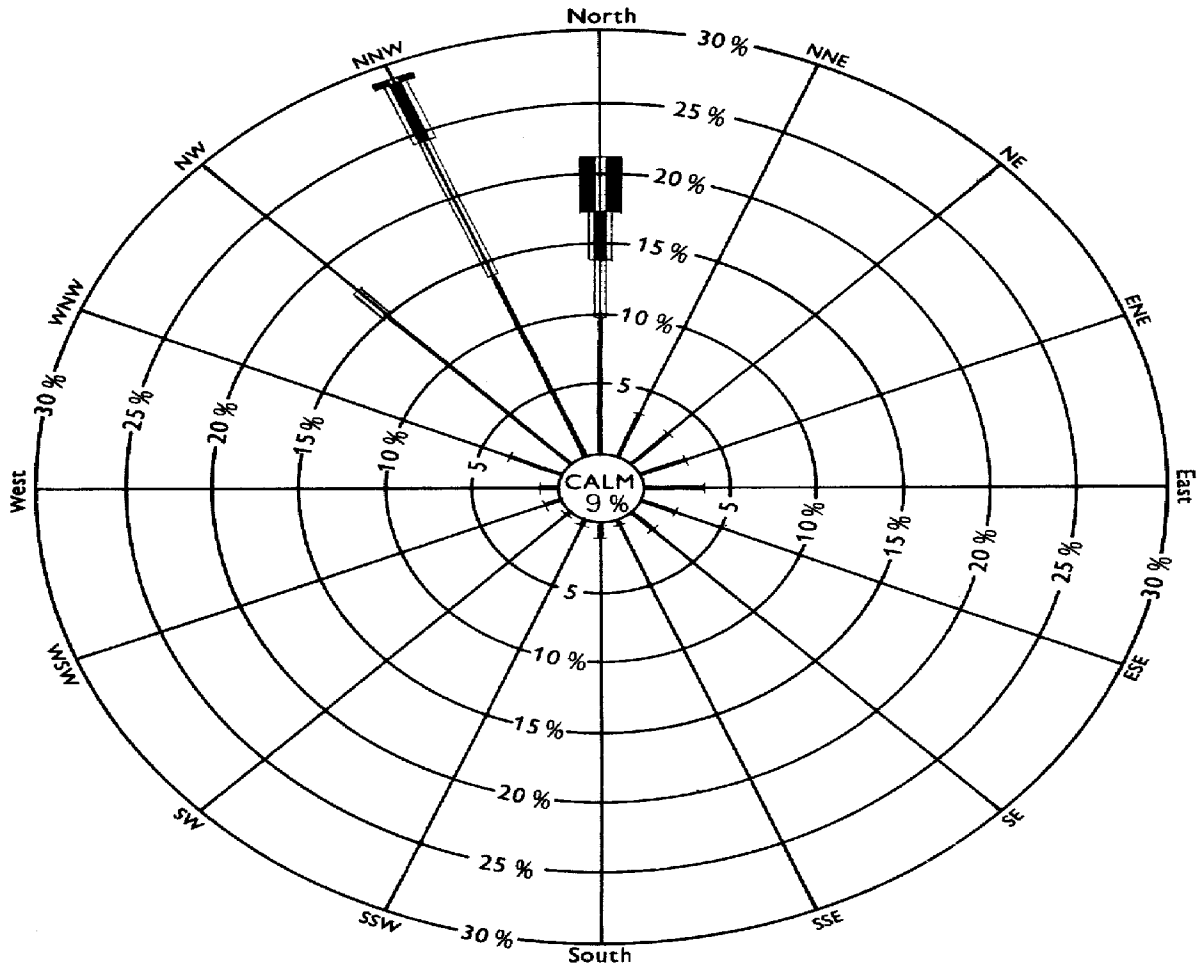
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



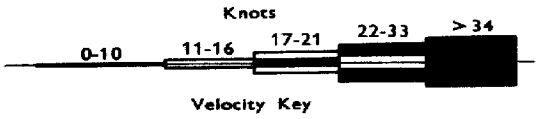
Met. Form 4

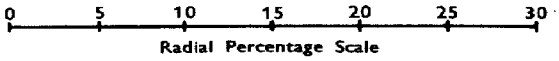
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : October	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



Hours in month 744

Hours recorded 720





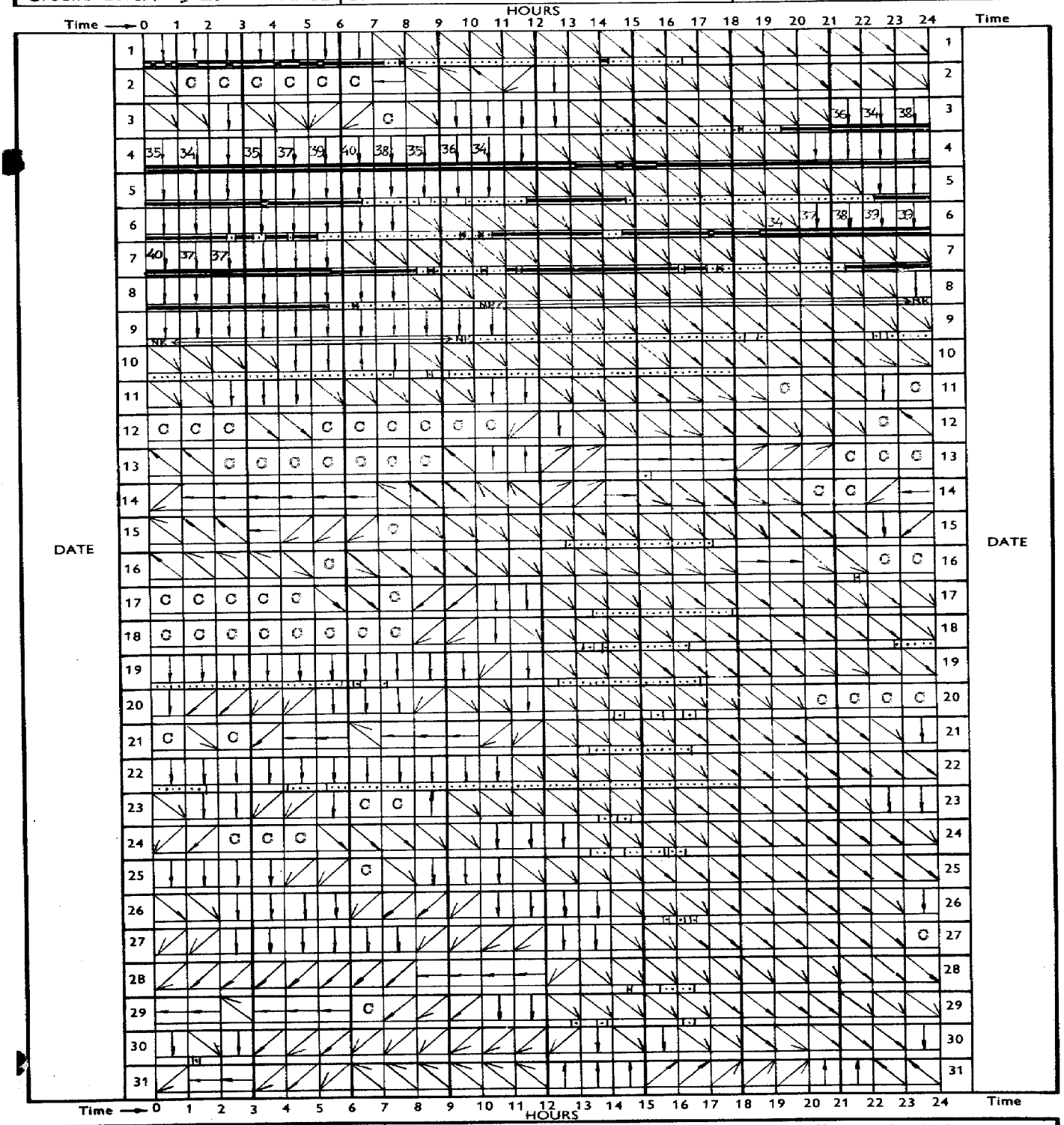
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks : The wind directions NW, NNW and N constitute together 67.7 % of all observations.

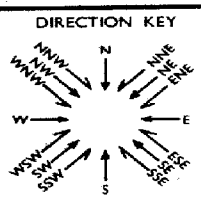
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : October	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°15' N.	Long : 50°20' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964
Station : Farsi Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 28°00' N. | Long : 50°10' E.

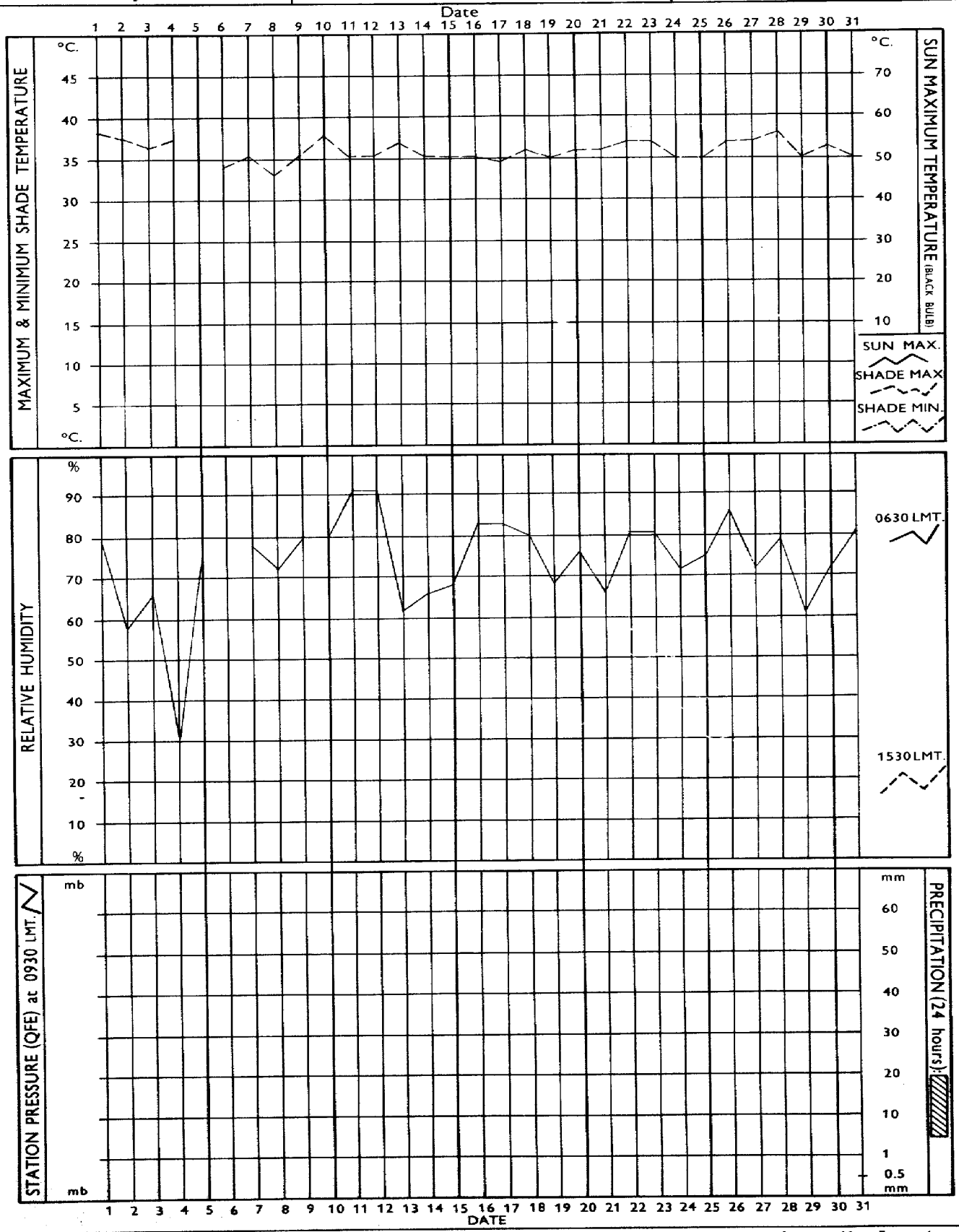
Observations at 0630										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
30.8	27.4	26.1	33.8	79		360	10	0	20		38.2						0	Clear	1
34.5	27.6	24.9	31.5	58		310	10	0	18		37.5						0	"	2
33.6	28.4	26.4	34.5	66		360	10	0	18		36.5						0	"	3
29.2	18.2	9.8	12.1	30		360	8	0	18		37.5						0	"	4
32.6	29.0	27.7	37.2	75		360	20	0	10								0	Haze	5
											34.0								6
29.0	26.0	24.7	31.2	78		320	21	0	12		35.5						0	Clear	7
31.0	27.0	25.4	32.5	72		360	22	0	14		33.0						0	"	8
30.2	27.4	26.3	34.3	80		360	22	0	18		35.5						0	"	9
31.6	29.0	27.7	37.2	80		360	10	0	18		38.0						0	"	10
32.2	31.0	30.6	44.0	91		230	2	0	8		35.3						0	Haze	11
30.2	29.1	28.7	39.4	91		360	10	0	12		35.5						0	Clear	12
31.4	28.4	26.1	33.9	62		360	8	0	16		37.0						0	"	13
34.4	29.0	27.1	35.8	66		230	2	0	11		35.5						0	"	14
32.2	27.4	25.5	32.7	68		320	2	0	14		35.2						0	"	15
30.2	27.9	27.1	35.8	83		360	4	0	16		35.2						0	"	16
30.2	27.9	27.1	35.8	83		360	4	0	16		34.5						0	"	17
30.2	27.4	26.3	34.3	80		–	0	0	10		36.0						0	Haze	18
35.4	27.0	28.6	39.2	68		–	7	0	18		35.0						0	Clear	19
33.2	29.6	28.4	38.6	76		360	6	0	9		36.0						0	Haze	20
35.6	26.0	28.4	38.7	66		360	6	0	18		36.0						0	Clear	21
32.1	29.6	28.7	39.4	81		360	8	0	18		37.0						0	"	22
32.4	29.8	28.9	39.8	81		360	5	0	15		37.0						0	"	23
33.4	29.2	27.7	37.2	72		320	4	0	18		35.0						0	"	24
31.9	28.2	26.8	35.4	75		360	6	0	20		35.0						0	"	25
32.4	29.8	29.7	41.6	86		360	5	0	15		37.0						0	"	26
33.4	29.2	27.7	37.2	72		320	4	0	18		37.0						0	"	27
32.3	29.2	27.8	38.1	79		360	10	0	18		38.0						0	"	28
34.2	28.0	25.6	32.9	61		360	9	0	14		35.0						0	"	29
32.6	28.4	28.3	35.3	72		360	8	0	16		36.5						0	"	30
30.0	27.4	26.4	34.4	81		360	10	0	20		35.0						0	"	31
32.1	28.0	26.7	35.1	74		–	8	0	16		36.0						0.0		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Farsi Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 28°00' N.	Long : 50°10' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : October Year : 1964

Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	26.3	24.2	23.3	28.5	83	1007.0	290	4	0	10	36.7	26.2	21.4	25.6	41	1006.1	300	7	0	4	1
2	26.0	24.5	23.8	29.5	88	1005.3	270	4	0	30	33.3	26.3	23.6	29.2	57	1006.4	220	9	0	20	2
3	26.4	24.5	23.7	29.2	85	1007.0	290	1	0	22	32.2	27.1	25.1	31.8	66	1007.5	230	9	1	22	3
4	25.1	23.4	22.3	27.4	85	1007.2	280	3	0	30	32.8	27.2	24.9	31.6	63	1007.8	190	4	0	20	4
5	25.4	20.0	16.7	19.0	59	1007.5	280	4	0	4	32.7	23.4	18.6	21.3	43	1007.8	190	5	0	4	5
6	24.5	22.0	20.7	24.4	79	1007.2	300	2	0	15	33.0	24.3	20.1	23.5	47	1007.0	180	4	0	10	6
7	25.6	22.5	20.9	24.8	75	1006.6	040	1	0	6	31.5	27.2	25.5	32.6	70	1007.6	120	9	0	14	7
8	24.0	22.8	22.2	26.9	90	1010.4	320	2	0	10	32.7	27.8	25.9	32.5	68	1011.0	150	12	0	20	8
9	25.1	23.5	22.8	27.7	82	1012.4	280	1	0	20	32.8	26.3	23.6	29.0	58	1012.2	240	10	0	28	9
10	25.4	24.5	24.1	30.0	92	1009.5	270	4	0	30	35.2	24.4	19.0	21.9	39	1008.8	290	8	0	35	10
11	24.5	22.7	21.8	26.2	85	1008.8	290	3	0	24	31.8	26.4	24.2	30.1	64	1009.7	230	7	1	22	11
12	26.0	22.5	20.8	24.5	73	1009.7	290	3	0	30	31.5	22.4	17.3	19.8	43	1010.6	180	4	0	40	12
13	29.1	17.8	8.7	11.3	28	1011.4	160	4	0	20	31.7	20.6	13.4	15.4	33	1012.2	140	8	0	16	13
14	25.8	17.8	11.9	13.9	42	1013.2	020	3	0	40	34.8	18.6	5.0	8.7	32	1013.2	170	2	0	45	14
15	23.8	18.7	15.4	17.5	60	1013.8	350	1	0	30	34.4	17.0	-1.2	5.5	19	1013.8	310	2	0	40	15
16	22.5	17.6	14.2	16.2	60	1014.3	340	3	0	45	32.5	22.2	16.2	18.5	38	1015.5	150	5	0	45	16
17	23.5	19.5	17.1	19.5	67	1015.1	350	1	0	35	31.5	20.9	14.2	16.2	35	1015.1	210	6	0	35	17
18	23.4	19.2	21.3	25.4	88	1013.4	350	2	0	40	32.4	21.8	15.6	17.7	36	1013.0	210	6	0	40	18
19	21.8	20.5	16.4	18.6	71	1013.0	290	2	0	26	31.6	24.8	21.7	25.9	56	1013.3	180	6	0	30	19
20	23.4	21.2	20.0	23.4	81	1014.0	300	2	0	30	30.2	24.6	22.1	26.5	62	1015.0	130	12	0	40	20
21	21.0	19.3	18.3	21.0	84	1015.7	360	2	0	40	32.5	20.2	11.8	13.8	28	1015.5	030	3	0	40	21
22	21.5	20.0	19.7	22.9	89	1014.2	300	2	0	45	30.7	24.4	21.3	25.4	57	1013.5	220	3	0	45	22
23	22.2	20.1	18.9	21.8	81	1012.6	280	1	0	40	30.0	23.0	19.3	22.5	53	1012.7	170	5	0	40	23
24	21.7	19.4	18.1	20.7	80	1013.6	310	2	0	50	31.0	22.0	16.9	19.3	43	1014.0	160	14	0	45	24
25	23.5	19.4	16.9	19.3	67	1014.7	010	2	0	45	30.0	23.0	19.3	22.5	53	1015.2	180	11	0	40	25
26	21.5	18.7	17.0	19.3	75	1013.6	–	0	0	45	30.2	21.6	16.6	18.9	44	1013.6	130	9	0	40	26
27	22.3	18.5	16.1	18.3	68	1012.8	–	0	0	40	30.0	18.0	8.3	10.9	26	1012.7	140	18	0	40	27
28	23.6	17.0	12.1	14.1	48	1013.4	040	2	2	40	28.5	20.8	16.2	18.4	47	1013.8	120	24	6	15	28
29	27.2	21.1	17.6	21.0	56	1016.5	170	2	7	40	29.5	23.3	20.2	23.6	57	1016.6	190	2	5	35	29
30	22.7	18.5	15.8	17.9	65	1016.8	280	3	1	40	29.5	21.6	17.0	19.4	47	1016.7	170	2	1	40	30
31	20.5	18.1	16.6	18.9	79	1016.1	340	2	0	40	32.5	18.0	5.6	9.1	29	1015.7	320	5	0	40	31
Av.	24.1	20.6	18.6	21.9	73	1011.8	–	2	0	31	31.9	23.1	17.7	21.5	47	1012.1	–	8	1	31	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month: October Year: 1964
Ground Level: 2 m. AMSL	Local Time: GMT + 3½ hrs.	Station: Sheikh Shu'aib
		Lat: 26°48' N. Long: 53°22' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
30.9	25.9	23.8	29.4	66	1005.3	280	5	0	12	29.0	36.9	25.0	23.9	73.1			0	Haze	1
29.7	24.7	22.4	27.1	65	1005.8	290	2	0	20	29.5	34.3	25.0	24.2	72.2	230	9	0	Clear	2
28.7	24.3	22.3	26.9	68	1007.0	290	2	0	24	30.0	32.7	24.5	23.6	70.7	250	11	0	"	3
31.0	24.5	21.3	25.4	56	1006.9	280	2	0	20	29.0	33.3	24.5	22.0	71.0	300	17	0	"	4
29.2	22.4	18.8	21.6	53	1006.7	290	1	0	6	29.4	33.0	24.7	23.7	70.4	290	13	0	Haze	5
29.7	22.9	19.3	22.5	54	1005.9	290	2	0	20	29.0	33.2	22.7	20.1	70.8	300	13	0	"	6
30.1	24.9	22.6	27.4	64	1008.8	300	2	0	14	29.1	32.8	24.4	19.5	69.1	140	10	0	"	7
29.9	25.7	23.9	29.6	70	1011.0	270	3	0	20	29.2	33.3	23.8	22.8	70.4	150	12	0	"	8
29.5	23.8	21.1	25.0	61	1011.1	270	5	0	24	29.1	36.2	23.8	21.0	72.2	270	13	0	Clear	9
29.7	21.3	24.9	31.5	75	1008.4	270	6	0	30	29.0	35.6	24.2	23.0	71.8	270	24	0	"	10
28.9	25.2	23.6	29.1	73	1008.7	300	2	0	28	29.0	32.4	23.8	22.7	68.0			0	"	11
27.2	19.2	13.8	15.8	44	1010.5	340	2	0	30	29.2	32.3	24.8	21.5	69.0			0	Clear	12
28.8	20.8	16.1	18.2	46	1011.6	250	2	0	16	28.6	32.3	28.8	19.9	68.7	200	8	0	"	13
28.7	18.0	9.8	12.1	31	1013.0	280	6	0	40	28.0	34.6	25.2	21.8	71.8			0	"	14
27.8	19.0	13.0	14.9	40	1014.3	270	1	0	35	28.3	35.4	21.7	18.2	71.1			0	"	15
28.0	20.0	15.0	17.0	45	1015.1	270	3	0	40	26.5	34.0	21.2	19.1	70.0	300	6	0	"	16
27.5	19.5	14.2	16.2	44	1014.0	280	3	0	30	27.8	32.0	21.3	17.9	68.8	240	9	0	"	17
28.4	22.6	19.6	22.8	59	1012.5	270	2	0	30	26.5	33.3	22.6	20.2	69.5	240	12	0	"	18
28.8	23.2	20.4	23.9	60	1013.6	190	2	0	30	27.6	32.5	21.8	21.8	68.8	340	6	0	"	19
28.2	23.4	21.1	25.0	65	1015.4	200	2	0	30	27.4	30.8	21.8	19.4	67.5	160	13	0	"	20
27.4	22.4	19.8	23.1	63	1015.1	290	2	0	35	27.7	33.2	20.7	17.1	70.1	350	6	0	"	21
27.4	21.8	18.8	21.7	60	1017.8	280	2	0	40	27.5	32.2	20.4	19.6	69.2	320	7	0	"	22
27.6	22.4	19.7	22.9	62	1012.4	270	1	0	35	27.5	30.8	19.8	16.7	68.5			0	"	23
27.4	20.3	16.0	18.3	51	1014.8	270	1	0	45	26.5	31.6	20.5	17.4	67.5	150	14	0	"	24
27.2	19.1	13.6	15.6	33	1014.8	290	1	0	45	27.5	31.3	20.6	17.3	67.0	140	14	0	"	25
25.7	18.5	13.6	15.6	47	1012.7	300	1	0	40	27.2	31.2	20.1	17.9	67.1	150	16	0	"	26
28.4	21.0	16.7	19.0	49	1012.4	140	12	0	40	27.0	30.8	20.2	15.5	68.8	140	18	0	"	27
27.8	22.1	19.1	22.1	59	1014.4	120	12	2	40	26.0	30.3	22.4	18.3	71.5	130	32	0	"	28
26.2	20.2	16.6	18.9	58	1016.4	320	2	2	35	26.5	30.1	23.1	21.4	69.2	120	8	0	P.Cloudy	29
25.2	19.4	15.8	17.9	56	1015.7	290	2	0	40	26.6	30.2	21.2	19.6	66.4	260	20	0	Fair	30
27.0	18.7	12.9	14.9	42	1015.6	270	3	0	40	25.5	32.8	20.2	17.7	69.0	240	9	0	Clear	31
28.3	21.9	18.4	21.7	55	1011.9	–	3	0	30	28.0	32.8	22.5	20.3	69.7					Av.

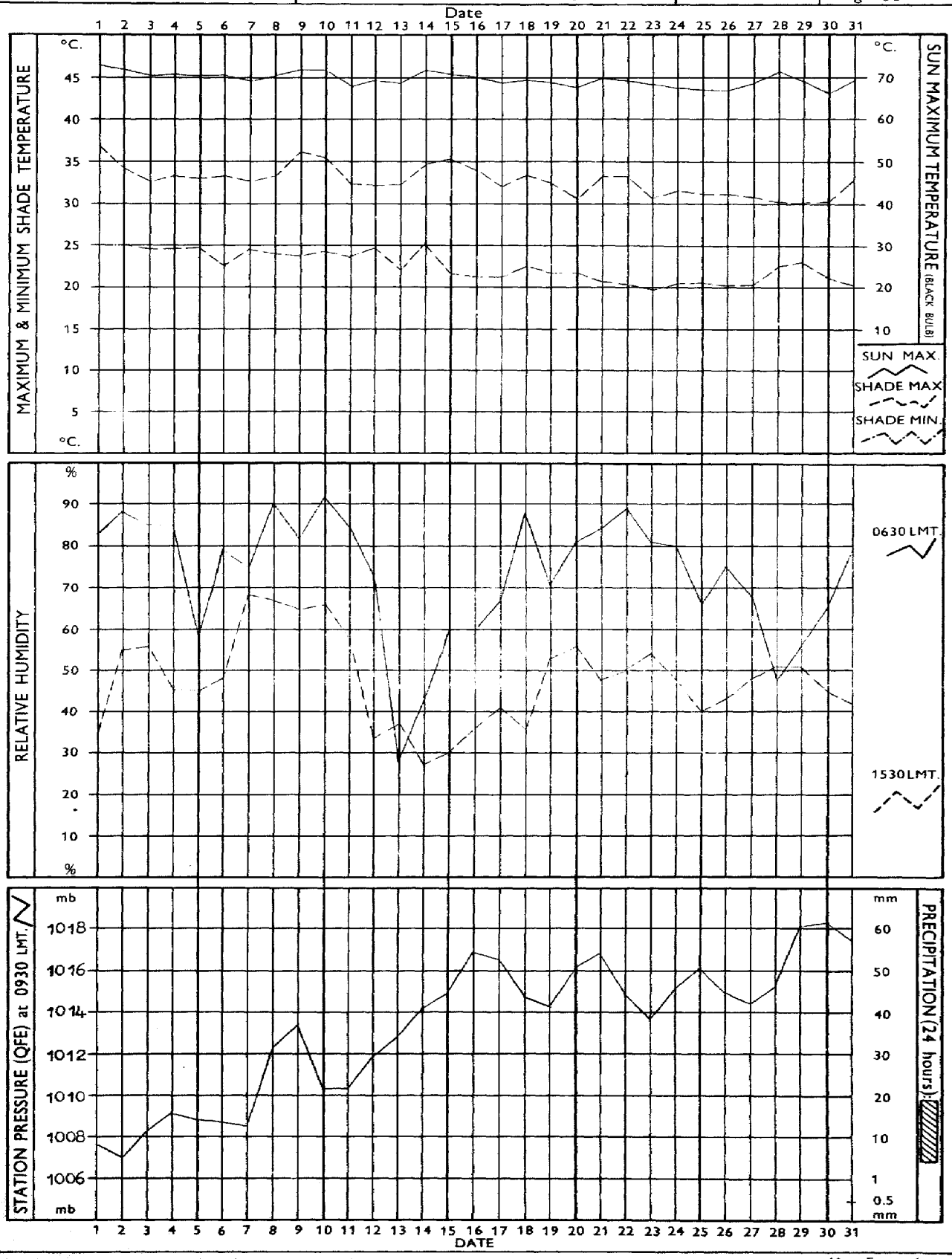
CODE FOR REMARKS (continued)

Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

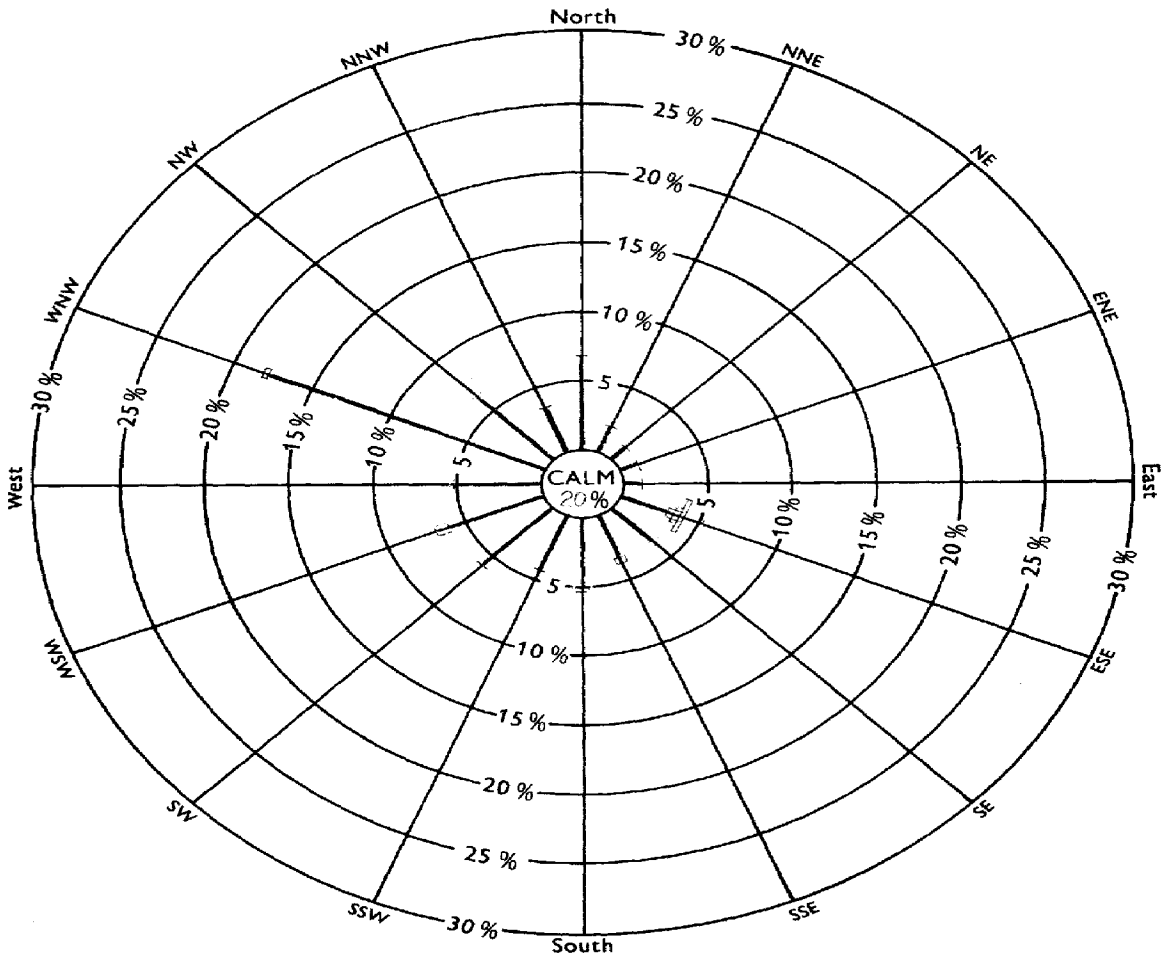
170.

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : October	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



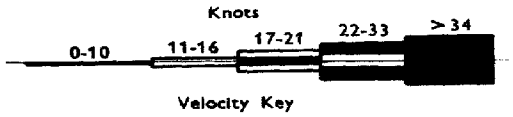
Met. Form 4

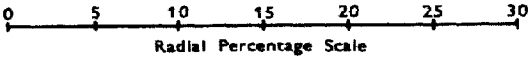
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : October	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 744

Hours recorded 744





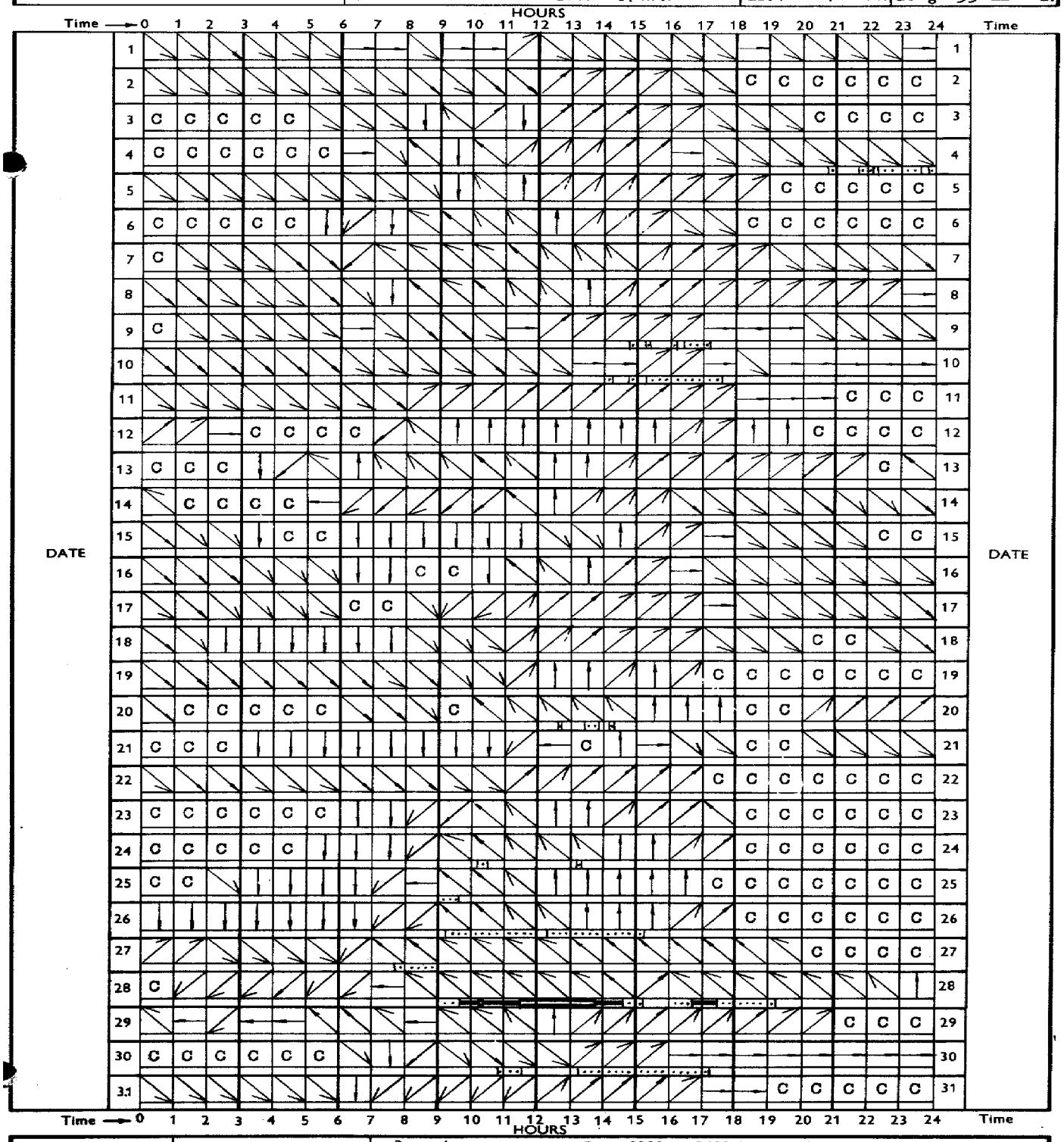
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

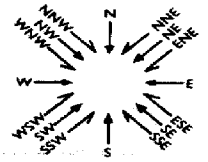
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : October	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY

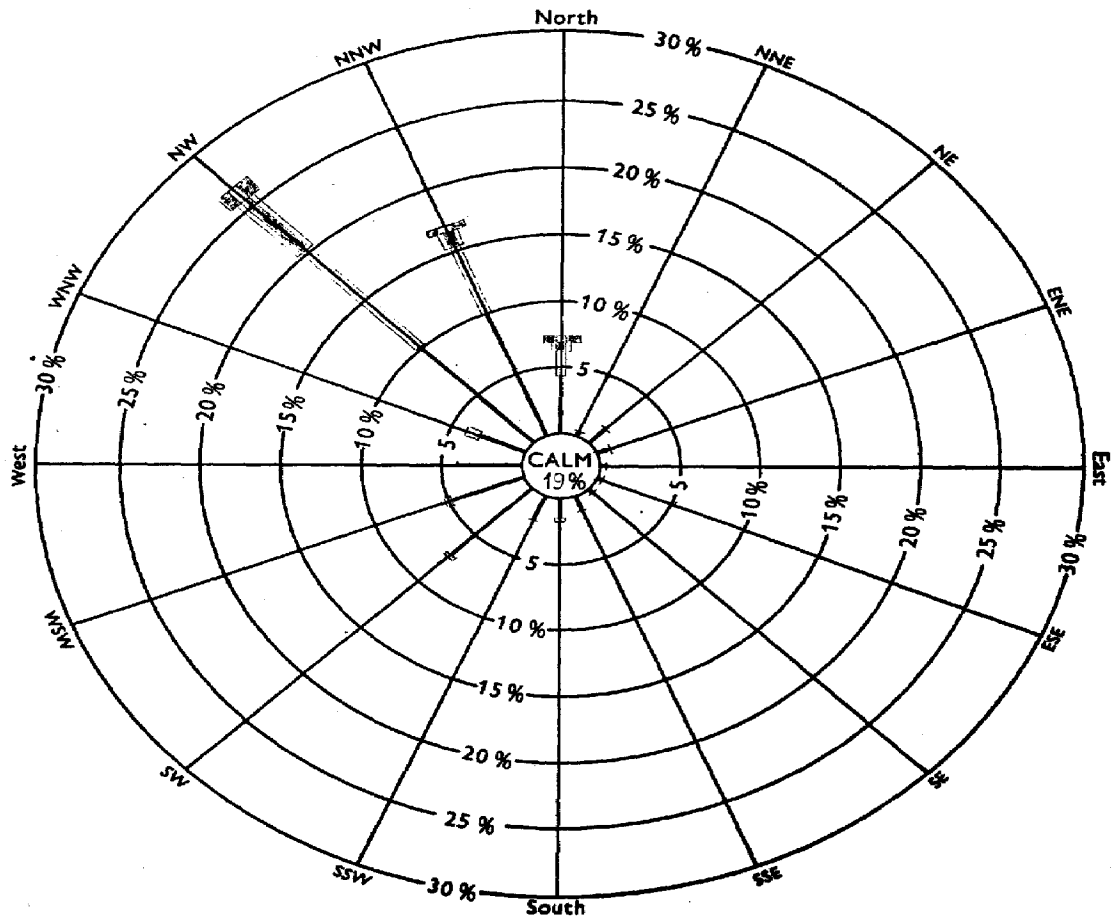


Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

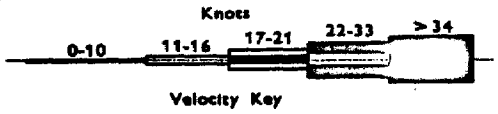
Met. Form 6

IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : October	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



Hours in month 744

Hours recorded 744



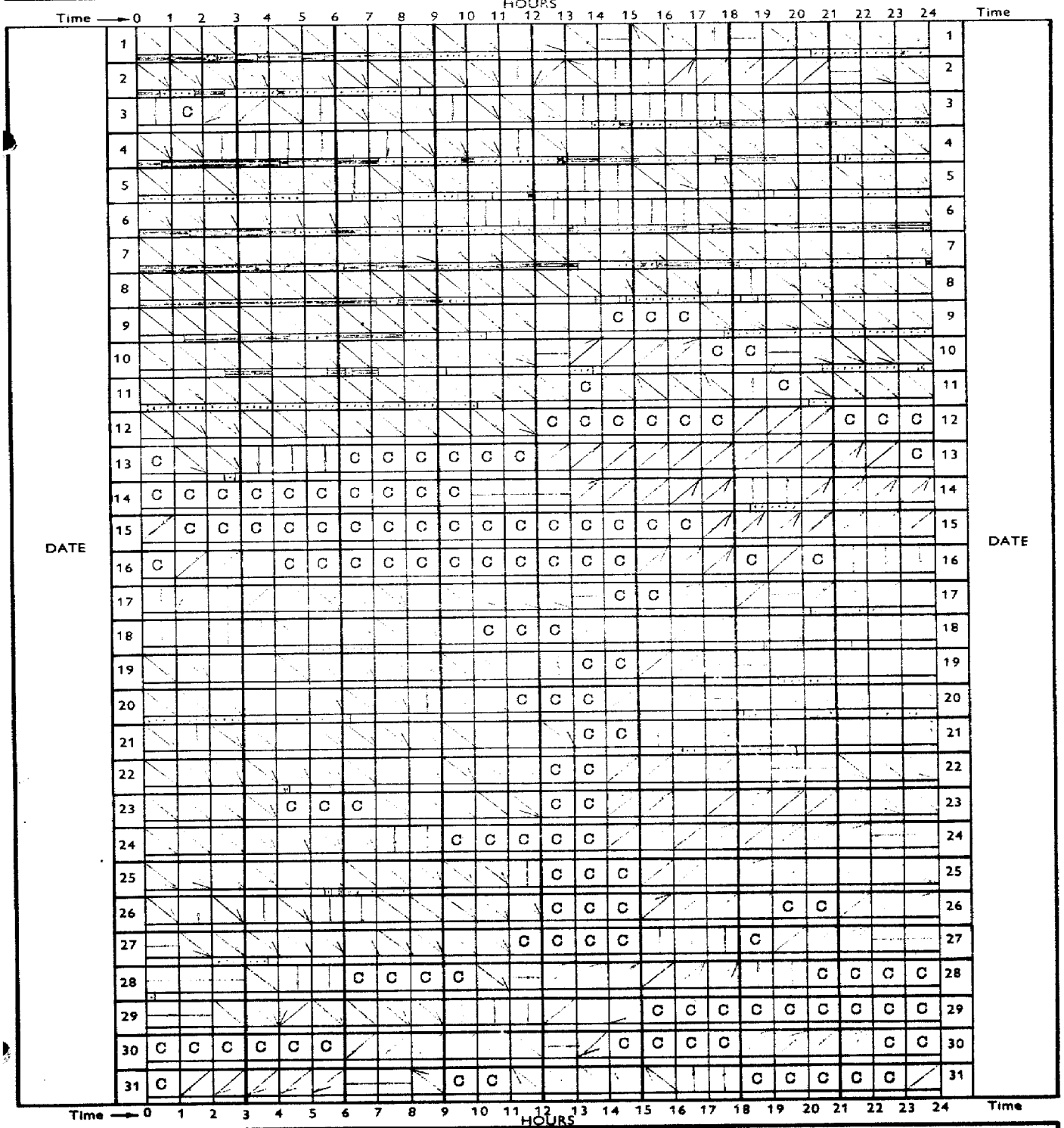
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks : The wind directions NW, NNW and N constitute together 51.5 % of all observations.

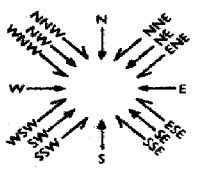
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month: October	Year: 1964
Ground Level: 6 m. AMSL	Local Time: GMT + 3½ hrs	Station: Ihor Iusa Lat: 30°00' N.	Long: 49°02' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example: From 0300 to 0400 hrs. NNW. more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks:

175.

Met. Form 6

MEAN SEA LEVEL PRESSURE (QFF) MB

Date	Masjid-i-Sulaiman			Agha Jari			Gach Saran			Ahwaz		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1008.2	1007.2	1006.5	1010.0	1009.3	1007.1	1007.7	1005.4	1006.0	1009.0	1008.7	1006.5
2	1007.0	1005.7	1004.9	1007.4	1007.6	1005.9	1005.9	1004.0	1005.4	1006.5	1006.9	1005.5
3	1007.1	1007.7	1007.8	1008.8	1008.4	1008.2	1007.1	1006.3	1006.2	1007.8	1008.8	1008.4
4	1009.9	1009.8	1009.7	1011.7	1011.6	1010.3	1008.3	1007.2	1007.9	1011.1	1011.3	1010.0
5	1010.0	1009.9	1009.4	1011.2	1011.4	1009.3	1008.7	1007.1	1007.4	1010.3	1011.0	1009.0
6	1010.2	1009.8	1009.2	1010.1	1010.7	1009.8	1008.4	1006.3	1007.2	1010.3	1010.8	1009.7
7	1008.9	1009.5	1011.3	1011.4	1011.7	1011.4	1008.6	1007.2	1010.0	1010.1	1010.9	1010.7
8	1013.2	1012.8	1012.6	1014.0	1014.3	1012.9	1012.3	1010.8	1011.6	1013.4	1013.8	1012.4
9	1012.8	1012.5	1012.4	1015.2	1015.1	1012.9	1013.3	1011.7	1011.4	1013.9	1014.7	1012.2
10	1010.6	1009.2	1008.6	1012.0	1011.2	1009.4	1010.1	1007.1	1008.1	1011.1	1010.4	1008.6
11	1009.3	1008.7	1009.1	1010.4	1010.4	1009.5	1008.5	1007.5	1008.2	1008.8	1009.8	1008.4
12	1010.0	1010.5	1010.2	1011.0	1011.6	1011.3	1009.4	1008.6	1009.7	1010.1	1011.1	1010.4
13	1011.0	1010.5	1010.4	1011.9	1012.1	1011.2	1009.9	1009.4	1010.3	1011.3	1011.5	1010.3
14	1013.0	1012.9	1012.7	1014.2	1014.5	1013.6	1012.4	1011.3	1012.0	1013.2	1013.4	1012.4
15	1014.3	1014.2	1014.2	1015.8	1015.7	1014.7	1013.4	1012.0	1013.2	1014.9	1014.9	1013.7
16	1015.6	1015.6	1015.2	1017.4	1016.9	1015.8	1015.0	1013.7	1014.2	1016.0	1016.3	1014.9
17	1016.0	1015.5	1014.3	1017.2	1016.6	1015.0	1015.4	1013.6	1013.2	1016.4	1016.3	1014.4
18	1014.5	1013.4	1013.0	1015.4	1014.7	1013.8	1013.8	1011.9	1012.3	1014.5	1014.3	1013.2
19	1013.8	1013.9	1014.1	1014.7	1015.5	1014.1	1013.8	1012.1	1012.8	1014.3	1015.0	1013.6
20	1015.0	1014.9	1015.2	1016.1	1016.7	1016.0	1014.9	1014.0	1014.9	1015.1	1016.2	1014.9
21	1016.3	1015.8	1015.5	1017.5	1017.4	1015.8	1016.7	1014.4	1014.9	1016.6	1016.7	1015.3
22	1015.2	1013.8	1013.3	1016.2	1015.4	1013.9	1015.2	1012.1	1012.6	1015.3	1014.7	1013.3
23	1013.6	1012.9	1012.9	1014.5	1014.0	1013.4	1013.2	1011.0	1012.6	1013.9	1013.9	1012.6
24	1015.1	1014.8	1015.4	1015.8	1016.0	1015.7	1016.9	1013.3	1015.0	1015.3	1015.9	1014.9
25	1016.1	1015.6	1016.0	1016.8	1016.9	1016.0	1015.8	1013.7	1014.9	1016.3	1016.8	1015.3
26	1015.0	1014.7	1013.3	1016.1	1015.4	1013.8	1014.7	1011.9	1013.2	1015.3	1014.8	1013.0
27	1013.1	1012.8	1013.4	1014.1	1014.2	1013.5	1013.4	1011.8	1012.7	1013.4	1014.0	1012.7
28	1014.2	1015.2	1015.4	1015.3	1016.0	1015.6	1014.0	1013.3	1015.1	1014.2	1015.8	1015.3
29	1017.1	1018.0	1018.1	1018.1	1019.1	1018.4	1016.7	1016.1	1017.1	1017.4	1019.0	1017.6
30	1018.7	1017.8	1016.9	1019.2	1019.2	1016.7	1018.4	1016.4	1016.2	1018.7	1018.2	1016.7
31	1017.0	1016.2	1015.8	1017.5	1017.3	1016.5	1017.1	1015.7	1015.7	1016.9	1016.5	1015.5
Av.	1013.0	1012.6	1012.5	1014.1	1014.1	1013.0	1012.6	1010.9	1011.7	1013.3	1013.6	1012.3

Date	Abadan			Bandar Mashur			Kharg Island			Sheikh Shu'aib		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1010.0	1009.3	1008.2	1009.3	1008.7	1006.0	1009.1	1009.1	1006.9	1007.4	1006.5	1005.7
2	1006.9*	1007.4*	1006.0	1006.8	1006.6	1005.5	1006.4	1007.1	1005.9	1005.7	1006.5	1006.2
3	1007.8	1009.7	1009.0	1007.7	1008.1	1008.0	1006.6	1007.9	1006.9	1007.4	1007.9	1007.4
4	1011.7	1012.4	1011.0	1011.2	1011.2	1009.6	1009.5	1010.5	1009.2	1007.6	1008.2	1007.3
5	1010.8	1011.5	1010.0	1010.0	1010.5	1008.7	1009.3	1010.5	1008.5	1007.9	1008.2	1007.1
6	1010.6	1011.5	1010.4	1009.6	1010.1	1009.2	1008.4	1009.2	1008.1	1007.6	1007.4	1006.3
7	1011.1	1012.1	1011.4	1010.1	1010.7	1010.6	1009.9	1010.8	1010.8	1007.0	1008.0	1009.2
8	1014.0	1014.1	1013.0	1013.3	1013.5	1012.1	1013.0	1013.4	1012.0	1010.8	1011.4	1011.4
9	1014.8*	1015.1*	1013.0	1014.1	1014.2	1012.2	1013.4	1014.0	1012.1	1013.8	1012.6	1011.5
10	1011.8	1010.5	1009.2	1011.2	1010.5	1008.5	1010.8	1010.4	1008.4	1009.9	1009.2	1008.8
11	1009.6	1010.0	1008.9	1008.9	1009.7	1008.2	1009.4	1010.1	1008.8	1009.2	1010.1	1009.1
12	1010.3	1011.3	1010.3	1009.6	1011.0	1010.1	1009.6	1010.8	1010.6	1010.1	1011.0	1010.9
13	1011.0	1011.8	1010.7	1010.5	1011.5	1010.2	1010.6	1012.2	1011.4	1011.7	1012.6	1012.0
14	1013.1	1013.8	1012.7	1012.1	1013.6	1012.6	1013.2	1014.3	1013.7	1013.6	1013.6	1013.4
15	1014.4	1014.8	1013.8	1014.5	1015.4	1014.1	1013.4	1014.7	1014.7	1014.2	1014.2	1014.7
16	1015.7*	1016.3*	1015.1	1016.0	1016.2	1014.9	1015.8	1016.4	1015.5	1014.6	1015.9	1015.5
17	1016.4	1016.3	1014.6	1016.1	1016.1	1014.2	1015.7	1015.8	1013.6	1015.5	1015.5	1014.4
18	1014.7	1014.6	1013.8	1014.2	1014.2	1012.9	1014.0	1014.2	1012.6	1013.8	1013.4	1012.9
19	1014.0	1015.2	1014.1	1013.9	1014.7	1013.1	1013.8	1014.9	1013.6	1013.4	1013.7	1014.0
20	1015.4	1016.5	1015.7	1014.9	1016.1	1014.8	1014.9	1015.8	1014.7	1014.4	1015.4	1015.8
21	1016.8	1017.2	1015.9	1016.3	1016.7	1014.9	1016.6	1016.4	1015.1	1016.1	1015.9	1015.5
22	1015.7	1015.3	1013.5	1015.2	1014.8	1013.2	1015.3	1014.7	1013.1	1014.6	1013.9	1013.2
23	1013.4*	1014.2*	1013.0	1013.7	1013.8*	1012.4*	1013.5	1013.7	1012.8	1013.0	1013.1	1012.8
24	1015.3	1016.3	1015.5	1014.9	1015.5	1014.6	1014.8	1015.4	1015.0	1014.0	1014.4	1015.2
25	1016.9	1017.0	1015.7	1016.1	1016.3	1014.9	1015.9	1016.2	1015.1	1015.1	1015.6	1015.2
26	1015.6*		1013.6	1013.9	1014.6	1012.7	1014.8	1014.3	1012.9	1014.0	1014.0	1013.1
27	1013.8	1013.8	1012.9	1013.4	1013.4	1012.6	1013.2	1013.5	1013.0	1013.2	1013.1	1012.8
28	1014.1	1015.7	1015.2	1014.0	1015.4	1014.9	1013.9	1015.6	1015.3	1014.0	1014.2	1014.8
29	1017.6	1018.9	1017.6	1016.8	1018.4	1017.6	1017.1	1018.4	1017.6	1016.9	1017.0	1016.8
30	1019.2*	1018.4*	1016.2	1018.4	1018.1	1016.0	1018.1	1017.8	1015.9	1017.2	1017.1	1016.1
31	1016.6	1016.3	1015.3	1016.5	1016.5	1014.4	1016.4	1016.6	1015.6	1016.5	1016.1	1016.0
Av.	1013.5	1013.9	1013.2	1013.0	1013.4	1012.2	1012.8	1013.4	1012.4	1012.2	1012.5	1012.3

* Values obtained from barographs.

Met. form 9

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WEATHER BUREAU

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

METEOROLOGICAL OBSERVATIONS

FOR

NOVEMBER 1964

~~131-67~~

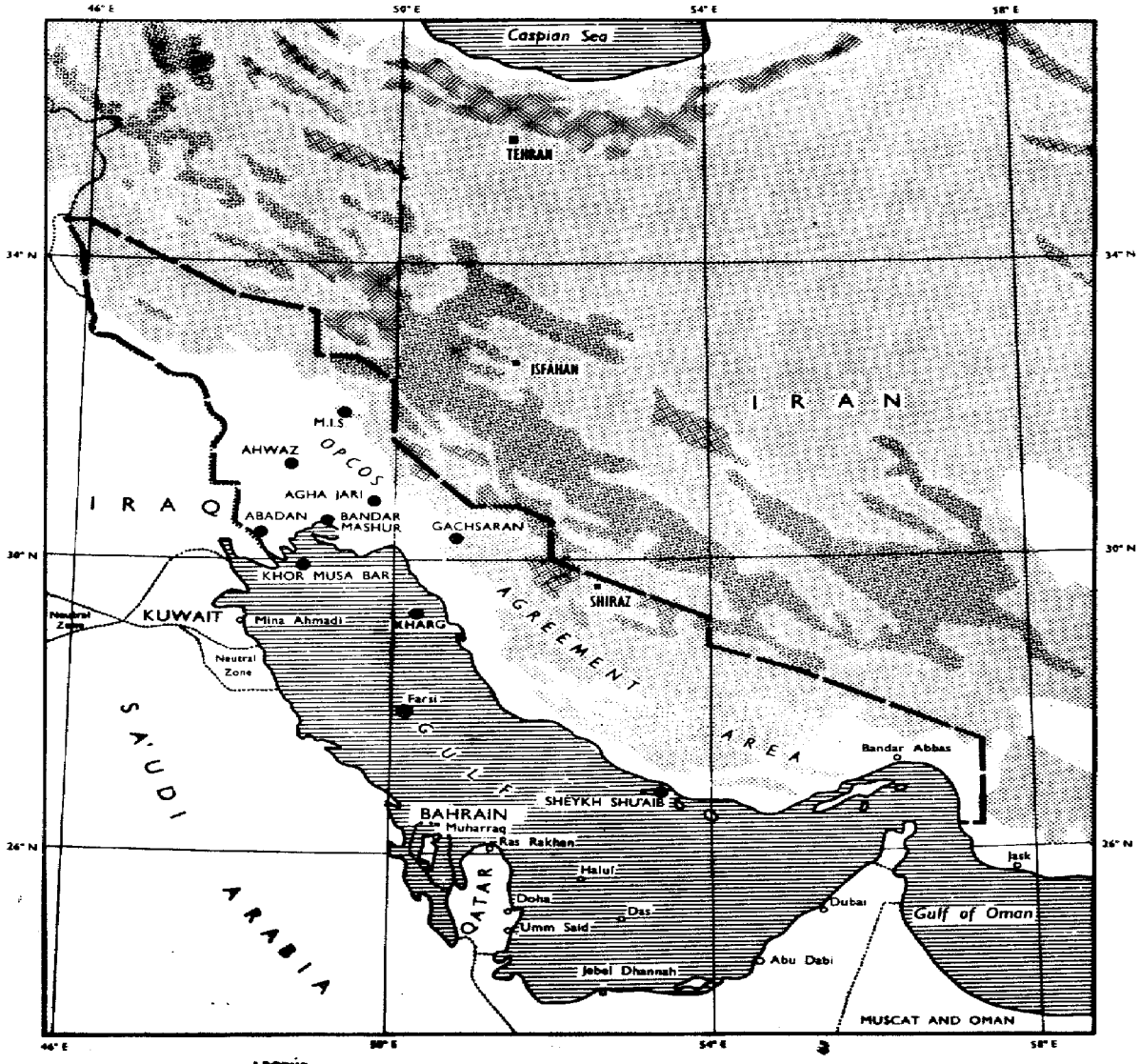
177.

IRANIAN OIL OPERATING COMPANIES'
WEATHER STATIONS

50 0 100 200 300 400 500

Kilometres

SCALE 1 : 8,000,000



LEGEND

Company Weather Station	KHARG
Non - company Weather Station	Jebel Dhanneh
Ground elevation over 500 metres AMSL	
Ground elevation over 2000 metres AMSL	
Companies' Agreement Boundary	
International Boundaries	

NOTE : Khor Musa Bar, weekly recording ombrograph only

NOTE : Boundary extends 3 statute miles offshore from mainland and adjacent islands

Met Form No 1

WEATHER BULLETIN

November 1964.

CONTENTS.

The following stations are included in this bulletin.

Station	Index number	Latitude	Longitude	Height AMSL	Page
Masjid-i-Sulaiman (Airport) 1)	40 812	31°59' N	49°16' E	362 m.	5
Agha Jari (Ummidieh airport) 1)	40 833	30°44' N	49°40' E	29 m.	10
Gach Saran (Du Gombadan airport) 1)	40 835	30°20' N	50°50' E	709 m.	15
Ahwaz (Airport) 2)	-	31°20' N	48°45' E	21 m.	18
Abadan (IOOC airport) 2)	-	30°22' N	48°13' E	3 m.	21
Bandar Mashur (Marine Department) 3)	40 832	30°30' N	49°12' E	3 m.	24
Kharg Island (Airport) 1)	40 845	29°16' N	50°20' E	3 m.	29
Farsi Island (I.I. Navy) 4)	-	28°00' N	50°10' E	3 m.	34
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	36
Khor Musa (Instrument platform) 5)	-	30°00' N	49°02' E	6 m.	41

1) International Synoptic and Aeronautical Station.
2) Climatological and Aeronautical Station.
3) International Synoptic Station.
4) Climatological Station.
5) Wind recording only.

REMARKS.

See "Remarks" in the July 1964 bulletin.

WEATHER.

The following table gives the departures from the normal November values of certain meteorological elements (+ = higher than normal; - = lower than normal).

	Maximum Temperature °C	Minimum Temperature °C	Ground Minimum Temp. °C	Sun Maximum Temperature °C	Sea Temperature °C	Relative Humidity Average of day %	Rainfall % of normal	Station Pressure mb
Masjid-i-Sulaiman	+0.4	+0.2	-0.5	+2.6		-2	20	+0.1
Agha Jari	+1.9	-2.1		+6.0		-9	9	-0.2
Gach Saran	+1.0	-3.1	-1.2	+0.9		-17	25	-0.4
Ahwaz	+1.3	+0.7					0	
Abadan	+0.5	-2.5		+4.1		-15	1	+1.1
Bandar Mashur	+1.0	+0.7		+1.1			1	+0.6
Kharg Island	-0.2	-0.4	+0.5	+4.7		-2	15	+0.3
Sheikh Shu'aib	+0.3	-1.2	-0.3	+3.4	-2.2	±0	0	+0.5

OPTICAL PHENOMENA.

Halo phenomena (22° halo if not otherwise indicated) was observed at Fields Meteorological Stations at the following occasions.

Date	Time	Station	Type	Remarks	Clouds
15th	1445-1605	Abadan	Solar	at 1517 whole upper part with colours	4-8/8 Cirrostratus
	1525	Ahwaz	"		8/8 "
16th	1930	Abadan	Lunar	complete	8/8 "
17th	0055	Gach Saran	"		
	1225	" "	Solar		3/8 "
	1245	Abadan	"	small parts	7/8 "

cont.....

cont....

Date	Time	Station	Type	Remarks	Clouds
18th	0925	Agha Jari	Solar	upper part	8/8 Cirrostratus
	1145	" "	"	" "	8/8 "
	1100-1200	Abadan	"	parts. At 1200 upper and left parts	7/8 "
	1259	Agha Jari	"	upper parts	8/8 "
	1300	Gach Saran	"		5/8 "
19th	1710	Agha Jari	"	upper parts	7/8 "
20th	0845	Ahwaz	"	small part	2/8 "
	1210	Agha Jari	"	upper part	8/8 "

Rainbow was observed at the following occasions.

Date	Time	Station	Remarks
22nd	0700	Gach Saran	towards West

EARTHTREMORS ETC.

Earthtremors were observed at the following occasions.

Date	Time	Station	Remarks
25th	2021	Agha Jari	very slight
28th	0510	" "	observer rushed out in garden. Windows rattled. Accompanied by rumbling noice.

T. Bergquist
Meteorologist
IMCOS Ltd.

/8%

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month : November Year : 1964

Local Time : GMT + 3½ hrs.

STATION	Maximum Wind Velocity: Velocity (kts.)	Maximum Wind Velocity: Direction (degr.)	Maximum Wind Velocity: Date	Station Pressure (QFE) at 0930: Monthly Lowest (mb)	Station Pressure (QFE) at 0930: Date	Station Pressure (QFE) at 0930: Monthly Highest (mb)	Station Pressure (QFE) at 0930: Date	Station Pressure (QFE) at 0930: Monthly Average (mb)	Rainfall: Monthly Total (mm)	Rainfall: Maximum in 24 hrs. (mm)	Rainfall: Date	Humidity: Rel. Hum. 0630 (avr.) (%)	Humidity: Rel. Hum. 1530 (avr.) (%)	Humidity: Rel. Hum. Daily avr. (%)	Humidity: Dew Point Depression at 0930 (°C)	Humidity: Vapour Pressure at 0930 (mb)	Sun Maximum Temperature: Monthly Highest (°C)	Sun Maximum Temperature: Date	Sun Maximum Temperature: Monthly Average (°C)	Sea Temp: Monthly Average (°C)	Ground Min. Temperature: Monthly Lowest (°C)	Ground Min. Temperature: Date	Ground Min. Temperature: Monthly Average (°C)	Minimum Temperature: Monthly Lowest (°C)	Minimum Temperature: Date	Minimum Temperature: Monthly Average (°C)	Maximum Temperature: Monthly Highest (°C)	Maximum Temperature: Date	Maximum Temperature: Monthly Average (°C)
Masjid-i-Sulaiman	36	050	22	972.0	25	979.2	29	976.5	6.7	3.1	27	56	34	45	12.8	10.0	60.2	20	55.5		9.2	29	-2.4	1.1	29	12.6	30.0	1	25.9
Agha Jari	44	300	20	1012.4	22	1021.0	29	1016.6	2.2	1.3	23	50	21	36	16.5	7.7	66.9	1	66.4		8.1	30	-2.6	-1.5	30	9.7	33.0	5	28.1
Gach Saran				932.9	22	938.5	15	936.5	10.8	5.6	28	49	18	33	20.3	5.3	62.5	21	56.8		6.6	29	-2.4	-1.5	29	7.2	28.6	17	24.6
Ahwaz				1011.3	21	1021.3	29	1016.4	Tr.	Tr.	4d	27	58	42	12.1	9.2	61.7	15	57.2		8.7	30	1.5	2.9	29	10.6	31.6	1	27.2
Abadan				1011.1	22	1024.5	29	1018.6	0.3	0.3	22	68	26	47	11.3	11.3	61.7	8	56.4		10.1	30	1.4	2.5	30	11.4	32.6	6	27.5
Bandar Mashur	21	120	21	1013.3	21	1023.0	29	1018.4	0.2	0.1	24	68	34	53	9.2	12.2	62.8	8	56.4		16.2	29	10.9	2.5	29	13.2	31.8	1	26.6
Kharg Island	33	320	23	1013.7	22	1021.9	29	1018.3	5.6	5.6	23	71	49	59	9.1	17.2	67.0	6	61.3		10.9	27		13.0	29	18.7	29.0	5	25.8
Farsi Island	58	300	28	1015.9	22	1020.1	30	1018.0	0.0	0.0	-	69	47	58	11.7	17.3	68.0	7	65.0	24.8	12.8	30		16.1	30	19.3	29.5	7	34.5
Sheikh Shu'aib	46	340	28								-	73															33.2		28.5
Khor Musa	31																												

STATION	Cloudiness: Daily Average	Cloudiness: ≤ 2/8 at 0930	Cloudiness: ≥ 7/8 at 0930	24 Hour Rainfall: ≥ 1 inch	24 Hour Rainfall: ≥ 10 mm	24 Hour Rainfall: 5.0 – 9.9 mm	24 Hour Rainfall: 1.0 – 4.9 mm	24 Hour Rainfall: 0.1 – 0.9 mm	24 Hour Rainfall: ≥ 0.1 mm	Thunderstorms	Dust (Vis.≤1km.)	Fog (Vis.≤1km.)	Horizontal Visibility: ≥ 30 km.	Horizontal Visibility: 15-30 km.	Horizontal Visibility: 5-15 km.	Horizontal Visibility: 2-5 km.	Horizontal Visibility: 1-2 km.	Horizontal Visibility: 500 - 1000 m.	Horizontal Visibility: 200 - 500 m.	Horizontal Visibility: ≤ 200 m.	Minimum Temperature: ≥ 35.0°C.	Minimum Temperature: 30.0 - 34.9°C.	Minimum Temperature: 20.0 - 29.9°C.	Minimum Temperature: 10.0 - 19.9°C.	Minimum Temperature: 0.0 - 9.9°C.	Minimum Temperature: < 0.0°C.	Maximum Temperature: ≥ 45.0°C.	Maximum Temperature: 40.0 - 44.9°C.	Maximum Temperature: 30.0 - 39.9°C.	Maximum Temperature: 20.0 - 29.9°C.	Maximum Temperature: 10.0 - 19.9°C.	Maximum Temperature: < 10.0°C.
Masjid-i-Sulaiman	3.2	15	9	0	0	0	2	3	5	4	1	0	0	6	21	2	0	0	1	0	0	0	0	3	27	0	0	1	25	4	0	0	0
Agha Jari	2.8	17	4	0	0	0	1	1	2	0	1	0	8	12	5	4	0	1	1	0	0	0	1	18	9	2	0	0	16	3	3	3	0
Gach Saran	1.9	20	2	0	0	1	1	2	4	2	0	0	0	20	6	2	2	0	0	0	0	0	0	24	4	2	0	0	24	0	3	3	0
Ahwaz	2.6	20	5	0	0	0	0	0	0	0	4	0	0	16	8	0	2	1	3	0	0	0	0	11	18	0	0	0	19	8	9	18	0
Abadan	2.5	20	4	0	0	0	0	1	1	0	0	4	0	9	10	5	2	2	2	0	0	0	0	1	17	0	0	0	28	0	0	23	0
Bandar Mashur	2.3	19	1	0	0	0	0	2	2	0	0	0	1	21	4	4	0	0	0	0	0	0	0	11	26	3	0	0	0	0	4	0	0
Kharg Island	1.7	21	3	0	0	1	0	0	1	0	0	0	0	26	3	0	1	0	0	0	0	0	0	0	19	0	0	0	0	0	30	0	0
Farsi Island	0.7	26	2	0	0	0	0	0	0	0	0	0	18	10	1	0	0	1	0	0	0	0	0	9	21	0	0	0	0	0	9	21	0
Sheikh Shu'aib																																	

Number of Days With:

Met. Form 2

182.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : November Year : 1964
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Masjid-i-Sulaiman
		Lat : 31°59' N. Long : 49°16' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	16.0	10.2	3.3	7.8	43	975.9	–	0	0	10	28.6	15.3	1.4	6.8	17	977.6	–	0	0	15	1
2	14.4	8.4	0.1	6.2	38	976.9	–	0	0	15	29.8	16.0	5.1	8.8	24	977.2	260	6	0	15	2
3	13.2	7.6	-0.3	6.0	39	976.2	–	0	0	15	26.6	14.6	2.0	7.0	20	975.9	–	0	0	15	3
4	14.1	8.6	1.4	6.8	42	974.1	–	0	1	15	27.1	15.4	4.0	8.2	23	974.4	270	5	1	15	4
5	18.5	11.0	2.2	7.2	34	974.4	060	6	7	15	27.5	17.4	9.3	11.8	32	974.6	090	5	7	15	5
6	21.0	15.0	10.0	12.3	49	973.7	–	0	2	8	26.6	20.6	17.1	19.5	56	973.8	–	0	7	10	6
7	20.3	14.8	10.3	12.5	52	975.7	–	0	0	30	28.0	18.4	11.4	13.5	36	976.1	–	0	0	30	7
8	16.0	11.5	7.0	10.0	55	976.9	–	0	0	15	27.8	18.0	10.6	12.8	34	977.2	270	10	0	20	8
9	15.0	10.6	5.9	9.4	55	976.6	–	0	0	20	27.4	18.2	11.4	13.5	37	976.5	270	2	0	20	9
10	15.2	11.4	7.5	10.5	61	976.6	–	0	0	12	27.2	16.7	7.8	10.6	29	976.3	260	8	0	15	10
11	14.8	10.0	4.4	8.4	50	975.4	–	0	0	10	25.8	16.5	7.8	10.6	30	975.3	280	5	0	10	11
12	15.0	10.0	4.3	8.3	49	974.5	–	0	0	12	26.1	16.8	9.3	11.7	35	974.6	260	5	0	15	12
13	13.6	10.4	7.1	10.1	65	975.3	–	0	0	10	26.2	17.4	10.7	12.9	38	975.6	330	3	1	15	13
14	14.0	9.8	5.1	8.8	55	976.2	–	0	0	12	28.1	14.7	-0.1	6.1	16	976.0	300	5	3	12	14
15	14.0	8.6	1.7	6.9	43	977.1	–	0	0	8	25.6	13.2	-1.7	5.3	16	977.9	–	0	7	10	15
16	13.6	8.2	1.1	6.6	42	976.9	–	0	6	10	26.4	13.8	-0.9	5.7	17	976.6	290	8	6	12	16
17	13.2	7.6	-0.4	6.0	39	976.5	–	0	6	8	26.0	14.0	0.6	6.4	19	976.1	–	0	8	10	17
18	14.3	8.4	0.3	6.3	39	974.9	–	0	5	10	25.6	14.5	3.2	7.7	23	976.0	–	0	7	10	18
19	13.8	8.4	1.2	6.8	43	976.0	–	0	2	10	26.2	14.6	2.7	7.4	22	975.8	–	0	1	10	19
20	18.2	11.4	3.8	8.0	38	976.1	040	4	8	15	27.2	15.6	4.6	8.5	24	973.7	150	12	3	25	20
21	19.6	13.0	6.6	9.7	42	972.8	–	0	7	15	27.0	17.2	9.3	11.8	33	970.9	120	8	7	30	21
22	21.5	15.4	10.4	12.7	49	969.1	090	10	6	2	19.9	16.3	13.7	15.7	67	970.1	080	20	6	12	22
23	17.0	16.0	15.3	17.4	90	972.5	–	0	4	8	21.5	17.5	14.7	16.8	65	974.2	170	4	2	8	23
24	13.2	11.2	9.3	11.7	77	975.2	–	0	3	10	23.7	17.0	12.0	14.0	48	973.9	–	0	5	12	24
25	18.0	17.9	17.8	20.5	99	970.3	180	5	1	6	21.4	17.9	15.6	17.8	70	971.5	230	10	1	10	25
26	12.2	9.3	6.1	9.4	66	975.6	–	0	8	10	18.5	11.1	2.4	7.3	34	974.2	–	0	8	20	26
27	12.1	9.1	5.7	9.2	65	971.4	–	6	0	15	15.7	10.4	4.4	8.4	47	970.9	150	20	8	30	27
28	4.2	3.3	2.0	7.1	86	976.2	–	0	0	10	11.6	7.5	2.2	7.2	53	978.6	–	0	0	8	28
29	3.0	2.3	1.2	6.7	89	978.6	–	0	0	10	13.0	8.6	3.7	7.7	51	977.8	300	5	6	15	29
30	3.7	2.4	0.4	6.3	79	977.1	–	0	0	10	16.9	10.4	2.7	7.4	38	978.2	–	0	0	12	30
31																					31
Av.	14.4	10.1	5.0	9.2	56	975.2	–	1	2	12	24.3	15.2	6.6	10.3	35	975.3	–	5	3	15	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8
Fair : Average of cloudiness = 1/8 – 2/8
P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8
Cloudy : Average of cloudiness = 6/8 – 7/8
O – cast : Overcast. Average of cloudiness = 8/8
Haze : Visibility reduced by dry particles
Mist : Visibility reduced by wet particles
Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Masjid-i-Sulaiman

Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°59' N. | Long : 49°16' E.

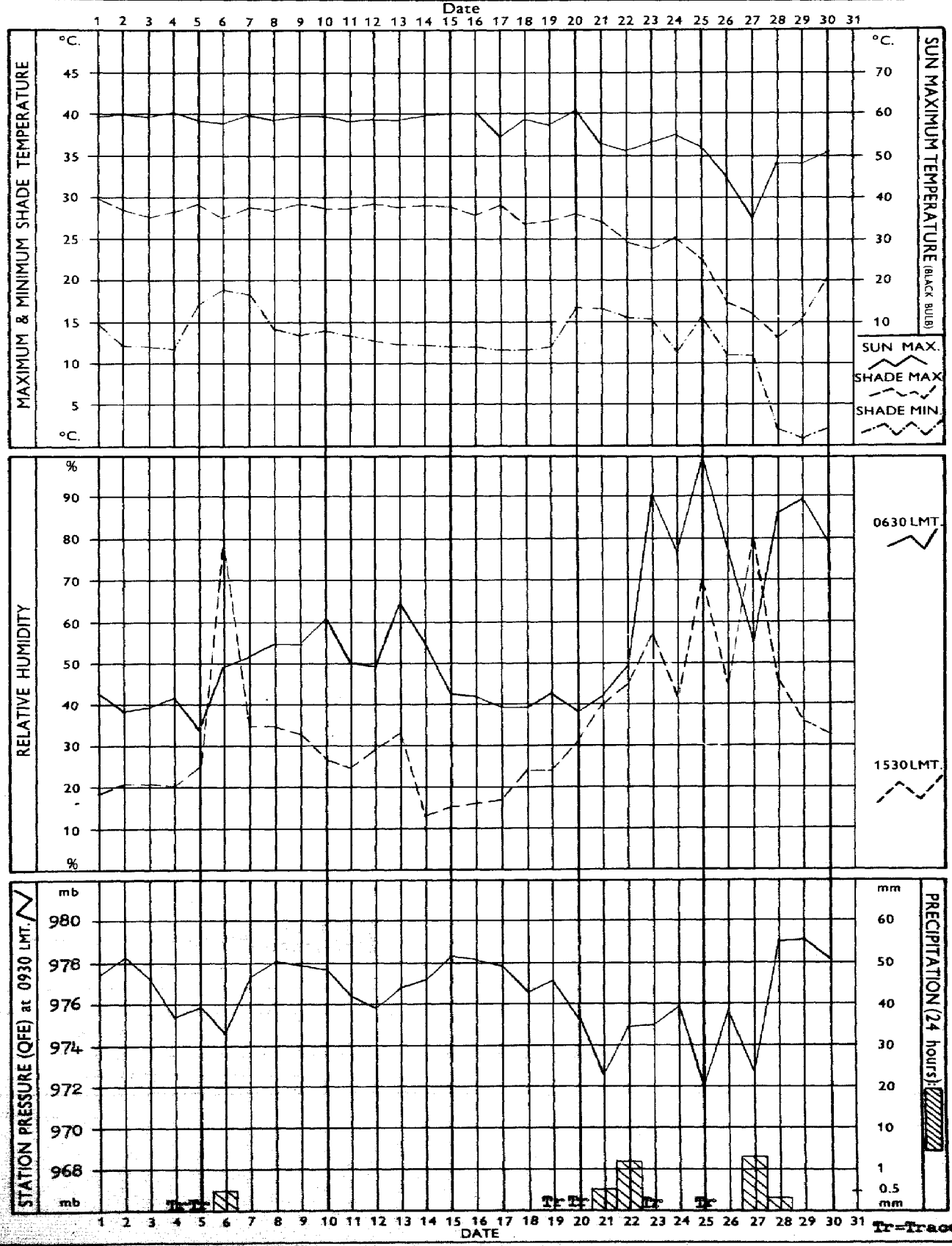
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
24.0	14.0	3.8	8.0	27	976.7	–	0	0	15		30.0	14.6	10.3	59.2	260	15	0	Haze	1
21.8	13.2	4.3	8.3	32	976.7	300	3	0	15		28.6	12.3	8.3	60.0	270	12	0	Clear	2
22.5	13.9	2.7	7.4	27	974.6	260	2	0	15		27.8	12.0	7.2	59.2	250	13	0	"	3
23.4	14.0	4.7	8.6	30	973.2	–	0	5	15		28.3	11.7	8.6	60.2	150	7	Tr.	Rainsh.	4
26.3	16.3	7.7	10.6	31	971.9	–	0	8	15		29.2	17.0	15.3	58.2	050	18	Tr.	Rain	5
22.6	16.4	11.6	13.7	50	974.1	070	10	7	10		27.6	18.9	15.3	57.6	070	25	0.5	Th.storm	6
23.8	15.6	8.6	11.2	38	975.2	–	0	0	20		28.8	18.4	15.1	59.8	050	15	0	Clear	7
22.4	15.4	9.5	11.9	44	976.4	–	0	0	30		28.4	14.2	10.3	58.4	260	12	0	"	8
22.2	16.4	11.9	14.1	53	975.9	–	0	0	20		29.2	13.5	9.0	59.2	290	14	0	"	9
22.4	15.0	8.6	11.2	41	975.3	290	2	1	15		28.7	14.0	8.8	59.2	240	9	0	"	10
22.1	15.1	9.1	11.6	44	974.6	–	0	0	20		28.8	13.6	8.6	58.2	260	8	0	Haze	11
22.2	15.4	9.7	12.1	46	974.1	–	0	0	15		29.2	12.9	8.3	58.5	240	9	0	Clear	12
22.3	15.2	9.1	11.6	43	975.3	310	2	3	20		28.7	12.4	7.9	58.2	250	9	0	Mist	13
22.0	12.6	2.2	7.2	27	976.4	–	0	0	10		29.0	12.4	8.6	59.2	250	6	0	Haze	14
22.5	12.2	−0.3	6.0	22	976.7	–	0	8	12		28.9	12.1	7.6	60.0	310	7	0	"	15
21.0	12.2	2.2	7.2	29	976.0	–	0	5	15		28.0	12.0	7.6	60.0	230	6	0	"	16
21.8	14.6	8.2	10.9	42	975.2	–	0	7	12		29.1	11.8	6.3	54.4			0	"	17
21.0	12.2	2.2	7.2	29	975.2	–	0	8	15		26.9	11.8	6.4	58.0	240	8	0	"	18
22.3	13.3	3.9	8.1	30	975.4	–	0	7	20		27.2	12.0	7.4	57.1	060	22	Tr.	Rain	19
23.8	15.4	8.1	10.8	37	972.8	–	0	8	3		28.1	16.8	15.7	60.2	150	18	Tr.	Th.storm	20
24.4	18.0	13.5	15.5	50	970.6	150	2	x	0.5		27.2	16.8	13.9	53.0	070	23	0.5	Rainsh.	21
23.9	15.8	8.9	11.5	39	968.6	130	12	6	40		24.8	15.6	13.2	51.2	050	36	2.3	Th.storm	22
18.0	14.3	11.1	13.2	63	974.0	210	2	1	15		23.9	15.3	13.3	53.2	170	10	Tr.	Mist	23
22.6	16.4	11.6	13.7	50	971.8	120	5	7	20		25.2	11.5	10.0	54.7	130	10	0	"	24
16.4	13.2	10.4	12.7	68	972.2	210	5	2	6		22.8	15.6	16.4	52.1	160	25	Tr.	Th.storm	25
14.2	9.9	5.0	8.8	54	973.5	–	0	3	40		17.3	11.3	10.8	45.0	270	11	0	Haze	26
12.2	11.8	11.4	13.5	95	970.6	300	10	8	6		16.1	11.0	10.1	35.2	260	21	3.1	Rain	27
9.0	6,0	1.7	7.0	61	977.5	300	5	0	6		13.3	2.1	0.0	48.0	280	7	0.3	Mist	28
11.3	9.2	1.7	6.9	51	976.9	270	2	0	20		15.5	1.1	−2.4	48.0	290	10	0	Haze	29
14.6	9.6	3.7	8.0	48	978.4	–	0	0	15		20.2	2.1	−1.7	51.0			0	Mist	30
																			31
20.6	13.8	6.7	10.3	43	974.5	–	2	3	16		25.9	12.6	9.2	55.5			6.7		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

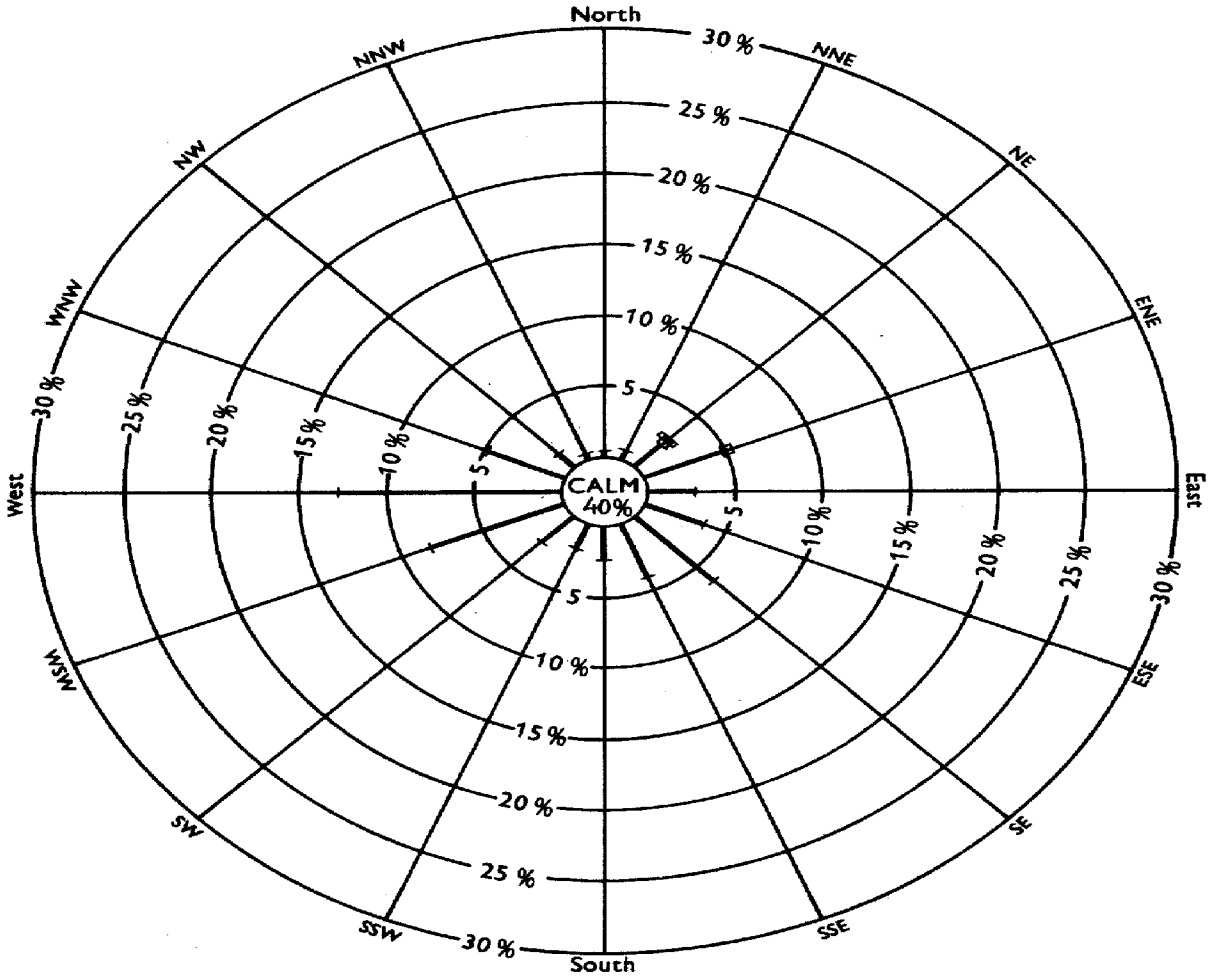
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : November	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



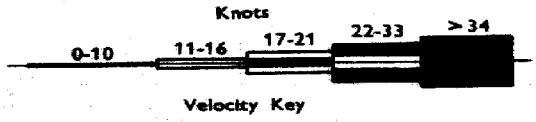
Met. Form 4

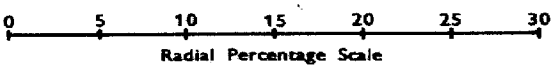
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : November	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Hours in month 720

Hours recorded 720





Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

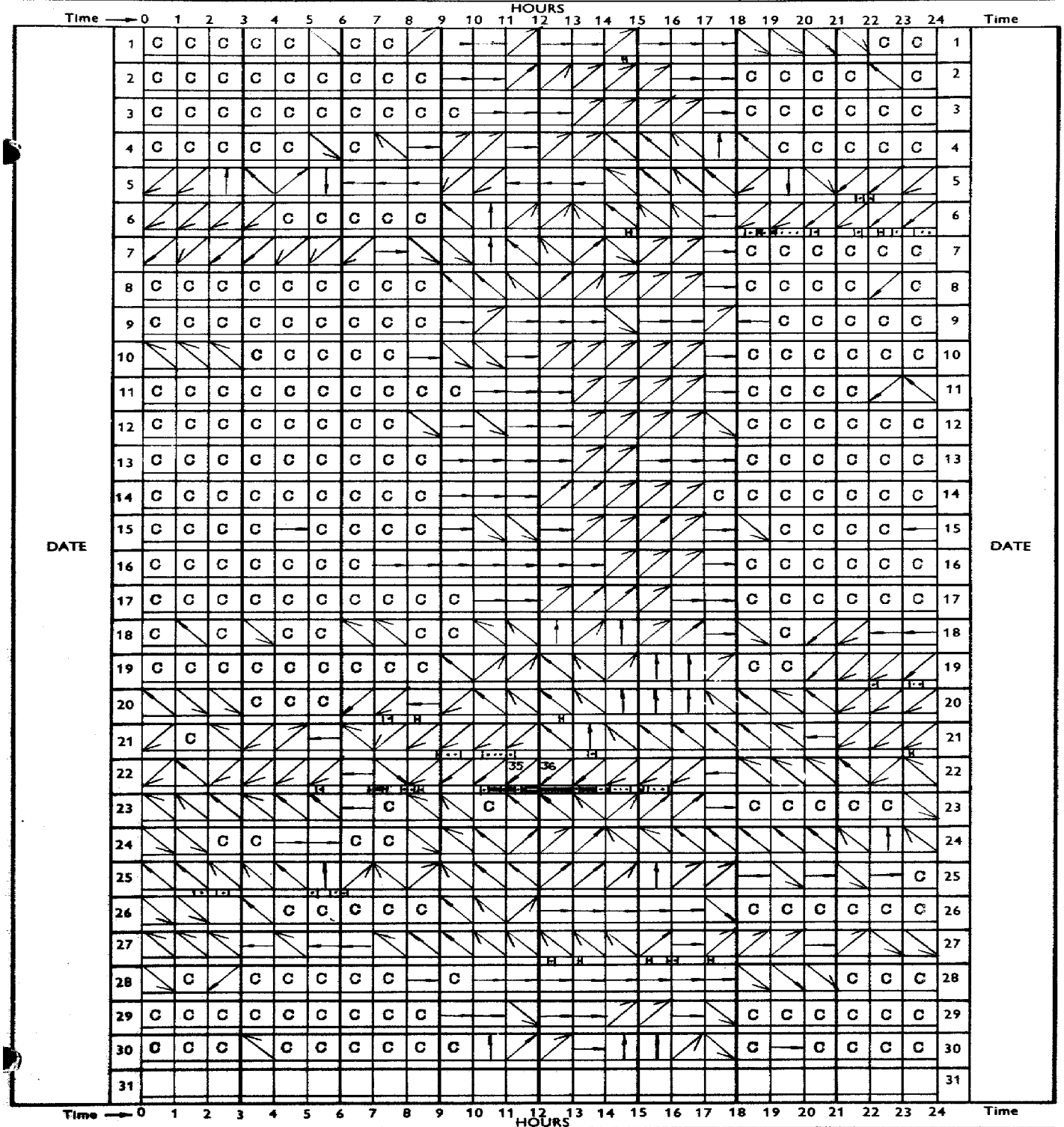
2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

Met. Form 5

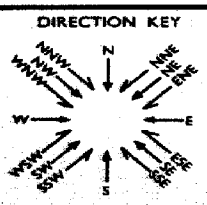
188.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : November	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



3 4 40

Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

187.

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Agha Jari

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long : 49°40' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	11.0	6.4	-0.3	6.0	46	1014.2	–	0	0	30	30.0	15.5	-0.3	6.0	14	1015.7	–	0	0	40	1
2	9.6	6.5	2.2	7.2	60	1017.2	–	0	0	30	27.5	13.6	-3.8	4.5	12	1017.2	330	2	0	30	2
3	6.6	1.5	-9.7	2.7	28	1016.2	–	0	0	30	27.4	14.2	-0.9	5.7	16	1015.8	–	0	0	30	3
4	8.3	2.8	-8.2	3.1	28	1013.9	–	0	1	30	28.5	14.5	-1.7	5.4	14	1014.3	–	0	1	30	4
5	12.0	6.2	-2.7	5.0	36	1014.0	–	0	6	20	30.6	15.0	-2.7	5.0	12	1014.3	130	11	5	20	5
6	22.8	14.7	7.3	10.3	37	1012.8	140	4	6	30	29.5	21.2	16.3	18.7	45	1012.7	150	20	8	2	6
7	15.5	12.1	8.9	11.4	65	1014.5	–	0	2	6	29.6	19.0	11.4	13.5	33	1015.6	310	2	0	10	7
8	12.8	8.0	1.7	6.9	47	1016.3	–	0	0	15	31.1	17.0	4.1	8.2	18	1016.2	340	12	0	30	8
9	9.5	5.0	-2.2	5.1	43	1016.0	140	6	0	20	28.6	15.3	1.5	6.8	17	1015.9	320	6	0	30	9
10	10.1	5.7	-0.9	5.7	46	1017.0	–	0	0	20	25.6	14.1	1.7	6.9	21	1016.5	290	4	0	20	10
11	8.5	4.4	-2.2	5.1	46	1015.3	–	0	0	30	26.6	14.5	1.7	6.9	20	1015.1	230	5	0	30	11
12	8.2	4.4	-1.7	5.3	49	1014.8	130	2	0	20	25.7	14.6	3.3	7.8	24	1014.4	–	0	0	20	12
13	9.0	4.9	-1.6	5.4	47	1015.2	–	0	0	30	26.6	14.2	0.4	6.3	18	1015.4	310	2	0	30	13
14	11.1	5.5	-3.8	4.5	34	1016.0	–	0	0	20	28.2	15.1	1.1	6.7	18	1015.5	–	0	0	20	14
15	11.2	5.9	-2.2	5.1	38	1017.0	–	0	0	20	27.9	14.4	-1.1	5.6	15	1017.2	360	5	0	30	15
16	8.3	3.1	-6.7	3.5	32	1016.7	–	0	6	20	27.4	13.6	-3.4	4.6	13	1016.6	360	6	3	30	16
17	9.0	3.9	-5.1	4.0	35	1016.6	–	0	2	30	26.7	13.6	-2.2	5.1	14	1015.8	–	0	3	30	17
18	10.0	5.2	-2.4	5.0	41	1016.0	–	0	8	20	28.0	14.0	-3.0	4.8	13	1015.6	180	6	8	30	18
19	9.7	5.6	-0.5	5.9	49	1015.6	–	0	1	30	27.7	14.1	-2.1	5.2	14	1015.4	180	14	1	30	19
20	20.3	12.1	2.8	7.6	32	1015.0	120	8	6	2	28.5	14.5	-1.7	5.4	14	1013.1	140	20	8	2	20
21	14.6	9.8	4.3	8.4	50	1013.3	140	4	4	15	29.9	15.7	0.7	6.5	15	1010.5	140	16	4	12	21
22	15.5	13.0	10.8	13.0	74	1010.0	140	11	6	10	26.6	17.5	10.6	12.8	37	1010.5	140	17	7	30	22
23	17.2	15.8	14.8	16.8	86	1012.7	310	4	5	15	23.0	18.6	15.8	18.0	64	1014.6	–	0	3	15	23
24	14.1	11.0	7.8	10.6	66	1014.9	–	0	3	15	26.0	17.6	11.3	13.4	40	1013.8	140	5	3	30	24
25	20.5	19.1	18.3	21.0	87	1011.6	250	10	8	12	19.4	15.3	12.1	14.1	63	1013.1	320	2	0	4	25
26	9.1	6.7	3.7	8.0	69	1015.3	–	0	5	15	21.2	12.0	1.1	6.7	27	1015.0	360	5	2	30	26
27	9.5	6.8	3.3	7.8	66	1012.8	–	0	3	30	21.1	12.7	3.7	8.0	32	1012.9	170	10	6	30	27
28	7.0	3.6	-2.1	5.2	52	1017.8	320	6	0	12	14.2	7.0	-4.4	4.3	26	1019.8	330	10	0	2	28
29	1.1	-1.2	-6.1	3.7	56	1020.5	–	0	1	7	15.2	7.8	-3.3	4.7	27	1019.5	320	10	5	10	29
30	-1.0	-2.5	-6.0	3.7	69	1019.2	–	0	0	30	15.6	8.3	-2.2	5.1	29	1019.5	–	0	0	30	30
31																					31
Av.	11.0	6.9	0.7	7.1	50	1015.3	–	2	2	20	25.8	14.5	2.1	7.8	24	1015.3	–	6	2	23	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Agha Jari

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long : 49°40' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
24.3	12.5	-2.2	5.1	17	1015.6	310	8	0	40		32.2	9.8	8.3	66.9			0	Clear	1
20.1	10.0	-4.7	4.2	18	1016.3	–	0	0	30		29.4	7.4	5.9	61.8			0	"	2
20.1	10.9	-1.1	5.7	24	1013.6	–	0	0	30		30.0	6.4	4.9	62.1			0	"	3
21.6	10.8	-4.3	4.3	17	1012.7	–	0	4	30		30.3	7.4	4.6	65.2	170	12	0	P.Cloudy	4
28.3	16.5	6.0	9.4	25	1011.8	150	15	7	15		33.0	11.4	9.6	64.5	170	24	0	Haze	5
26.5	21.8	19.2	22.3	64	1012.8	180	6	7	7		30.2	21.1	19.8	64.2	180	29	0	"	6
23.2	14.2	5.4	9.0	32	1014.4	330	2	0	10		31.1	14.8	13.1	64.2	330	15	0	"	7
24.1	14.0	3.7	7.9	27	1015.4	330	6	0	30		32.0	11.1	10.0	64.6	360	25	0	Clear	8
23.5	12.8	0.1	6.2	21	1014.8	320	4	0	20		31.4	8.8	7.9	65.5	330	22	0	"	9
22.5	12.0	-0.9	5.7	21	1014.6	320	6	0	20		29.9	9.3	7.4	63.4	340	17	0	"	10
22.4	12.5	1.1	6.6	24	1013.9	–	0	0	20		29.2	7.7	6.0	62.0			0	"	11
22.7	13.0	2.2	7.2	26	1013.4	–	0	0	20		29.0	7.4	5.7	62.0			0	"	12
22.7	12.5	0.6	6.4	23	1014.6	310	3	0	30		29.1	8.1	6.0	59.5	330	12	0	"	13
22.5	12.0	-0.9	5.7	21	1015.1	–	0	0	20		31.0	7.8	6.1	65.0	200	9	0	"	14
21.4	11.0	-3.1	4.8	19	1016.2	–	0	7	30		30.6	6.6	5.4	63.9	360	8	0	P.Cloudy	15
20.8	11.4	-0.1	6.0	25	1015.5	320	3	5	30		29.9	6.6	5.3	64.0	330	16	0	"	16
21.3	12.2	1.7	7.0	28	1015.2	–	0	7	30		29.4	6.6	5.1	65.5	290	6	0	"	17
18.8	9.4	-4.4	4.3	20	1014.8	–	0	3	30		28.9	6.8	5.0	64.0	210	11	0	Cloudy	18
19.6	10.3	-2.2	5.1	22	1014.7	–	0	8	30		29.0	8.9	7.0	63.5	180	17	0	P.Cloudy	19
23.8	16.0	9.6	12.0	41	1011.7	150	10	5	20		29.5	17.1	15.5	60.8	300	44	0	Haze	20
22.6	19.0	16.8	19.1	69	1010.8	170	6	2	6		30.7	13.1	13.5	61.0	210	29	0	Sandst.	21
24.0	18.4	14.7	16.7	56	1008.7	140	13	6	15		29.5	14.6	13.1	49.1	160	28	0	Haze	22
20.3	16.0	12.8	14.8	62	1013.9	–	0	4	20		24.8	16.0	15.4	50.5			1.3	Rain	23
21.4	17.5	14.8	16.9	66	1011.6	140	6	3	30		27.4	12.6	11.2	59.6	180	26	0	P.Cloudy	24
19.1	13.0	7.1	10.1	46	1012.8	290	10	8	6		24.0	16.4	16.0	54.0	360	13	0.9	Rain	25
17.1	13.3	9.9	12.3	63	1013.7	–	0	4	30		22.2	8.1	7.1	54.4	350	15	0	P.Cloudy	26
19.1	12.6	6.1	9.4	43	1011.6	210	12	8	30		21.8	8.6	6.8	50.9	340	24	0	Cloudy	27
11.0	5.2	-4.4	4.3	33	1019.6	310	6	0	6		19.2	5.6	4.1	40.6	310	25	0	Haze	28
11.1	4.9	-6.1	3.7	28	1018.3	320	10	0	20		18.0	-1.4	-0.3	48.5	310	21	0	"	29
13.4	7.0	-2.7	5.0	32	1019.3	–	0	0	30		19.5	-1.5	-2.6	51.3	310	12	0	Clear	30
																			31
21.0	12.8	3.2	8.6	34	1014.2	–	4	3	23		28.1	9.7	8.1	66.4			2.2		Av.

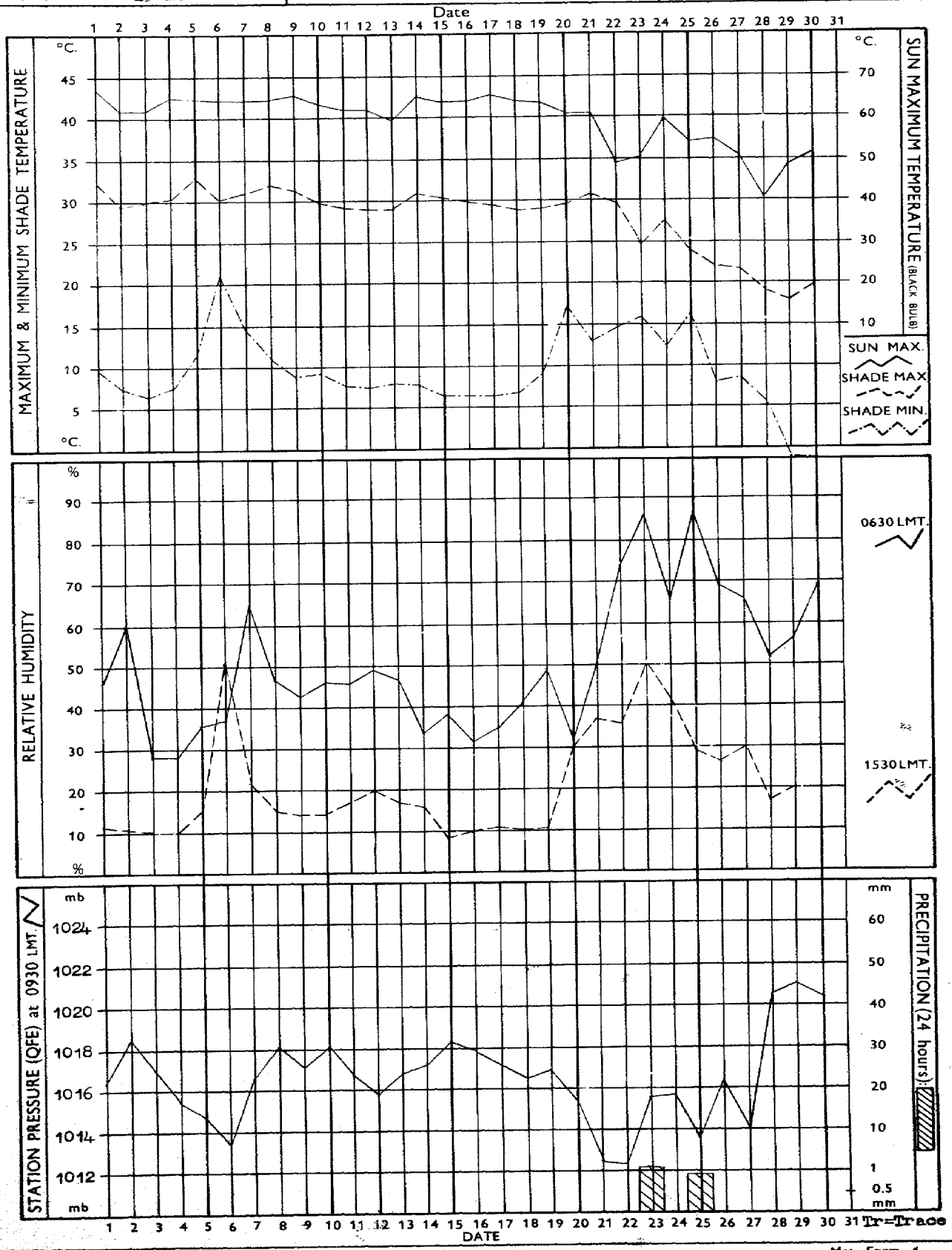
CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

189

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : November	Year : 1964
		Station: Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.

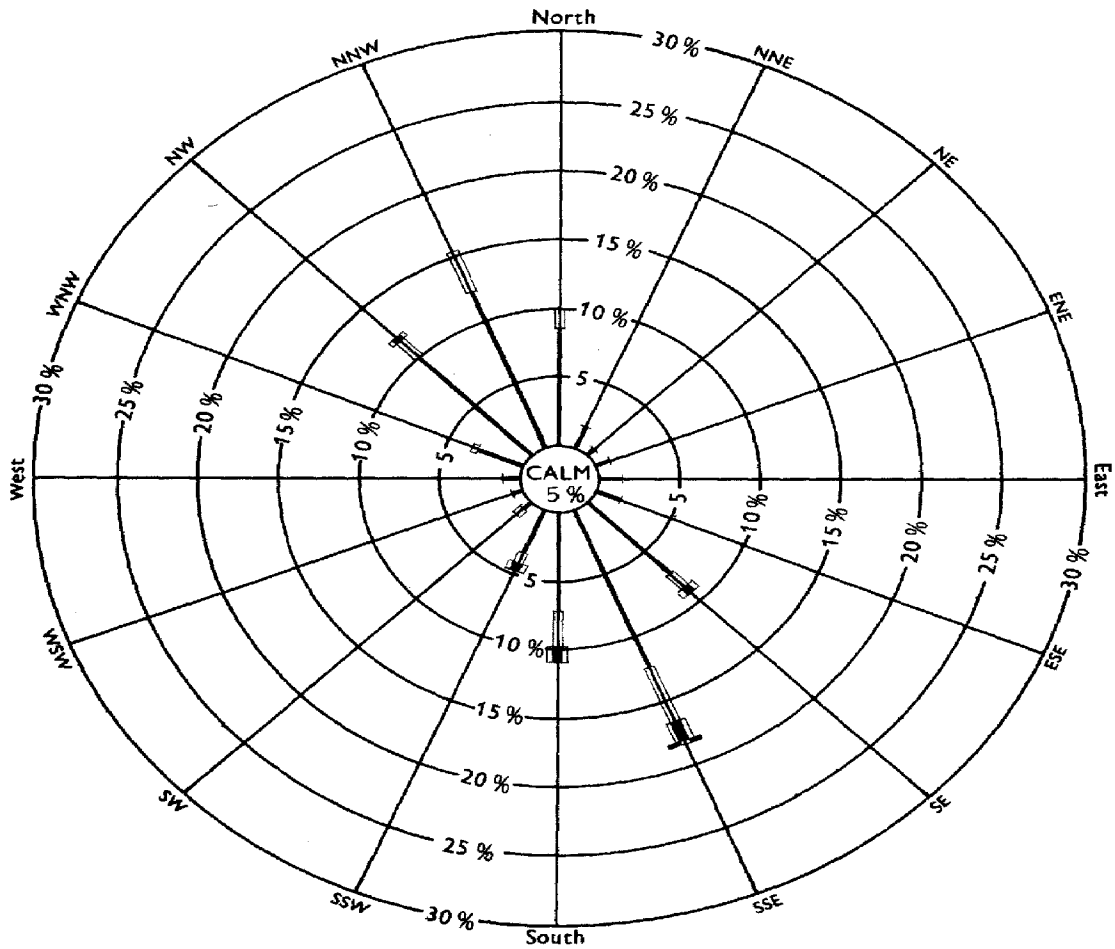


Tr=Trace

Met. Form 4

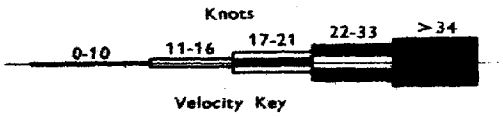
190.

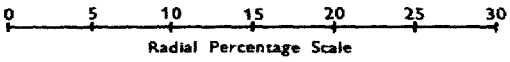
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : November	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Hours in month 720

Hours recorded 697



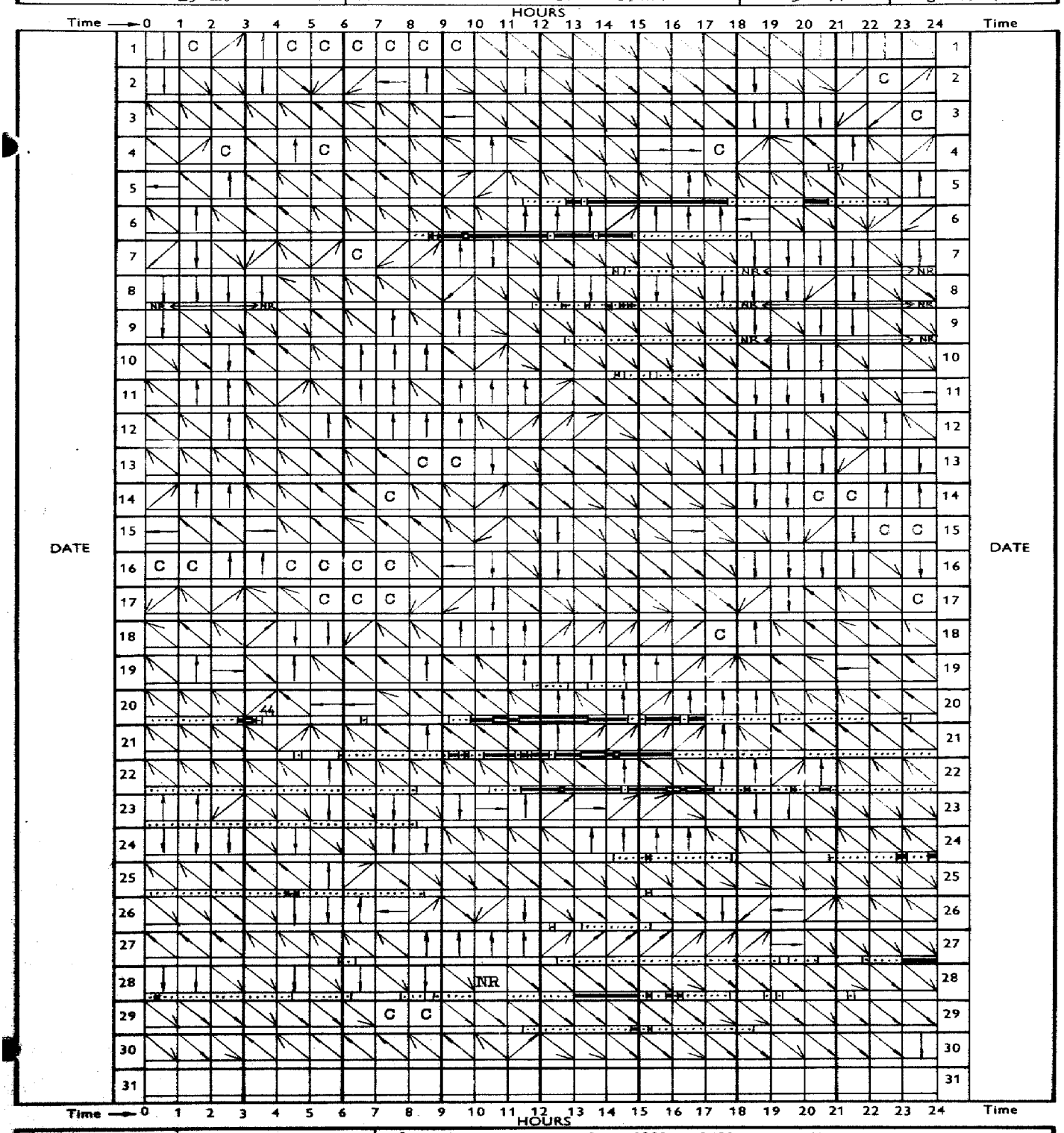


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : November	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



VELOCITY KEY	DIRECTION KEY
C Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW
1-10 Knots	
11-16	
17-21	
22-33	
> 34	
NR No Record.	

3 40 4 Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks : Tested and checked on 4th at 0955-1030 local time.
Overhauled and checked on 28th at 1015-1115 local time.

IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month : November Year : 1964
Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	10.5	5.0	-4.3	4.3	34	936.1	-	0	0	20	26.7	13.2	-4.0	4.4	13	936.4	110	10	0	20	1
2	8.9	4.2	-3.8	4.5	40	937.3	-	0	0	20	25.6	12.1	-7.2	3.3	10	937.2	160	6	0	20	2
3	6.5	2.6	-4.4	4.3	45	936.3	-	0	0	20	23.4	13.1	-1.8	5.3	16	935.5	-	0	0	25	3
4	6.5	1.5	-9.3	2.8	29	934.5	-	0	0	20	25.8	11.6	-11.7	2.3	7	934.6	-	0	1	20	4
5	11.4	5.0	-6.3	3.6	27	935.4	-	0	1	20	26.8	12.4	-8.9	2.9	8	935.2	150	7	2	20	5
6	17.0	9.3	-1.2	5.5	29	935.7	-	0	5	20	26.7	13.2	-4.0	4.4	13	934.6	180	7	7	20	6
7	12.9	9.0	4.4	8.4	56	935.6	-	0	2	25	25.4	13.3	-1.1	5.6	17	935.3	280	10	0	40	7
8	8.7	4.0	-4.0	4.4	39	936.7	-	0	0	20	26.0	13.0	-3.5	4.6	14	936.3	270	14	0	20	8
9	8.3	4.0	-3.2	4.7	43	936.2	-	0	0	15	25.5	12.0	-2.4	5.0	15	935.6	260	12	0	20	9
10	7.0	2.7	-5.2	4.0	40	937.0	-	0	0	20	24.5	12.4	-3.2	4.7	15	935.8	-	0	0	20	10
11	7.5	3.5	-3.3	4.7	45	935.4	-	0	0	15	25.9	13.2	-2.3	5.1	16	935.0	-	0	0	20	11
12	7.5	3.5	-3.2	4.7	45	934.8	-	0	0	14	25.8	12.3	-5.7	3.8	12	934.3	-	0	0	20	12
13	7.0	3.5	-2.2	5.1	51	935.5	-	0	0	20	25.5	11.7	-9.8	2.7	8	935.4	150	8	0	30	13
14	8.4	3.4	-5.6	3.8	35	936.5	-	0	0	20	26.0	12.9	-3.3	4.4	13	935.8	-	0	0	30	14
15	7.6	2.9	-5.7	3.8	36	937.7	-	0	1	20	26.1	12.6	-5.6	3.5	11	937.2	130	2	0	30	15
16	5.6	1.1	-8.4	3.0	33	937.2	-	0	3	20	25.6	12.5	-5.1	4.0	12	936.3	-	0	2	30	16
17	6.8	2.0	-7.7	3.2	32	937.1	-	0	2	20	26.4	12.1	-5.4	2.7	8	936.3	130	5	3	30	17
18	6.0	1.7	-6.7	3.5	38	936.0	-	0	5	20	25.3	12.5	-4.7	4.3	13	935.8	150	6	5	30	18
19	8.4	2.1	-12.7	2.1	19	936.0	150	6	0	20	24.5	10.6	-14.7	1.7	6	935.9	120	8	0	30	19
20	12.0	5.0	-7.9	3.1	22	935.8	-	0	1	20	23.6	10.6	-11.1	2.4	8	935.6	160	8	5	30	20
21	7.5	2.6	-6.8	3.5	34	934.4	-	0	2	30	23.7	11.0	-8.4	3.0	10	932.5	110	7	3	30	21
22	11.5	8.5	5.0	8.7	64	931.8	120	6	4	15	24.0	12.7	-1.0	5.6	19	932.3	-	0	3	40	22
23	16.0	11.5	7.0	10.0	55	933.6	150	13	8	10	19.5	12.5	5.3	8.9	39	934.1	120	15	5	20	23
24	11.7	9.5	7.2	10.1	74	934.8	-	0	4	20	21.7	13.9	6.4	9.6	37	934.3	130	10	6	20	24
25	15.9	12.7	9.7	12.1	67	933.1	060	6	8	8	17.3	14.5	12.3	14.3	72	932.5	150	11	7	20	25
26	7.9	7.2	6.4	9.6	90	933.4	-	0	6	1.7	15.2	8.4	-1.0	5.6	33	932.1	250	8	1	18	26
27	4.0	2.6	0.3	6.2	77	932.0	-	0	2	30	13.4	8.1	1.0	6.6	43	932.2	120	5	7	20	27
28	8.1	7.8	7.5	10.4	96	934.2	260	8	7	4	11.7	6.8	-0.2	6.0	44	935.0	270	7	1	12	28
29	-0.6	-1.0	-1.6	5.4	93	936.3	-	0	0	12	13.1	6.8	-2.7	4.9	33	935.2	280	5	3	15	29
30	-0.2	-0.9	-2.2	5.2	87	936.9	-	0	0	20	18.5	7.5	-15.9	1.5	7	936.5	130	15	0	40	30
31																					31
Av.	8.5	4.6	-2.3	5.5	49	935.4	-	1	2	18	23.0	11.7	-4.1	4.8	19	935.1	-	6	2	25	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8
Fair : Average of cloudiness = 1/8 – 2/8
P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8
Cloudy : Average of cloudiness = 6/8 – 7/8
O – cast : Overcast. Average of cloudiness = 8/8
Haze : Visibility reduced by dry particles
Mist : Visibility reduced by wet particles
Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month : November Year : 1964
Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

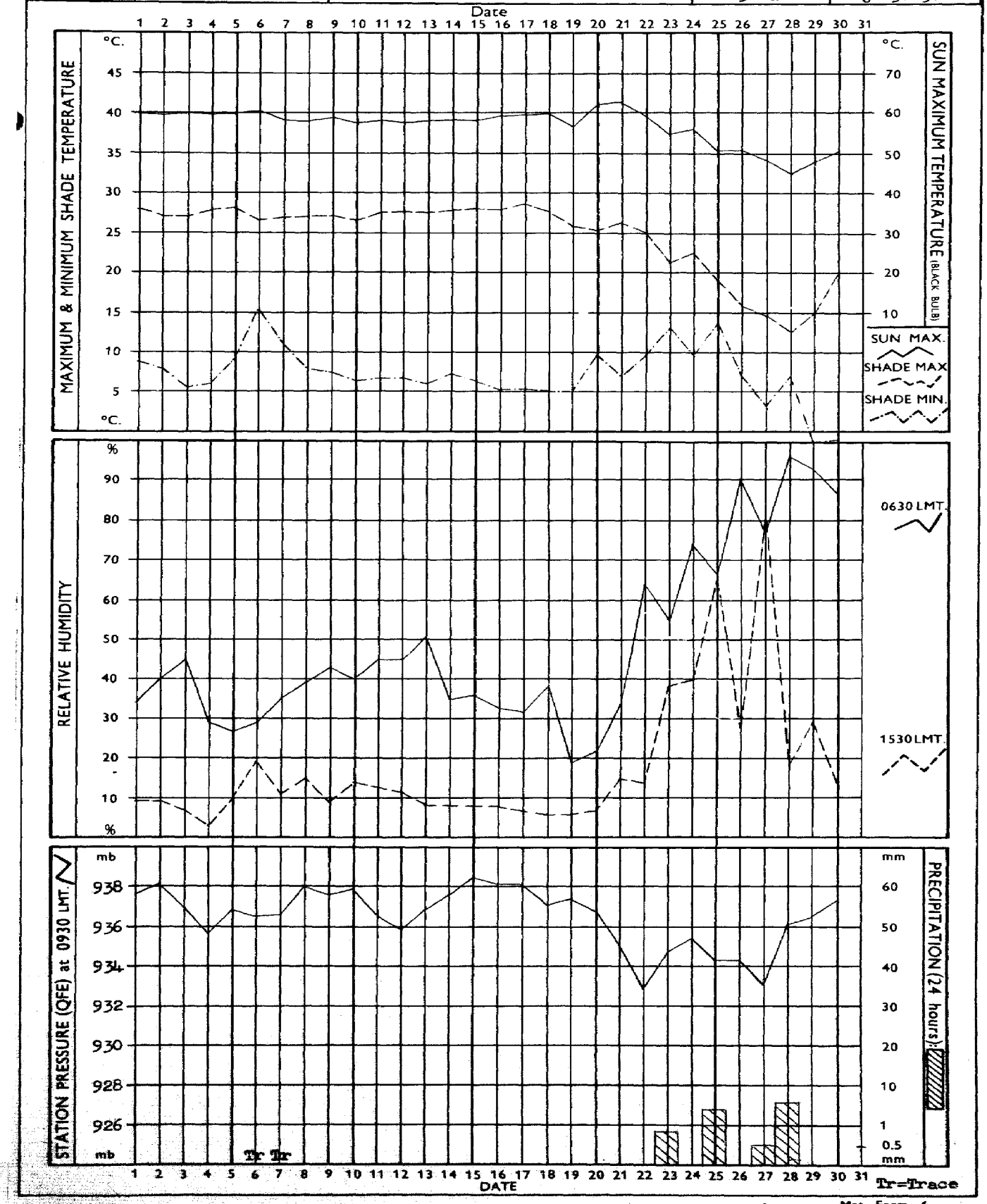
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
21.4	10.7	-4.3	4.3	17	936.4	280	6	0	25		28.0	8.9	8.4	59.9			0	Clear	1
18.4	8.9	-5.7	3.8	18	936.4	290	5	0	20		27.0	8.0	7.9	59.5			0	"	2
18.4	9.3	-3.8	4.5	21	934.2	–	0	0	15		26.9	5.6	5.0	59.9			0	"	3
19.5	10.0	-3.2	4.7	21	933.9	–	0	1	20		27.8	5.9	5.4	59.6			0	"	4
23.4	12.6	-0.1	6.0	21	935.2	–	0	2	20		28.1	9.1	8.5	60.0			0	Fair	5
22.4	13.4	4.0	8.2	30	933.6	130	6	6	15		26.6	15.6	14.3	60.5			Tr.	Rain	6
21.1	11.0	-2.4	5.0	20	935.1	290	6	0	40		26.9	11.5	10.6	58.0			Tr.	Clear	7
21.7	11.7	-0.6	5.8	22	935.5	280	13	0	14		27.0	8.0	7.9	58.0			0	"	8
21.1	10.6	-3.9	4.4	18	935.5	270	9	0	20		27.1	7.6	7.3	58.8			0	"	9
19.3	10.3	-1.7	5.3	24	935.3	270	7	0	20		26.4	6.4	6.1	57.5			0	"	10
19.8	11.0	0.0	6.1	26	934.4	280	6	0	15		27.4	6.7	5.9	58.0			0	"	11
19.0	11.1	1.7	6.9	31	933.9	–	0	0	15		27.5	6.7	5.9	57.6			0	"	12
19.2	10.8	0.3	6.2	28	935.3	–	0	0	40		27.4	6.0	5.4	57.9			0	"	13
19.8	10.1	-3.3	4.6	20	936.0	300	6	0	40		27.8	7.2	6.6	58.2			0	"	14
18.8	9.1	-5.7	3.8	17	937.0	–	0	4	40		28.0	6.6	6.0	58.0			0	Fair	15
18.4	9.5	-3.2	4.7	22	936.2	280	2	5	30		27.8	5.1	5.0	59.0			0	P.Cloudy	16
18.2	9.9	-1.1	5.6	27	936.1	–	0	2	30		28.6	5.2	5.0	59.0			0	Fair	17
17.6	8.5	-5.7	3.8	19	935.2	–	0	1	40		27.5	5.0	4.1	59.7			0	P.cloudy	18
20.0	10.1	-3.9	4.5	19	935.0	130	9	4	30		26.0	5.0	4.6	56.5			0	Fair	19
20.4	10.4	-3.3	4.6	19	932.7	100	5	4	20		25.3	9.5	8.6	62.0			0	P.Cloudy	20
20.1	15.0	10.8	13.0	55	931.9	260	10	0	2		26.3	7.0	6.3	62.5			0	Haze	21
21.2	12.6	3.3	7.7	31	931.9	160	5	8	30		25.0	9.7	8.9	59.0			0	P.Cloudy	22
16.4	11.6	6.7	9.8	53	933.4	–	0	1	40		21.2	13.1	11.9	55.0			0.8	Th.storm	23
19.0	13.2	7.8	10.6	48	933.5	130	5	5	20		22.6	9.7	9.1	56.0			0	P.Cloudy	24
15.6	13.8	12.3	14.3	81	932.4	290	6	7	14		19.0	13.7	12.7	51.0			3.9	Th.storm	25
12.0	6.7	-1.1	5.6	40	932.3	280	7	0	20		16.0	7.0	6.9	51.0			0	Misy	26
10.7	9.5	8.2	10.9	85	932.0	–	0	7	20		14.5	3.2	2.2	48.2			0.5	Rain	27
7.2	2.8	-5.1	4.0	39	935.5	240	8	0	10		12.5	6.9	6.4	45.0			5.6	Mist	28
8.4	4.1	-2.9	4.8	43	935.0	–	0	1	20		14.9	-1.5	-2.4	47.8			0	"	29
12.0	6.9	-0.6	5.9	42	937.1	–	0	0	20		19.9	-1.1	-1.9	50.8			0	Clear	30
																			31
18.0	10.2	-0.2	6.3	32	934.6	–	4	2	24		24.6	7.2	6.6	56.8			10.8		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter < 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : November	Year : 1964
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Gach Saran	
		Lat : 30°20' N.	Long : 50°50' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	13.8	9.0	3.2	7.7	49	1015.1	–	0	0	20	28.7	15.3	1.2	6.8	17	1016.3	270	8	0	20	1
2	11.4	8.2	4.3	8.2	61	1017.4	–	0	0	15	26.0	14.2	1.5	6.9	21	1017.6	280	11	0	15	2
3	8.3	5.0	0.0	6.2	56	1015.9	–	0	0	20	27.7	15.7	4.3	8.3	22	1015.7	270	8	0	20	3
4	10.6	8.0	5.0	8.8	69	1013.6	–	0	2	15	27.4	17.3	9.1	11.7	32	1014.1	–	0	5	20	4
5	15.2	7.6	-4.1	4.4	26	1013.0	090	8	7	20	28.2	15.8	-4.2	4.3	21	1013.2	120	20	7	3	5
6	20.2	16.2	13.1	15.1	64	1013.0	120	6	3	20	29.2	22.4	18.7	21.7	53	1012.4	170	6	3	15	6
7	14.6	11.0	7.3	10.3	62	1015.0	–	0	0	20	28.3	16.7	6.5	9.7	25	1015.8	360	8	0	20	7
8	16.1	10.3	3.6	8.0	44	1016.1	340	4	0	20	29.1	15.2	0.1	6.2	15	1016.8	360	10	0	20	8
9	12.8	8.3	2.6	7.4	50	1016.4	300	6	0	20	29.2	15.4	0.7	6.5	16	1016.3	300	12	0	20	9
10	12.3	8.3	3.2	7.7	54	1016.4	–	0	0	20	27.1	14.6	1.5	6.8	19	1016.0	300	14	0	15	10
11	11.7	8.5	4.7	8.6	61	1015.1	290	4	0	20	26.0	15.7	6.5	9.7	29	1015.1	–	0	0	25	11
12	11.3	8.3	4.7	8.6	64	1014.1	300	2	0	20	24.7	15.7	7.9	10.7	35	1014.5	–	0	0	12	12
13	10.9	7.0	1.7	6.9	53	1014.7	–	0	0	20	25.4	16.4	8.1	10.8	33	1015.7	–	0	1	20	13
14	10.3	7.3	3.6	7.9	63	1016.2	–	0	0	20	26.2	15.7	6.2	9.5	28	1015.9	–	0	1	30	14
15	10.7	6.3	-0.1	6.0	47	1016.8	–	0	0	25	26.7	15.2	3.8	8.0	23	1017.0	–	0	2	30	15
16	9.2	6.3	2.3	7.3	63	1016.9	–	0	4	30	26.3	14.9	3.4	7.8	23	1016.5	320	10	3	30	16
17	10.6	7.7	4.3	8.3	65	1016.4	–	0	1	25	25.1	15.3	6.3	9.6	30	1015.6	–	0	5	40	17
18	8.3	4.1	-2.9	4.8	44	1015.1	100	10	3	20	26.2	15.1	4.3	8.3	34	1015.5	170	11	6	30	18
19	10.8	6.3	-0.3	6.0	46	1015.5	–	0	1	25	26.4	15.4	5.0	8.7	26	1015.2	130	12	2	30	19
20	16.7	11.4	5.7	9.1	49	1014.2	120	12	7	12	26.0	17.0	9.8	12.2	36	1012.3	140	25	x	0.3	20
21	19.0	14.2	10.1	12.4	57	1011.3	140	8	7	15	26.7	20.0	15.8	18.0	51	1010.0	140	28	x	0.1	21
22	16.3	13.2	10.4	12.7	68	1008.8	120	10	7	20	24.1	18.2	14.3	16.3	54	1008.8	150	25	8	1	22
23	13.4	12.0	10.8	12.9	84	1013.0	–	0	1	7	21.2	13.4	5.7	9.2	36	1014.9	270	6	1	15	23
24	10.2	7.8	4.9	8.7	70	1015.4	290	4	2	20	23.4	13.7	3.6	8.0	28	1014.0	360	8	2	30	24
25	14.9	11.8	9.0	11.4	67	1009.9	240	14	2	15	21.4	14.6	8.6	11.2	44	1012.3	270	10	0	20	25
26	11.7	8.5	4.7	8.5	62	1015.3	–	0	7	20	19.4	12.0	3.9	8.2	37	1014.9	–	0	7	25	26
27	12.2	8.6	4.3	8.3	58	1011.6	150	10	7	30	21.4	12.3	2.1	7.1	28	1011.0	180	22	7	1.2	27
28	5.8	4.3	2.1	7.0	72	1018.9	–	0	0	1.5	13.5	6.5	-4.7	4.2	27	1020.2	310	13	0	1.8	28
29	0.7	-2.8	-12.7	2.3	36	1020.9	–	0	0	15	14.6	6.3	-8.9	2.9	18	1020.0	300	12	4	15	29
30	0.7	-1.0	-4.4	4.3	68	1018.7	290	8	0	20	15.4	8.6	-2.9	5.7	33	1019.7	–	0	0	12	30
31																					31
Av.	11.7	8.1	3.4	8.2	58	1015.0	–	4	2	19	24.7	14.5	4.6	9.2	30	1015.1	–	9	3	18	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964
Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

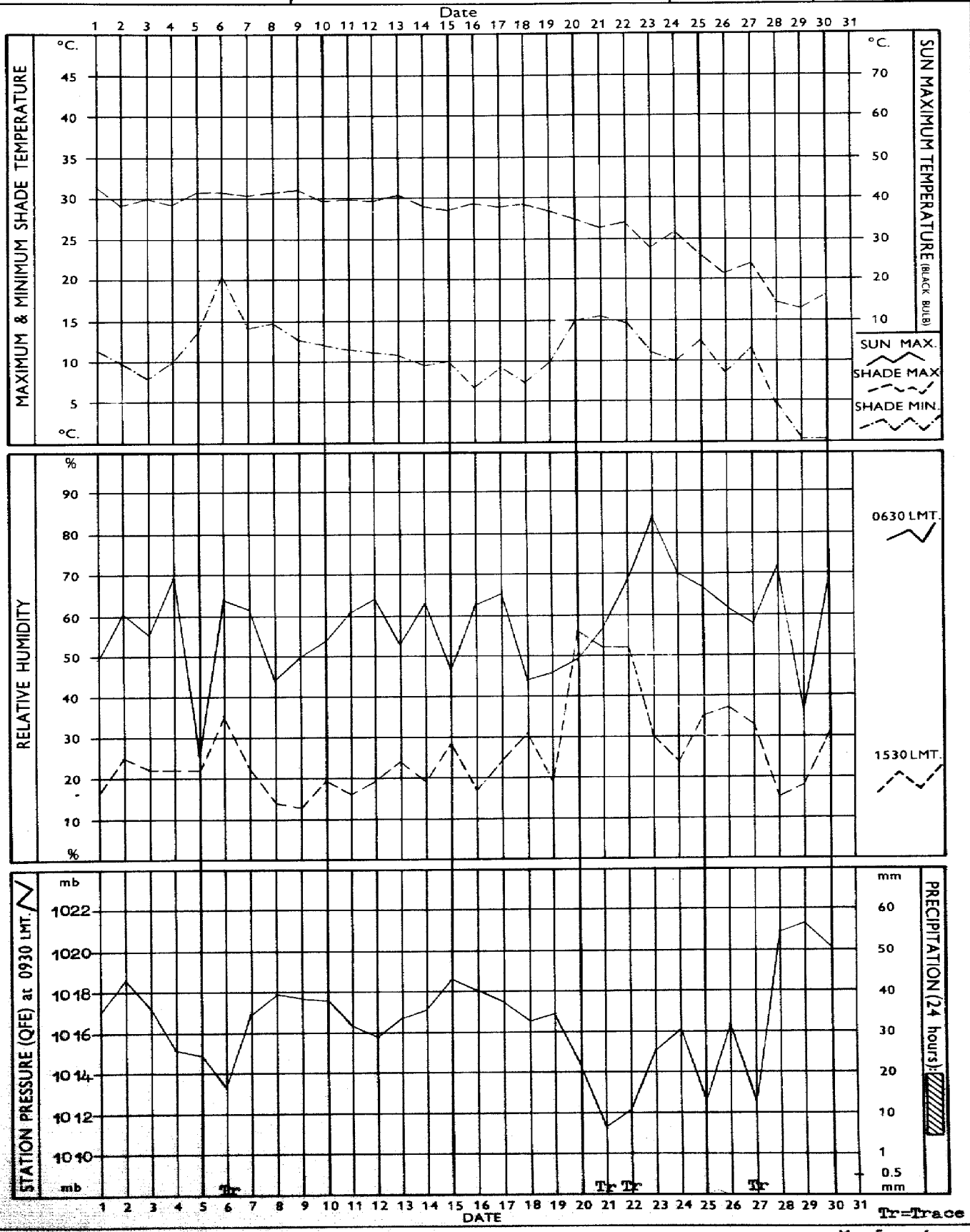
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
24.0	12.8	-0.6	5.9	20	1016.1	300	12	0	10		31.6	11.5	10.3				0	Haze	1
22.4	13.7	4.8	8.7	32	1015.9	–	0	0	20		29.1	9.9	8.0				0	Clear	2
24.3	16.3	9.7	12.0	39	1013.6	–	0	0	20		30.0	8.0	7.0				0	"	3
24.5	12.8	-1.2	5.5	18	1011.9	–	0	3	30		29.3	10.0	9.0				0	P.Cloudy	4
28.0	19.1	13.0	14.9	39	1010.8	120	20	x	0.6		30.7	13.6	13.2				0	Sandst.	5
26.8	17.8	11.1	13.3	38	1013.6	300	10	3	20		30.8	20.1	20.4				Tr.	Rainsh.	6
25.5	16.0	7.7	10.6	32	1014.4	300	4	0	30		30.3	14.2	12.2				0	Clear	7
23.7	14.7	6.3	9.6	23	1015.8	360	5	0	20		30.8	14.9	12.9				0	"	8
24.5	13.5	1.3	6.7	22	1015.0	300	10	0	20		31.1	12.7	13.1				0	"	9
22.7	13.7	4.6	8.5	31	1014.6	300	4	0	15		29.6	12.3	10.8				0	Haze	10
22.7	13.2	3.0	7.6	28	1013.9	300	10	0	25		29.9	11.6	9.2				0	Clear	11
24.4	15.2	6.7	9.9	32	1013.0	300	6	0	8		29.5	11.2	9.4				0	Haze	12
24.0	15.8	8.8	11.4	38	1014.3	320	4	2	30		30.4	10.9	8.0				0	Fair	13
25.0	15.3	6.4	9.7	31	1014.9	–	0	1	30		29.0	9.5	7.2				0	"	14
24.0	16.0	9.4	11.8	40	1016.1	–	0	3	30		28.6	10.0	6.5				0	P.Cloudy	15
23.2	16.2	10.6	12.8	46	1015.2	–	0	3	30		29.3	7.0	6.4				0	"	16
23.4	13.8	4.0	8.1	28	1014.9	–	0	5	40		28.9	9.0	7.5				0	"	17
21.9	13.4	4.8	8.6	33	1014.3	040	8	6	40		29.3	7.2					0	"	18
24.0	16.7	11.0	13.2	44	1014.2	090	4	8	20		28.6	9.8					0	Fair	19
24.2	19.8	17.0	19.5	66	1010.9	140	18	4	0.6		27.5	15.0					0	Sandst.	20
23.5	17.6	13.3	15.3	53	1009.2	140	15	4	4		26.5	15.6					Tr.	Rainsh.	21
24.0	19.0	15.8	17.9	60	1007.0	150	22	x	0.4		27.1	14.7					Tr.	"	22
18.0	11.7	5.0	8.8	43	1014.1	290	10	0	20		24.1	11.2					0	Haze	23
22.8	15.5	9.4	11.8	43	1010.9	090	9	7	20		26.0	10.0					0	P.Cloudy	24
17.7	11.8	5.6	9.2	47	1013.1	290	11	0	8		23.2	12.6					0	Haze	25
16.7	10.4	3.1	7.6	40	1013.7	040	8	7	40		20.8	8.7					0	Cloudy	26
17.0	12.8	9.0	11.5	59	1011.5	290	8	8	5		22.1	11.6					Tr.	Rain	27
10.6	4.7	-5.5	3.9	31	1019.9	330	12	0	15		17.1	4.7					0	Haze	28
11.7	5.4	-5.0	4.1	30	1018.4	290	12	0	15		16.5	0.2					0	Fair	29
13.2	9.0	4.0	8.2	54	1019.3	–	0	0	30		18.1	0.3					0	Clear	30
																			31
21.9	14.1	6.4	10.2	38	1014.0	–	7	3	20		27.2	10.6					Tr.		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : November	Year : 1964
		Station : Ahwaz	
Ground Level : 21 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°20' N.	Long : 48°45' E.



Met. Form 4

198.

IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month : November Year : 1964
Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°13' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	14.2	13.0	12.0	14.0	86	1017.0	–	0	0	12	30.4	15.0	-3.1	4.7	11	1018.7	300	14	0	12	1
2	10.8	5.7	-2.2	5.1	40	1019.4	–	0	0	20	26.8	15.1	3.4	7.8	22	1020.3	–	0	0	20	2
3	10.4	8.2	5.6	9.1	72	1018.0	–	0	0	15	28.0	15.6	3.3	7.8	21	1018.4	–	0	0	20	3
4	11.2	7.7	3.3	7.7	58	1016.0	–	0	3	15	28.8	16.1	4.0	8.1	21	1016.5	–	0	1	15	4
5	17.8	15.9	14.6	16.6	82	1013.7	100	10	6	20	30.4	20.6	14.3	16.4	38	1014.3	160	18	7	8	5
6	17.4	16.4	15.7	17.8	90	1014.1	300	8	2	6	29.4	23.0	19.7	23.0	56	1014.7	350	5	4	8	6
7	15.8	12.2	8.7	11.3	63	1017.2	–	0	1	8	28.7	18.2	10.3	12.5	32	1017.8	310	7	0	6	7
8	14.6	11.4	8.2	10.9	66	1018.7	–	0	0	12	30.6	16.8	3.9	8.1	18	1018.8	330	5	0	20	8
9	18.0	12.4	6.9	9.9	48	1018.8	340	5	0	12	30.2	16.8	4.4	8.4	20	1019.0	310	11	0	15	9
10	14.0	11.0	8.1	10.8	68	1019.3	–	0	0	12	28.0	16.0	4.7	8.5	23	1019.0	300	12	0	20	10
11	16.2	11.8	7.3	10.3	56	1018.0	310	5	0	15	27.0	15.9	5.7	9.2	26	1017.8	310	17	0	3	11
12	13.0	9.0	4.2	8.3	56	1016.9	300	8	0	15	25.1	14.9	5.1	8.8	28	1016.9	300	7	0	30	12
13	12.6*		6.8*	9.9*	68*	1018.3*			0		27.2*		4.3*	8.3*	23*	1017.4*	300	8	0	30	13
14	9.5	7.2	4.3	8.3	70	1018.0	–	0	0	30	26.9	15.8	5.4	9.0	26	1017.9	–	0	1	20	14
15	9.9	7.4	4.3	8.3	68	1019.2	–	0	2	10	28.6	16.8	6.5	9.7	25	1019.2	–	0	1	10	15
16	9.2	7.2	4.7	8.5	73	1019.1	–	0	6	20	27.0	15.7	5.2	8.8	25	1019.0	310	4	4	20	16
17	7.9	5.8	2.8	7.5	71	1018.8	–	0	2	15	25.8	15.6	6.4	9.6	29	1018.3	–	0	7	20	17
18	9.4	8.4	7.3	10.2	87	1017.0	090	5	8	1.5	27.7	18.8	12.5	14.5	39	1017.0	180	10	7	20	18
19	15.4	14.6	14.1	16.0	92	1016.8	160	4	1	10	27.2	20.3	16.1	18.3	50	1015.8	150	15	6	10	19
20	18.5*		15.8*	18.0*	85*	1015.4*	120	6	8	15	25.2*		16.5*	18.8*	59*	1014.2*	160	20	6	6	20
21	22.7	16.6	12.0	14.0	51	1011.8	110	6	8	15	28.2	18.8	12.2	14.2	37	1012.0	140	22	x	0.5	21
22	21.3	20.4	19.9	23.3	92	1011.8	–	0	8	15	26.4	17.7	11.2	13.3	39	1010.2	150	14	4	2	22
23	13.5	11.0	8.6	11.2	72	1016.4	–	0	2	30	22.4	13.2	3.4	7.8	29	1017.0	330	6	2	25	23
24	9.0	6.8	3.9	8.1	71	1017.5	–	0	1	20	25.0	13.6	0.8	6.5	21	1015.6	120	4	5	30	24
25	14.7	9.2	2.3	7.2	43	1014.1	270	6	6	20	21.6	13.7	6.1	9.4	37	1015.7	310	10	0	3	25
26	12.4	10.4	8.3	11.0	76	1017.8	–	0	7	15	22.2	13.4	4.3	8.3	31	1017.0	190	5	1	30	26
27	8.3*		2.4*	7.3*	67*	1015.1*	250	7	5	30	21.2*		3.9*	8.1*	32*	1014.0*	200	5	6	30	27
28	8.0		-1.6*	5.4*	50*	1020.6	300	8	0	3	14.7	7.4	-3.6	4.5	27	1022.9	310	10	0	2	28
29	4.6	1.3	-4.9	4.1	49	1023.6	300	8	2	15	15.4	6.6	-9.5	2.7	15	1022.8	310	14	2	15	29
30	2.9	1.2	-1.7	5.3	71	1021.2	270	7	0	15	13.9	8.1	0.2	6.2	39	1022.3	290	5	0	20	30
31																					31
Av.	12.8	10.1	6.7	10.5	68	1017.3	–	3	3	15	25.7	15.5	5.9	10.0	30	1017.4	–	8	2	16	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8
Fair : Average of cloudiness = 1/8 – 2/8
P. Cloudy : Partly Cloudy. Average of cloudiness = 3/8 – 5/8
Cloudy : Average of cloudiness = 6/8 – 7/8
O – cast : Overcast. Average of cloudiness = 8/8
Haze : Visibility reduced by dry particles
Mist : Visibility reduced by wet particles
Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30° 22' N. | Long : 48° 13' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
25.0	12.8	-2.4	5.0	16	1019.0	300	7	0	12		32.2	12.2		61.7			0	Mist	1
22.3	13.2	3.6	7.9	29	1018.1	300	5	0	25		28.8	10.0		59.9			0	Clear	2
23.2	13.6	3.6	7.9	28	1015.9	-	0	0	20		29.6	9.0		60.1			0	"	3
23.8	13.8	3.3	7.8	27	1013.8	-	0	2	20		30.5	10.4		59.4			0	Fair	4
25.4	21.6	19.6	22.8	70	1012.1	120	10	4	8		31.0	15.0		61.7			0	Haze	5
26.6	18.8	13.5	15.5	45	1013.2	340	14	6	2		30.6	16.5		61.1			0	Dust	6
25.0	16.4	9.4	11.8	37	1015.5	-	0	6	12		30.7	14.5		59.4			0	Haze	7
25.4	16.5	9.2	11.6	36	1018.1	-	0	0	20		31.3	14.0					0	"	8
25.6	15.4	6.1	9.4	29	1017.8	300	3	0	15		31.7	16.0		52.5			0	"	9
24.2	15.7	8.5	11.1	37	1017.4	300	5	0	15		29.3	17.3	11.4	57.2			0	Clear	10
23.8	15.0	7.0	10.0	34	1016.6	300	7	0	4		29.3	14.3	12.5	55.7			0	Haze	11
23.6	14.8	6.7	9.8	34	1015.7	300	6	0	25		29.6	12.5	12.1	58.2			0	Clear	12
22.2	14.0	6.1	9.4	35	1016.7	-	0	4	20		30.1	10.7	8.8	59.1			0	"	13
21.8	15.4	10.1	12.4	48	1017.1	-	0	0	30		29.5	9.1	6.6	56.7			0	"	14
22.2	13.8	5.4	9.0	34	1018.4	-	0	7	30		31.3	9.7	6.8				0	Mist	15
24.5	15.2	6.7	9.8	32	1017.8	-	0	7	30		31.4	8.5	5.9	60.5			0	"	16
20.2	13.6	7.5	10.4	44	1017.3	-	0	6	20		28.0	7.3	4.8				0	"	17
22.6	18.6	16.0	18.2	66	1016.0	150	6	7	20		29.1	7.8	6.5	57.8			0	"	18
23.7	20.0	17.8	20.4	70	1015.7	150	8	5	12		28.4	14.4	13.2	53.3			0	"	19
23.2	19.5	17.3	19.7	69	1011.9	150	15	2	12		27.6	17.0	15.4	36.7			Tr.	Rainsh.	20
22.9	17.8	14.3	16.3	59	1010.9	180	10	6	15		29.3	20.0					0	Sandst.	21
21.7	16.8	13.2	15.2	58	1010.1	160	10	5	20		28.8	18.0	16.4				0.3	Rainsh.	22
19.1	13.5	8.3	11.0	50	1016.3	-	0	2	20		23.8	12.0	10.2				0	Fair	23
20.2	13.1	6.0	9.4	40	1013.1	140	10	0	30		26.8	8.7	6.3				0	P.Cloudy	24
18.0	13.2	8.9	11.4	55	1016.3	270	6	8	20		22.5	12.8	12.0				0	Haze	25
19.3	12.0	4.1	8.2	38	1015.5	320	4	5	20		23.6	8.9	7.0				0	P.Cloudy	26
17.3	12.6	8.2	10.9	55	1014.8	300	10	6	8		23.9	6.0					0	Haze	27
11.5	5.4	-4.7	4.1	31	1022.6	310	8	0	4		17.4	7.2	6.5				0	"	28
11.4	5.8	-3.0	4.8	36	1021.4	280	6	0	6		16.8	4.1	2.7				0	"	29
11.6	7.7	2.6	7.4	54	1021.4	280	2	0	30		18.4	2.3	1.5				0	Clear	30
																			31
21.6	14.5	7.8	11.3	43	1016.3	-	5	3	17		27.5	11.4	8.7	57.2			0.3		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter < 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

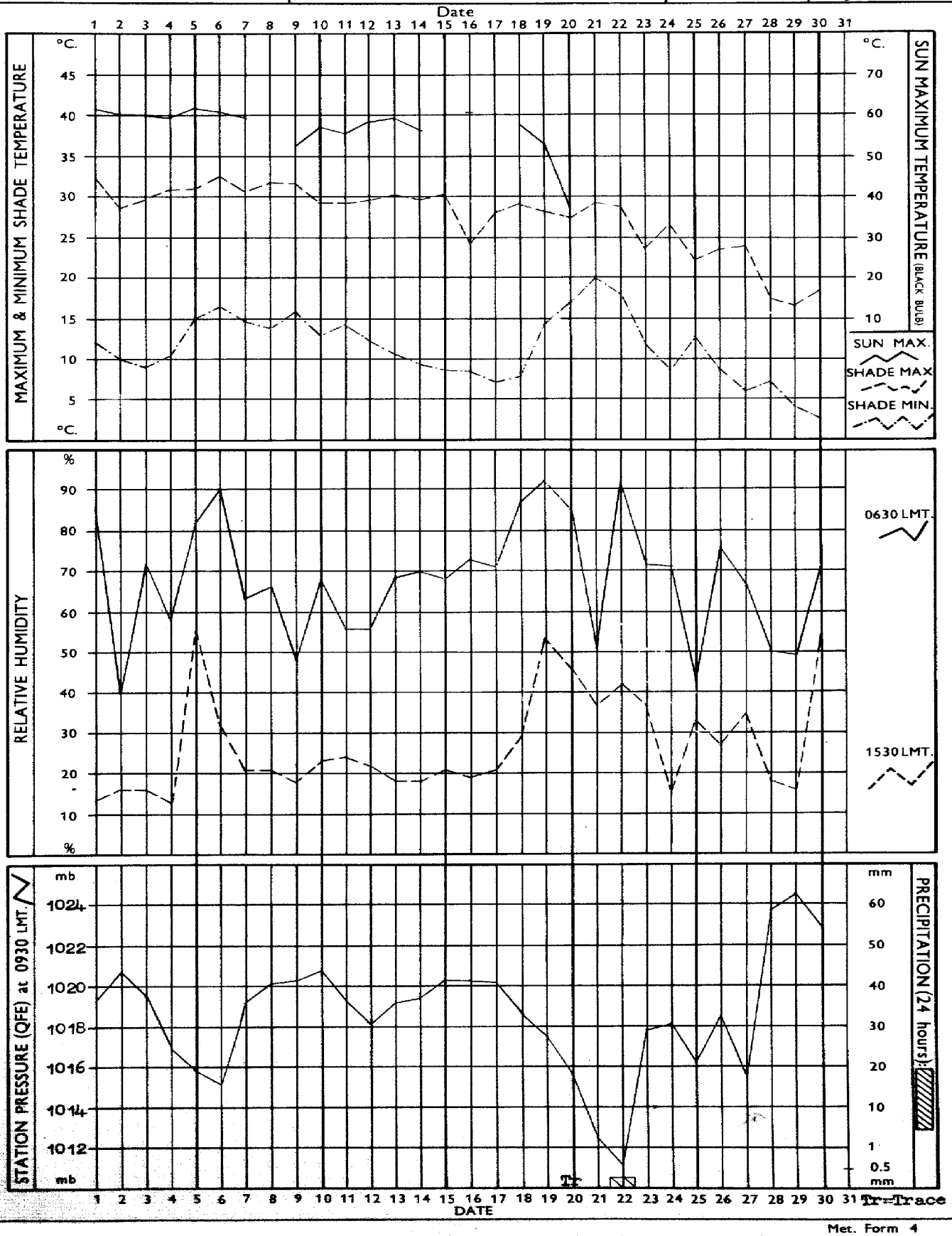
IRANIAN OIL OPERATING COMPANIES

CLIMATOLOGICAL GRAPH

Month : November | Year : 1964

Station : Abadan

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°13' E.



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Bandar Mashur

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°30' N. | Long : 49°12' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	15.3	14.5	13.7	15.8	91	1016.9	–	0	0	4	28.7	16.6	5.8	9.2	23	1018.0	310	3	0	20	1
2	13.8	9.2	3.7	7.9	51	1019.5	350	2	0	20	24.7	13.8	2.1	7.1	23	1019.9	240	3	0	20	2
3	11.4	8.4	4.8	8.6	64	1017.9	–	0	0	25	26.3	15.6	5.6	9.1	27	1018.0	260	3	0	25	3
4	14.1	10.4	6.4	9.6	59	1015.8	360	5	4	20	26.8	16.5	7.7	10.5	29	1016.3	–	0	1	20	4
5	17.8	13.9	10.6	12.8	62	1015.0	060	7	2	15	28.6	22.0	18.4	21.8	54	1015.7	160	10	5	15	5
6	21.0	18.6	17.1	19.6	78	1015.2	140	10	5	20	28.3	22.8	18.8	23.4	61	1014.0	160	8	4	15	6
7	19.2	16.8	15.1	17.2	77	1016.5	310	3	3	7	28.2	19.4	13.5	15.5	40	1017.5	310	3	0	15	7
8	17.2	12.5	8.0	10.7	54	1017.9	360	2	0	15	30.6	16.8	3.8	8.0	18	1018.8	320	3	0	15	8
9	13.5	10.0	6.2	9.5	61	1018.1	300	4	0	15	29.2	17.9	9.0	11.4	29	1018.0	300	6	0	15	9
10	15.2	11.5	7.8	10.6	61	1018.8	300	3	0	20	27.8	16.2	5.7	9.0	24	1018.1	310	12	0	15	10
11	14.1	11.5	9.1	11.6	72	1017.3	340	8	0	20	23.5	16.6	11.3	13.4	48	1017.2	300	8	0	20	11
12	13.9	11.3	8.8	11.4	72	1016.4	300	7	0	20	23.0	15.2	8.3	11.1	40	1016.7	310	2	0	20	12
13	13.5	9.9	6.0	9.3	60	1016.7	–	0	0	20	25.3	16.7	10.0	12.3	39	1017.2	310	2	0	20	13
14	12.0	9.5	6.7	9.8	70	1017.7	–	0	0	20	26.2	16.3	7.8	10.6	31	1017.9	310	2	0	20	14
15	12.3	9.5	6.4	9.6	67	1019.0	–	0	0	20	27.0	18.4	12.2	14.3	40	1019.0	–	0	0	20	15
16	13.3	8.4	2.0	7.1	47	1018.5	310	3	3	30	27.8	15.4	3.0	7.6	20	1018.2	300	3	2	30	16
17	12.2	8.0	2.6	7.4	52	1018.5	350	5	3	20	26.5	18.0	11.7	13.8	40	1017.9	160	2	1	30	17
18	10.7	9.0	7.1	10.1	78	1017.4	140	3	4	15	25.5	18.0	12.6	14.6	46	1017.6	160	2	6	20	18
19	14.6	13.3	12.3	14.3	86	1017.3	100	2	2	15	26.2	20.0	16.0	18.3	54	1017.0	160	2	3	25	19
20	19.4	17.9	17.0	19.4	86	1016.1	090	5	6	20	25.0	20.5	17.9	20.7	65	1014.4	180	20	4	3	20
21	19.4	18.0	17.5	20.0	88	1013.5	170	12	7	25	25.0	21.7	20.0	23.4	74	1013.8	160	14	4	15	21
22	18.9	17.0	15.7	17.8	82	1011.2	160	10	6	20	24.8	21.8	20.2	23.7	76	1011.6	160	16	6	15	22
23	15.6	13.2	11.2	13.3	74	1014.9	310	8	3	20	22.2	14.6	7.8	10.5	40	1016.8	310	5	4	20	23
24	15.0	10.4	5.3	8.8	52	1016.9	350	7	5	20	24.6	15.5	7.4	10.4	33	1015.7	090	3	4	20	24
25	17.0	12.4	8.0	10.6	54	1013.7	310	4	7	20	21.8	14.6	8.3	11.0	42	1014.9	300	3	0	8	25
26	12.3	10.1	7.8	10.6	74	1018.0	330	6	7	20	20.5	12.3	3.8	7.7	33	1017.0	180	2	1	25	26
27	14.0	11.7	9.6	12.0	75	1014.3	–	0	1	30	20.8	13.9	7.4	10.3	24	1014.3	190	7	4	30	27
28	8.3	5.2	0.7	6.4	58	1020.5	360	9	0	4	13.2	7.1	−1.8	5.2	35	1022.2	330	12	0	3	28
29	2.5	0.2	−3.9	4.5	62	1022.4	340	8	5	20	15.8	7.7	−5.0	3.9	22	1021.7	330	6	2	20	29
30	4.0	2.4	−0.3	6.0	73	1021.4	300	9	0	15	14.0	8.0	−0.4	5.9	38	1021.8	240	4	0	15	30
31																					31
Av.	14.1	11.2	8.1	11.4	68	1017.1	–	5	2	19	24.6	16.3	9.0	12.5	39	1017.2	–	6	2	18	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy : Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month: November Year: 1964
Station: Bendar Mashur

Ground Level: 3 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 30°30' N. | Long: 49°12' E.

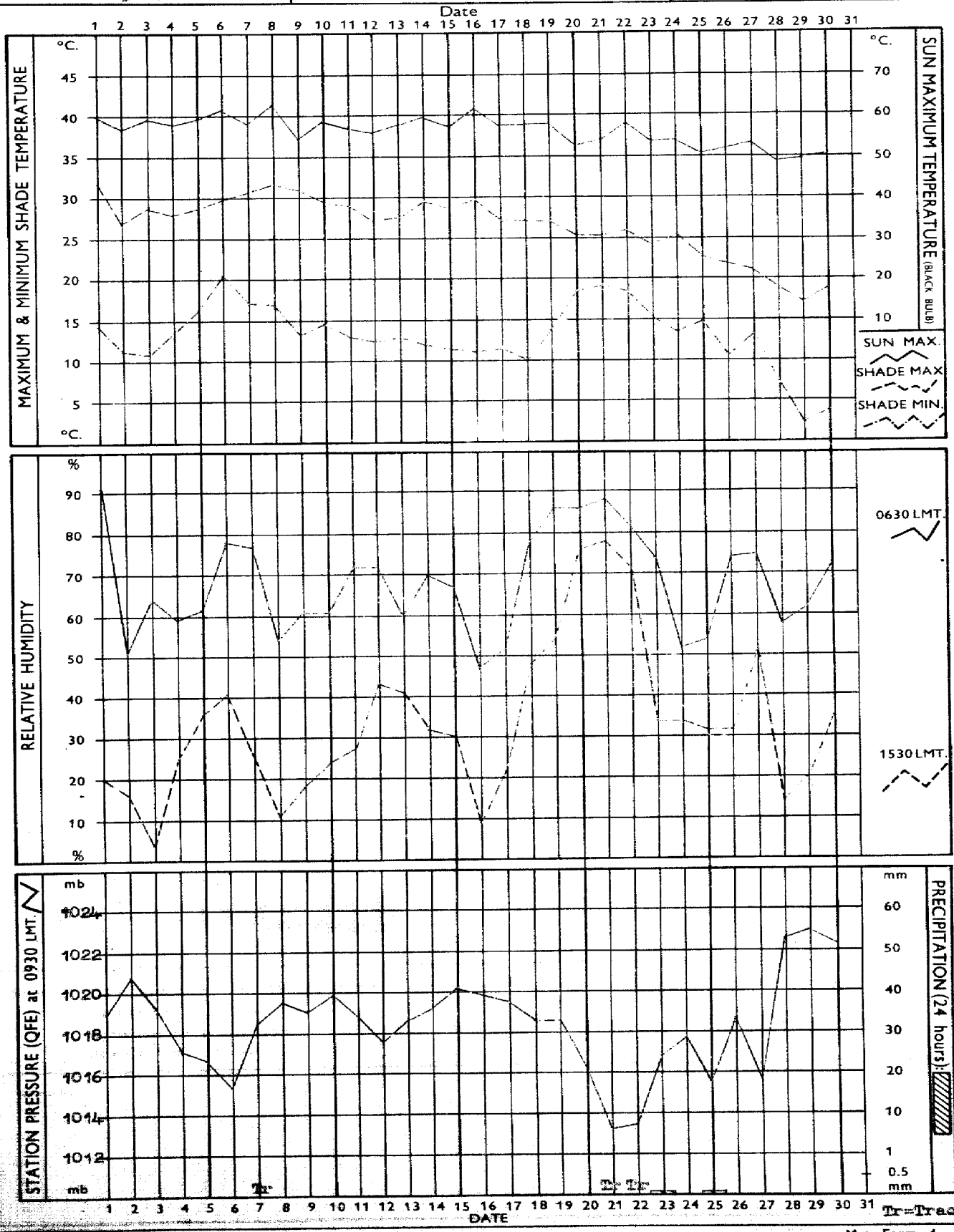
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
25.2	14.5	3.7	7.8	24	1018.6	320	8	0	20		31.8	14.4		59.8	310	18	0	Mist	1
22.0	14.6	8.0	10.7	40	1018.0	–	0	0	20		27.0	11.5		57.0	360	9	0	Clear	2
23.0	15.9	9.9	12.2	45	1015.6	300	4	0	25		28.8	11.0		59.0	290	18	0	"	3
23.0	15.0	7.8	10.6	38	1014.0	–	0	3	25		28.1	13.6		58.0	360	7	0	P.Cloudy	4
24.7	22.3	21.0	25.0	80	1013.1	160	16	5	15		28.8	16.5		59.0	150	27	0	"	5
27.0	17.5	10.2	12.5	34	1014.3	350	7	5	20		29.7	20.5		61.4	320	22	0	Th.storm	6
27.0	16.0	6.0	9.4	26	1016.4	340	4	0	20		30.7	17.2		58.2	350	10	Tr.	Mist	7
25.7	16.0	7.6	10.4	31	1017.4	340	3	0	20		31.7	17.0		62.8	350	12	0	Clear	8
24.0	16.0	8.2	11.9	36	1016.7	310	5	0	15		31.6	13.5		59.5	330	17	0	"	9
24.2	15.6	8.1	10.8	36	1016.7	340	8	0	6		29.4	14.7		58.7	300	21	0	Haze	10
24.9	14.8	5.0	8.7	27	1016.8	310	5	0	20		29.0	13.0		57.1	320	15	0	Clear	11
23.7	16.8	11.4	13.5	46	1015.3	–	0	0	20		27.2	12.5		56.2	310	12	0	"	12
24.0	18.0	13.8	15.8	54	1016.2	310	2	0	20		27.6	13.0		57.7	320	5	0	"	13
22.7	17.0	12.8	14.8	52	1017.5	–	0	0	20		29.4	12.0		59.6	220	7	0	"	14
23.0	16.4	11.3	13.4	48	1018.1	–	0	5	25		28.7	11.6	6.2	57.[illegible]	300	5	0	Fair	15
24.2	14.1	3.9	8.0	27	1017.4	280	3	6	30		29.7	11.2	7.2	62.0	31[illegible]	7	0	P.Cloudy	16
22.5	17.0	12.9	14.9	54	1016.9	240	4	3	30		27.2	11.5	8.4	57.7	220	5	0	Fair	17
22.0	19.8	18.4	21.2	80	1016.6	170	2	7	20		27.2	19.0	6.4	57.8	120	6	0	Cloudy	18
22.1	20.0	18.7	21.7	81	1016.2	160	6	[illegible]	30		27.0	13.8	12.3	58.0	110	17	0	P.Cloudy	19
22.2	20.2	19.0	22.2	82	1013.0	160	10	3	20		25.4	18.6	17.0	53.0	110	28	0	Haze	20
22.3	20.5	19.7	22.8	85	1011.6	150	4	3	20		25.3	19.0	17.9	54.2	120	33	Tr.	Rain	21
23.2	20.6	19.1	22.1	79	1010.2	160	13	8	20		26.0	18.5	17.7	58.0	120	28	Tr.	"	22
20.3	16.8	14.3	16.3	69	1015.9	300	2	5	20		24.2	15.2	13.0	53.8	300	18	0.1	P.Cloudy	23
20.7	18.5	17.2	19.5	80	1013.5	180	6	3	20		25.4	13.7	11.9	54.0	360	14	0	"	24
18.9	13.7	8.9	11.5	52	1015.1	300	9	0	4		23.0	14.9	14.4	51.0	290	20	0.1	Rain	25
19.0	13.7	9.0	11.2	52	1015.6	180	6	5	25		22.0	10.8	[illegible].5	52.0	190	7	0	P.Cloudy	26
18.8	14.0	9.9	12.2	55	1013.5	300	8	8	5		21.2	13.5	13.2	53.6	320	22	0	Haze	27
11.4	5.6	-3.9	4.6	33	1021.8	310	10	0	8		18.9	7.4	6.6	48.8	320	19	0	"	28
16.3*		9.0*	11.4*	62*	1021.1*	360*	3*				17.2	2.2	1.4	49.8	330	20	0	P.Cloudy	29
14.6	9.5	3.4	7.8	47	1021.1	310	2	0	25		18.8	3.7	2.6	50.8	310	14	0	Clear	30
																			31
22.1	15.7	10.8	13.8	52	1016.1	–	5	3	20		26.6	13.2	10.1	56.4			0.2		Av.

CODE FOR REMARKS (continued)

Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

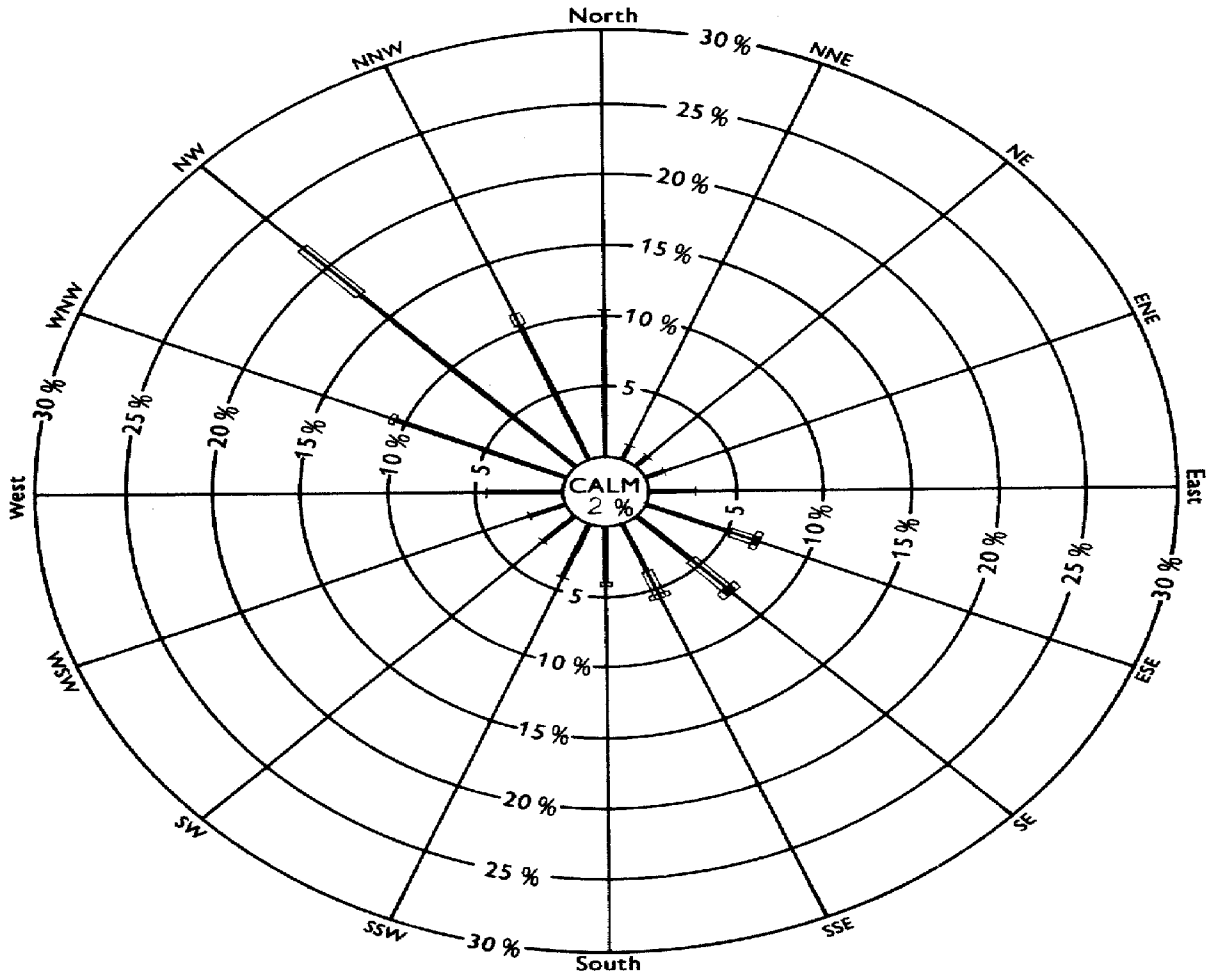
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : November	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



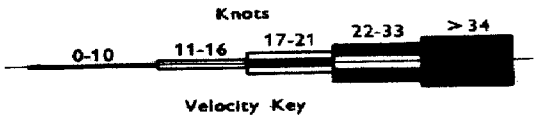
Met. Form 4

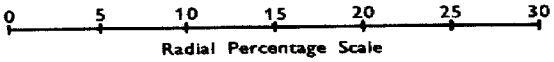
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : November	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



Hours in month 720

Hours recorded 720





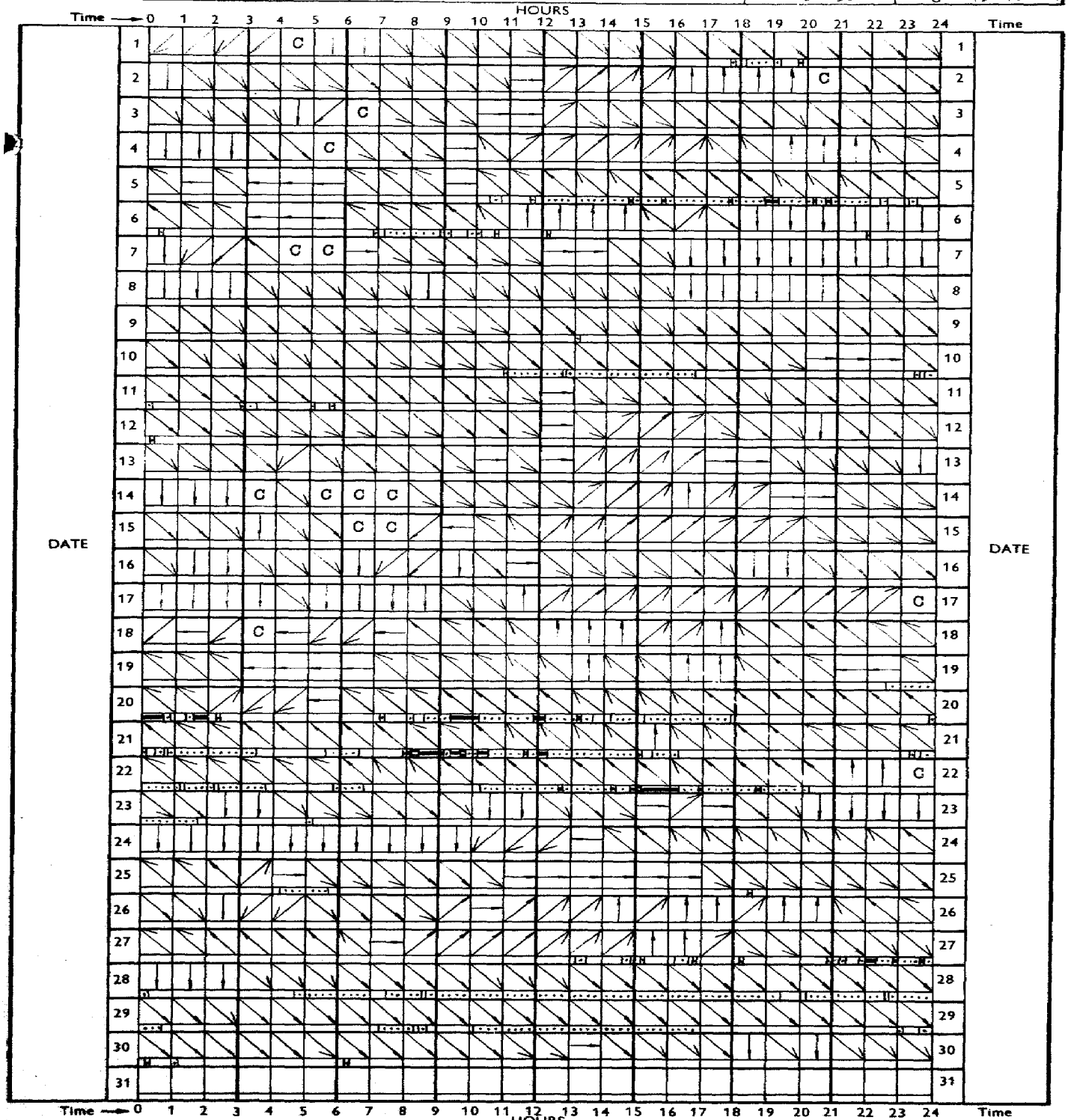
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS LINES ANEMOGRAPH	Month : November	Year : 1964
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Bandar Mashur Lat : 31°59' N.	Long : 49°16' E.



VELOCITY KEY	DIRECTION KEY	
C Calm 1-10 Knots 11-16 17-21 22-33 > 34 NR No Record.	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW	Example : 3 4 40 — From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	20.0	19.6	19.4	22.5	97	1016.3	–	0	0	20	27.4	22.0	19.1	22.1	61	1017.6	360	3	1	25	1
2	24.0	14.2	4.4	8.4	28	1018.7	360	10	0	10	26.0	15.4	6.2	9.5	28	1019.3	340	12	0	20	2
3	19.8	16.6	14.3	16.3	70	1017.2	360	2	0	20	26.4	18.0	11.8	13.9	42	1017.3	330	6	0	25	3
4	18.4	17.0	16.1	18.3	86	1015.0	–	0	0	20	27.0	19.2	14.0	16.0	45	1015.9	–	0	1	25	4
5	22.0	20.0	18.9	21.8	82	1015.5	060	5	0	20	29.0	23.2	20.3	23.9	59	1016.6	150	5	0	20	5
6	25.0	23.0	22.0	26.5	84	1015.5	150	6	1	20	28.0	24.0	22.1	26.7	71	1014.9	180	14	7	20	6
7	24.0	21.8	20.7	24.4	82	1016.1	100	4	3	20	26.8	24.2	23.0	28.1	79	1017.0	360	4	3	20	7
8	22.2	17.4	14.1	16.1	60	1017.7	350	4	0	20	27.8	20.6	16.2	18.4	49	1018.2	350	4	0	20	8
9	23.8	17.8	13.6	15.6	53	1017.6	350	10	0	20	27.0	18.6	12.7	14.7	41	1018.0	350	12	0	20	9
10	23.8	17.0	12.0	14.0	48	1018.1	360	10	0	25	27.0	18.0	11.3	13.4	37	1018.2	330	12	0	30	10
11	21.2	17.8	15.6	17.7	70	1017.0	320	8	0	20	25.0	19.2	15.4	17.6	55	1017.5	320	10	0	20	11
12	21.4	17.4	14.7	16.7	66	1016.5	360	7	0	20	25.0	19.4	16.0	18.1	57	1016.5	360	8	0	20	12
13	17.0	16.0	15.3	17.4	90	1016.9	–	0	0	20	25.2	19.0	14.9	17.0	53	1017.2	360	4	0	20	13
14	16.8	16.2	15.7	17.9	94	1017.2	–	0	0	10	26.2	19.4	15.0	17.1	50	1017.3	360	8	0	20	14
15	17.0	16.4	16.0	18.1	93	1018.4	–	0	0	15	25.0	18.0	13.0	15.0	47	1019.0	360	8	0	25	15
16	17.0	15.0	13.4	15.4	80	1018.2	–	0	0	20	26.0	19.0	14.4	16.4	49	1018.0	300	8	1	25	16
17	20.0	16.0	13.0	15.0	64	1017.9	360	3	1	25	26.0	21.0	18.2	20.9	62	1017.8	160	2	1	25	17
18	15.2	14.6	14.1	16.1	94	1017.2	–	0	4	10	24.0	19.0	15.8	18.0	60	1017.8	120	3	5	25	18
19	19.4	17.6	16.4	18.7	84	1017.4	070	5	0	20	26.4	21.0	18.0	20.6	60	1017.5	120	3	1	25	19
20	21.6	18.0	15.6	17.7	69	1016.6	100	10	1	20	26.8	20.8	17.3	19.7	56	1016.4	120	6	1	25	20
21	22.2	19.4	17.8	20.4	76	1014.8	120	10	6	20	26.6	22.4	20.2	23.8	68	1013.9	100	10	2	25	21
22	22.4	19.4	17.6	20.2	75	1012.8	100	10	6	30	27.0	22.0	19.3	22.4	63	1013.4	120	10	6	30	22
23	19.0	18.8	18.7	21.6	98	1014.5	360	11	7	25	23.2	18.4	15.2	17.3	61	1015.3	060	12	4	25	23
24	20.4	18.2	16.8	19.1	80	1016.3	020	2	2	25	25.0	20.2	17.4	19.9	63	1015.9	–	0	7	25	24
25	25.0	21.0	18.8	21.8	69	1013.0	180	10	6	25	22.0	15.6	10.4	12.6	48	1014.6	320	12	5	25	25
26	18.4	11.8	4.7	8.6	41	1017.4	320	10	2	25	21.2	12.6	3.3	7.8	31	1017.0	340	10	0	25	26
27	18.0	13.0	8.3	11.0	53	1015.2	020	10	6	20	21.6	13.2	4.6	8.5	33	1015.5	300	10	5	20	27
28	16.8	10.6	3.4	7.8	41	1018.9	350	17	7	20	16.7	9.6	0.4	6.4	34	1020.5	350	18	0	5	28
29	13.2	8.4	2.2	7.2	48	1021.2	350	16	0	20	15.2	9.0	1.0	6.5	38	1020.7	350	18	4	20	29
30	14.0	8.6	1.6	6.8	43	1020.7	340	10	0	20	16.6	11.6	6.5	9.7	51	1021.0	300	8	0	20	30
31																					31
Av.	20.0	16.6	13.8	16.6	71	1016.9	–	6	2	20	24.8	18.5	13.8	16.7	52	1017.2	–	8	2	23	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month : November Year : 1964
Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

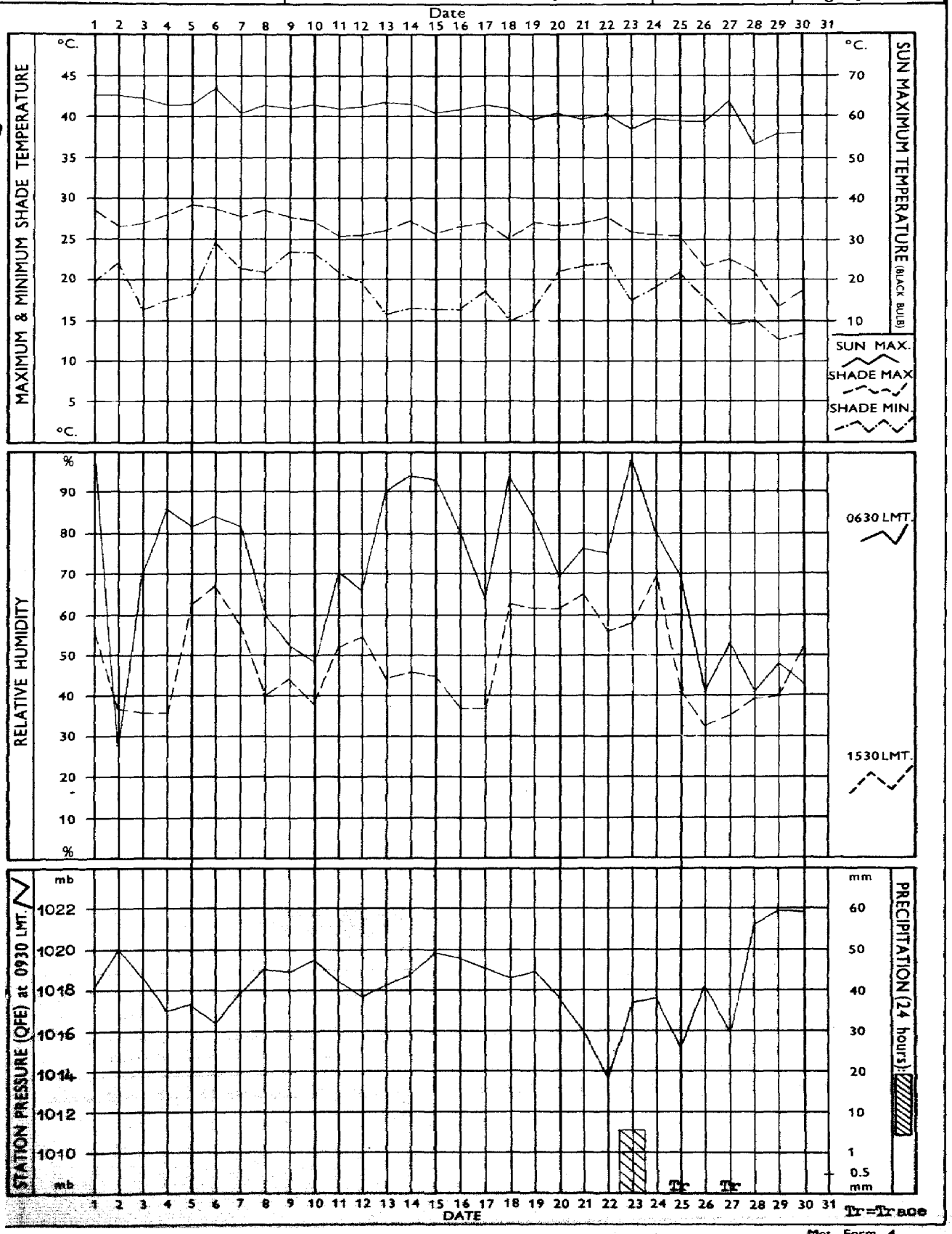
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
24.2	19.2	16.0	18.2	60	1017.2	300	6	0	25		28.5	19.5	18.0	65.2	360	31	0	Clear	1
22.8	15.4	9.2	11.6	42	1018.4	300	10	0	20		26.6	22.0	19.6	65.0	360	30	0	Haze	2
23.8	16.0	9.5	11.9	40	1015.8	300	6	0	25		27.0	16.5	12.8	64.5	350	15	0	Clear	3
22.8	16.8	12.2	14.3	52	1015.0	–	0	0	25		28.0	17.5	13.9	62.5	360	12	0	"	4
25.8	22.4	20.8	24.5	73	1015.5	140	10	0	20		29.0	18.2	16.4	63.0	180	17	0	"	5
25.4	20.0	16.7	19.0	59	1014.2	130	4	2	20		28.8	24.5	22.8	67.0	150	21	0	P.Cloudy	6
25.0	20.0	17.0	19.4	62	1015.9	330	4	0	25		27.8	21.4	19.4	61.0	350	12	0	Fair	7
26.0	20.0	16.4	18.6	55	1016.8	300	8	0	20		28.5	21.0	16.8	62.8	340	14	0	Clear	8
25.6	19.6	15.8	18.0	55	1016.8	300	8	0	25		27.8	23.5	22.2	62.0	360	22	0	"	9
25.4	18.6	14.0	16.0	49	1016.6	300	10	0	20		27.2	23.4	21.7	63.0	360	25	0	"	10
23.0	18.2	15.0	17.0	61	1015.7	300	6	0	25		25.6	21.0	20.4	62.0	360	19	0	"	11
21.8	18.0	15.5	17.6	67	1015.1	350	4	0	25		25.6	19.8	18.2	62.5	360	15	0	"	12
23.0	17.2	13.0	15.0	54	1016.2	300	8	0	25		26.0	16.0	15.8	63.6	330	11	0	"	13
22.0	16.8	13.0	15.0	57	1017.2	330	4	0	20		27.2	16.6	12.2	63.0	330	9	0	Mist	14
21.8	16.2	11.8	13.9	53	1018.4	–	0	3	25		25.8	16.6	12.2	61.0	350	11	0	Fair	15
22.0	16.0	11.3	13.4	50	1017.4	300	2	4	25		26.6	16.5	12.2	62.0	360	9	0	"	16
21.0	15.0	9.9	12.2	49	1017.7	300	2	2	25		27.0	18.6	13.9	63.0	320	10	0	"	17
20.2	17.6	15.9	18.1	77	1016.7	–	0	0	25		25.0	15.0	10.6	62.0			0	Mist	18
24.2	20.0	17.5	20.0	66	1016.1	100	10	3	25		27.0	16.5	12.8	59.0	120	18	0	Fair	19
24.8	20.2	17.5	20.0	64	1013.8	100	10	6	25		26.8	21.0	18.3	61.0	190	21	0	"	20
24.0	20.4	18.3	21.1	71	1012.5	180	4	1	20		27.0	21.7	19.7	59.0	220	20	0	P.Cloudy	21
25.0	20.6	18.1	20.8	64	1011.8	180	8	7	25		27.5	22.0	20.0	60.6	180	24	0	Cloudy	22
22.6	19.0	16.7	19.1	70	1014.5	030	5	1	25		25.8	17.6	16.0	57.0	320	58	5.6	Rain	23
24.0	21.4	20.0	23.4	78	1014.3	–	0	5	25		25.6	19.0	17.4	59.6		23	0	Cloudy	24
21.0	14.6	8.9	11.5	46	1015.2	300	6	7	15		25.4	21.0	17.2	58.8	350	31	Tr.	Rain	25
18.8	12.0	4.8	8.6	40	1016.0	330	5	1	30		21.8	18.0	16.1	58.8	360	29	0	Fair	26
19.6	13.6	8.1	10.8	47	1014.9	–	0	5	25		22.8	14.6	10.9	63.8	360	27	Tr.	Rain	27
15.0	8.4	-0.8	5.7	34	1020.4	340	14	0	2		21.1	15.0	15.2	53.8	360	35	0	Haze	28
16.0	9.2	0.2	6.2	34	1019.6	350	12	3	20		16.8	13.0	11.7	56.0	360	35	0	P.Cloudy	29
16.0	11.2	6.2	9.5	52	1020.7	340	8	0	20		18.6	13.6	11.4	56.0	360	30	0	Clear	30
																			31
22.4	17.1	13.0	15.7	56	1016.2	–	6	2	23		25.8	18.7	16.2	61.3			5.6		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter < 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

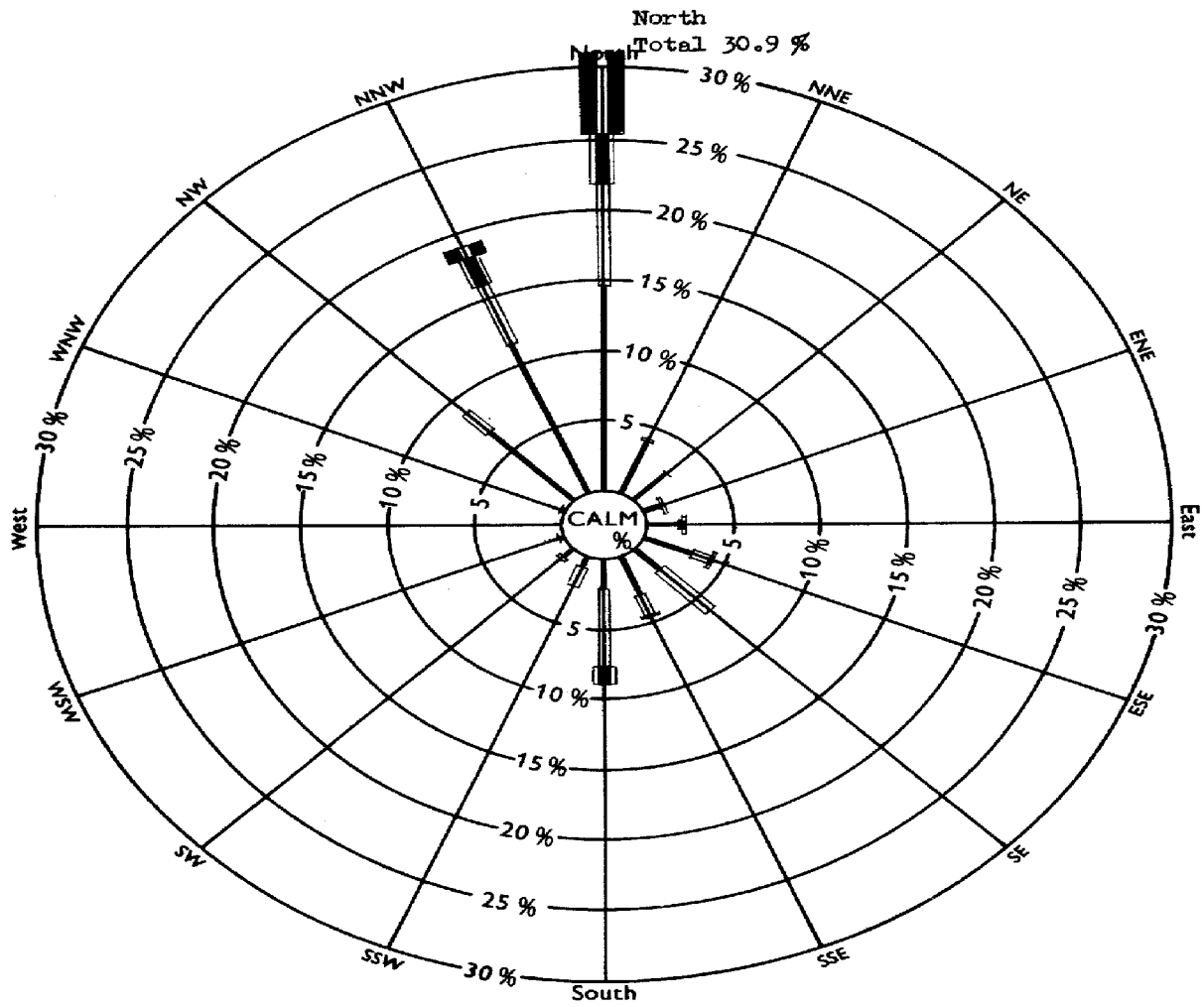
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : November	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



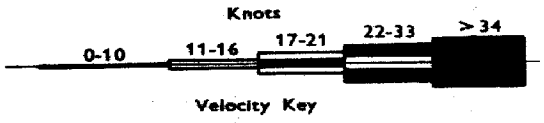
Met. Form 4

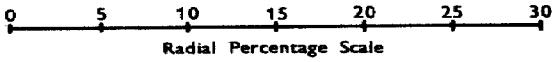
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : November	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



Hours in month 720

Hours recorded 659





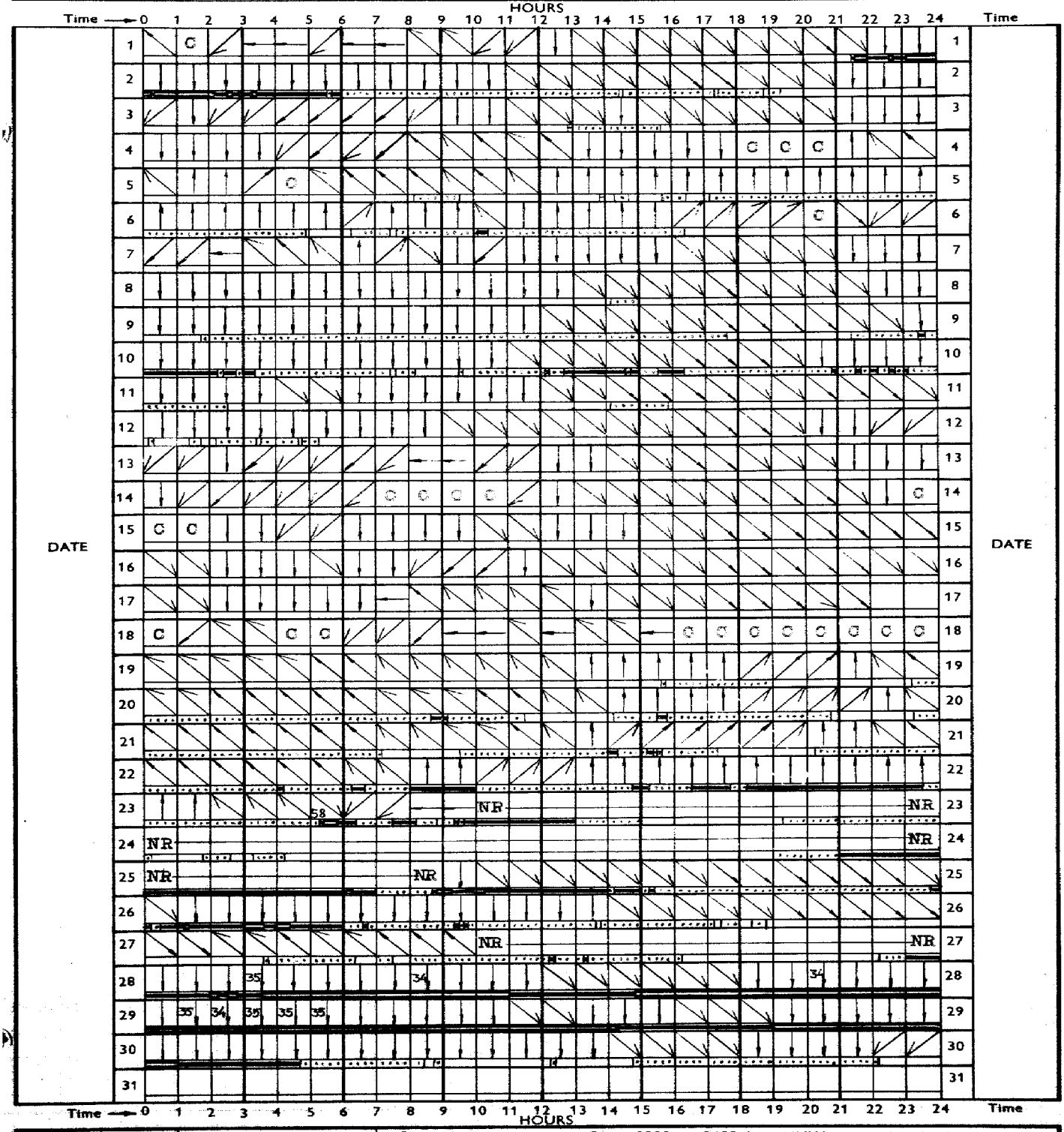
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks : The wind directions NW, NNW and N contitute together 58.7% of all observations.

Met Form 5

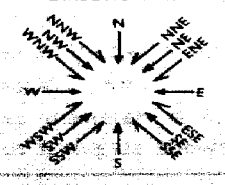
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : November	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16'N.	Long : 50°20' E.



VELOCITY KEY

- C — Calm
- 1-10 Knots
- 11-16
- 17-21
- 22-33
- > 34
- NR — No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Farsi Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 28°00' N. | Long : 50°10' E.

Observations at 0630

Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Extreme Temperature: Maximum Shade Temperature	Extreme Temperature: Minimum Shade Temperature	Extreme Temperature: Ground Minimum Temperature	Extreme Temperature: Sun Maximum Temperature	Max. Wind: Direction	Max. Wind: Velocity	24 hour Rainfall (1830 – 1830)	Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
32.4	28.5	27.1	35.8	74		360	8		17		36.0						0	Clear	1
32.2	28.2	26.7	35.1	74		360	10		18		35.0						0	Fair	2
31.4	30.1	29.7	41.7	91		360	5		19		36.5						0	Clear	3
32.0	28.2	26.8	35.3	74		360	10		18		36.0						0	"	4
30.0	27.4	26.4	34.5	81		040	10		20		30.5						0	"	5
28.6	25.2	23.7	29.4	75		310	8		14		35.0						0	"	6
30.0	26.3	24.3	30.3	72		130	10		12		37.0						0	"	7
33.2	21.3	27.9	37.6	74		360	6		18		33.0						0	"	8
27.0	15.5	4.5	8.4	24		360	14		17		32.5						0	"	9
28.0	14.4	-1.2	5.5	15		360	16		18		37.0						0	"	10
33.6	29.2	27.7	31.7	61		360	8		18		34.0						0	"	11
30.2	28.2	27.5	36.7	85		310	10		19		34.0						0	"	12
26.5	22.4	20.3	23.8	69		360	8		17		35.0						0	"	13
32.2	27.2	25.2	32.1	67		360	10		18		36.5						0	"	14
33.0	28.4	26.7	35.0	70		360	4		20		35.5						0	"	15
32.2	27.2	25.2	32.1	67		360	10		16		39.8						0	"	16
30.2	27.7	26.1	33.7	78		360	10		24		37.0						0	"	17
33.6	29.2	27.7	37.1	71		360	8		18		36.5						0	"	18
30.6	25.4	23.1	28.2	64		360	16		10		35.0						0	Haze	19
31.4	25.2	22.4	27.1	59		360	8		10		37.0						0	"	20
34.4	29.0	27.1	35.8	66		230	2		10		33.0						0	Clear	21
29.2	25.4	23.7	29.4	72		180	10		20		35.0						0	Cloudy	22
31.0	26.5	24.7	31.1	69		180	18		16		32,5						0	"	23
29.2	25.0	23.1	28.3	70		040	16		14								0	Fair	24
																			25
																			26
											30.0								27
29.4	26.4	24.9	31.6	77		360	19		18		30.0						0	Fair	28
28.0	25.3	23.7	29.4	78		360	21		17		31.0						0	Clear	29
27.2	26.4	26.1	33.8	94		360	20		18		31.5						0	Fair	30
																			31
30.6	25.9	23.8	30.8	69		–	11		16		34.5								Av.

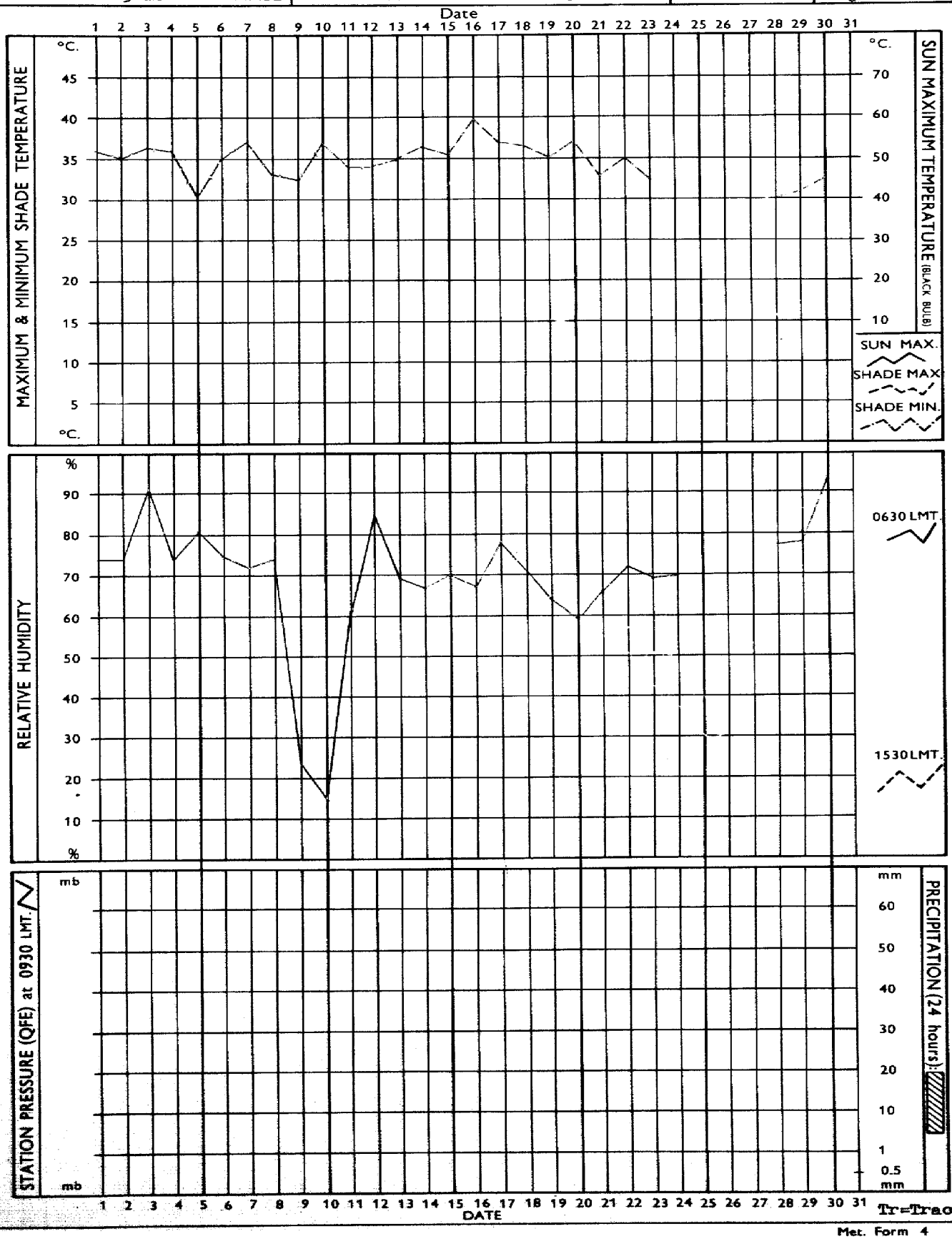
Note: All Temperature readings unreliable as they are all considerably higher than those from Kharg Island and Sheikh Shu'aib

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : November	Year : 1964
		Station : Farsi Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 28°00' N.	Long : 50°10' E.



Tr=Trace

Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	20.6	19.0	18.0	20.6	85	1016.7	340	2	0	35	30.2	24.1	21.1	25.1	58	1017.5	150	5	0	35	1
2	23.6	21.6	20.6	24.3	83	1017.9	330	1	0	30	28.8	23.4	20.7	24.5	62	1018.4	130	5	1	20	2
3	21.0	18.6	17.1	19.5	78	1017.1	320	2	0	30	27.7	22.5	19.8	23.1	62	1016.7	130	9	1	25	3
4	21.4	19.4	18.2	20.9	92	1015.6	340	1	0	40	28.0	21.6	17.9	20.6	55	1016.1	140	9	1	35	4
5	21.6	20.0	19.1	22.1	85	1016.8	300	2	0	30	28.1	22.6	19.7	23.0	60	1017.3	130	9	0	35	5
6	20.6	19.5	18.9	21.8	90	1016.6	320	2	0	40	29.8	22.0	17.7	20.2	50	1016.1	310	3	0	35	6
7	21.2	20.3	19.8	23.1	91	1016.6	310	3	0	30	31.8	18.8	8.5	11.1	24	1015.4	290	13	0	30	7
8	23.5	17.7	13.7	15.7	58	1016.2	010	3	0	35	31.3	21.3	15.3	17.3	38	1016.4	190	3	0	35	8
9	20.2	18.5	17.4	19.9	84	1016.0	330	2	0	30	29.2	22.6	19.1	22.1	53	1016.4	180	6	0	30	9
10	22.6	17.8	14.6	16.6	60	1016.7	340	3	0	35	29.5	22.6	19.0	21.9	53	1015.9	180	4	0	30	10
11	20.3	16.5	13.8	15.8	66	1016.1	310	2	0	30	29.6	20.4	14.6	16.7	40	1015.9	160	3	0	35	11
12	20.5	17.2	14.9	16.9	70	1015.7	270	1	0	25	28.1	20.8	16.4	18.6	49	1014.9	190	4	0	25	12
13	19.8	16.4	13.9	15.9	69	1016.3	320	2	0	40	28.6	20.2	14.8	16.8	43	1015.3	150	11	0	25	13
14	22.1	18.0	15.3	17.4	65	1017.1	020	2	0	40	28.3	19.3	13.2	15.2	40	1016.8	150	9	0	35	14
15	20.4	18.1	16.6	18.9	79	1018.7	340	2	0	40	29.5	18.4	10.0	12.3	30	1018.2	340	2	0	40	15
16	20.4	17.6	15.7	17.8	74	1017.6	330	1	0	40	30.3	17.7	7.2	10.2	24	1017.0	290	8	0	40	16
17	19.4	18.0	17.1	19.5	86	1018.1	290	4	0	45	28.9	21.2	16.7	19.0	48	1017.9	330	7	0	40	17
18	18.8	17.5	16.7	18.9	90	1017.3	300	2	0	40	28.4	22.0	18.5	21.3	55	1017.0	240	10	0	40	18
19	20.2	18.4	17.3	19.7	83	1017.6	300	2	0	40	27.0	20.0	15.7	17.8	50	1018.0	150	2	0	40	19
20	21.8	19.4	18.0	20.6	80	1017.8	070	2	1	40	26.4	20.9	17.7	20.2	59	1017.0	150	3	1	35	20
21	20.0	18.5	17.6	20.2	87	1015.1	310	2	4	40	26.7	20.8	17.3	19.8	57	1015.1	240	7	3	40	21
22	17.8	16.7	16.0	18.1	90	1014.0	310	2	0	40	26.0	20.7	17.6	20.1	60	1014.6	180	4	0	40	22
23	20.0	17.1	15.1	17.2	74	1014.7	320	2	0	40	26.5	20.6	17.1	19.5	56	1015.5	240	2	1	40	23
24	19.5	18.0	17.1	19.4	86	1016.5	290	3	1	35	28.3	21.4	17.5	20.0	52	1016.0	190	4	2	35	24
25	21.1	18.5	15.6	17.7	71	1016.1	330	2	4	45	27.8	21.4	17.8	20.4	54	1016.3	180	4	2	45	25
26	22.0	17.1	13.6	15.6	59	1014.8	300	9	1	15	24.8	16.4	9.6	11.9	38	1014.6	280	18	1	15	26
27	20.0	13.0	6.0	9.4	40	1014.8	330	12	6	45	24.0	14.4	5.1	8.7	29	1015.2	290	12	3	45	27
28	20.5	14.2	8.6	11.2	47	1015.8	330	12	4	40	24.1	15.5	8.1	10.7	36	1016.0	300	20	1	2	28
29	16.6	10.0	1.8	7.0	37	1016.9	330	12	0	25	21.8	12.4	1.6	6.8	26	1016.9	300	2	0	20	29
30	18.6	12.0	5.2	8.8	41	1018.5	080	7	3	10	24.2	14.0	3.4	7.8	26	1018.7	120	8	0	10	30
31																					31
Av.	20.5	17.5	15.1	17.7	73	1016.5	–	4	1	35	27.8	20.0	14.6	17.4	46	1016.4	–	7	1	32	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : November Year : 1964

Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 - 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
25.6	21.2	18.7	21.6	66	1017.3	300	2	0	30	25.8	30.3	20.4	18.9	67.0	280	13	0	Clear	1
26.5	22.3	20.1	23.5	68	1017.1	300	2	4	24	26.1	29.0	21.5	18.8	66.0		8	0	Fair	2
25.8	19.5	15.5	17.6	53	1015.3	270	2	0	20	25.7	28.7	20.7	18.9	65.2	120	13	0	Clear	3
25.4	21.6	19.6	22.8	70	1015.3	280	3	0	35	25.8	28.9	19.5	16.9	65.0	130	15	0	"	4
25.2	21.3	19.2	22.2	69	1016.6	280	2	0	30	26.5	29.1	20.6	17.5	64.7	130	9	0	"	5
25.4	21.0	18.6	21.5	66	1015.1	280	4	0	30	26.4	31.0	20.2	18.1	66.0	250	16	0	"	6
27.4	21.8	18.7	21.6	59	1014.8	310	6	0	20	26.0	33.2	21.0	19.7	68.0	290	22	0	"	7
28.0	21.4	17.6	20.2	53	1015.9	290	4	0	30	26.0	32.4	20.9	17.2	67.1	300	21	0	"	8
26.0	19.5	15.3	17.4	52	1016.2	340	1	0	20	26.1	30.0	19.2	17.2	67.5	180	6	0	"	9
27.1	19.9	15.3	17.4	49	1015.2	270	2	0	35	25.1	30.8	20.2	18.4	67.6	360	14	0	"	10
25.3	19.3	15.6	17.6	53	1015.3	280	1	0	1.5	25.5	30.2	19.6	17.0	67.8	320	11	0	"	11
24.5	18.3	14.0	16.0	42	1015.4	290	2	0	25	25.8	29.2	18.8	14.7	66.3			0	"	12
24.7	18.3	13.9	15.9	54	1016.9	310	1	0	35	25.5	29.0	19.6	16.4	66.1	140	15	0	"	13
25.7	19.2	15.0	17.1	82	1017.1	270	1	0	35	26.1	28.8	19.4	15.9	65.4	180	12	0	"	14
24.0	19.5	16.7	19.0	64	1018.0	290	2	0	40	25.5	30.5	19.2	15.0	67.5	350	6	0	"	15
25.0	18.8	14.7	16.7	53	1016.6	290	7	0	40	24.1	30.7	16.3	14.8	67.2	300	17	0	"	16
23.0	18.4	15.3	17.4	62	1017.3	280	3	0	40	24.5	29.3	18.2	16.2	66.5	260	17	0	"	17
22.6	17.9	14.7	16.7	61	1017.0	280	3	0	35	25.0	28.6	18.4	15.9	65.7	300	15	0	"	18
23.7	19.5	16.9	19.3	66	1017.9	320	2	0	40	24.5	27.8	18.2	15.4	64.6			0	"	19
22.6	18.1	15.1	17.2	63	1014.9	300	2	0	35	24.8	26.5	19.1	15.4	64.5			0	Fair	20
22.0	18.0	15.4	17.5	66	1013.8	290	1	2	40	25.3	27.2	18.2	15.0	66.4			0	P.Cloudy	21
21.9	17.4	14.2	16.2	62	1014.1	300	1	0	40	25.3	26.4	17.6	14.5	64.1			0	Clear	22
23.9	18.6	15.1	17.2	58	1015.4	280	3	2	30	25.2	27.2	17.5	14.6	63.5			0	Fair	23
24.3	18.8	15.2	17.3	57	1016.1	280	2	6	35	25.0	28.9	19.4	18.2	66.0	250	14	0	P.Cloudy	24
24.6	19.8	16.9	19.2	62	1015.4	280	2	2	30	25.5	28.0	19.6	17.2	68.6			0	"	25
21.2	14.0	7.3	10.2	40	1014.0	280	6	1	20	23.0	25.8	21.1	19.8	62.5	300	32	0	Fair	26
21.7	14.3	7.6	10.4	40	1014.4	300	7	3	40	20.2	24.6	19.8	18.8	62.1	320	34	0	P.Cloudy	27
21.5	12.8	3.4	7.8	31	1016.5	300	20	0	6	20.1	24.8	19.8	18.0	55.9	300	46	0	Sandst.	28
20.3	13.7	7.4	10.3	43	1016.7	310	1	2	20	21.2	22.0	16.4	15.6	60.2	310	35	0	Fair	29
22.9	13.8	4.7	8.5	31	1019.0	160	2	0	10	21.1	24.7	16.1	12.8	61.2	110	15	0	Haze	30
																			31
24.3	18.6	14.6	17.1	57	1016.0	-	3	1	29	24.8	28.5	19.3	16.8	65.0					Av.

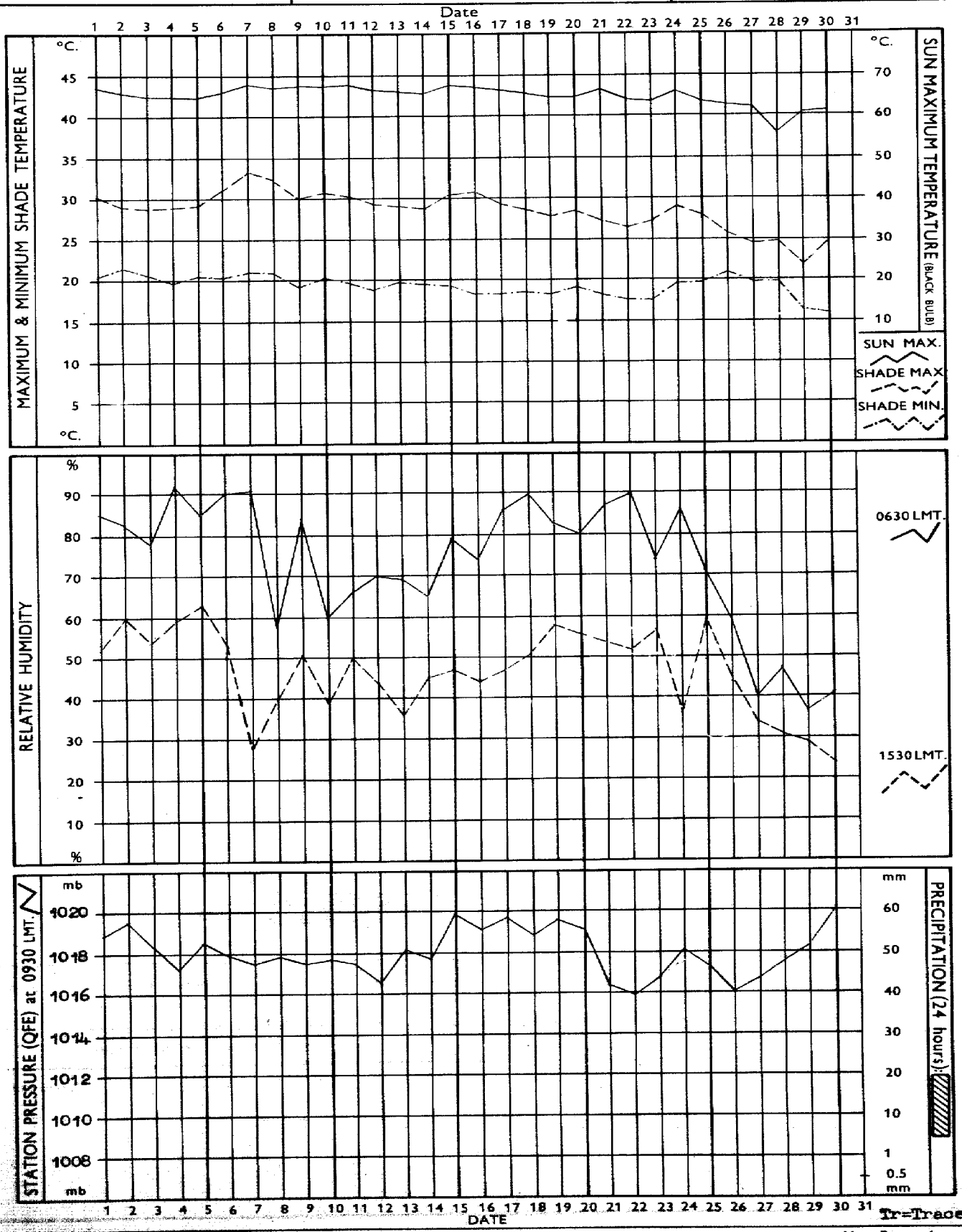
CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers

Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

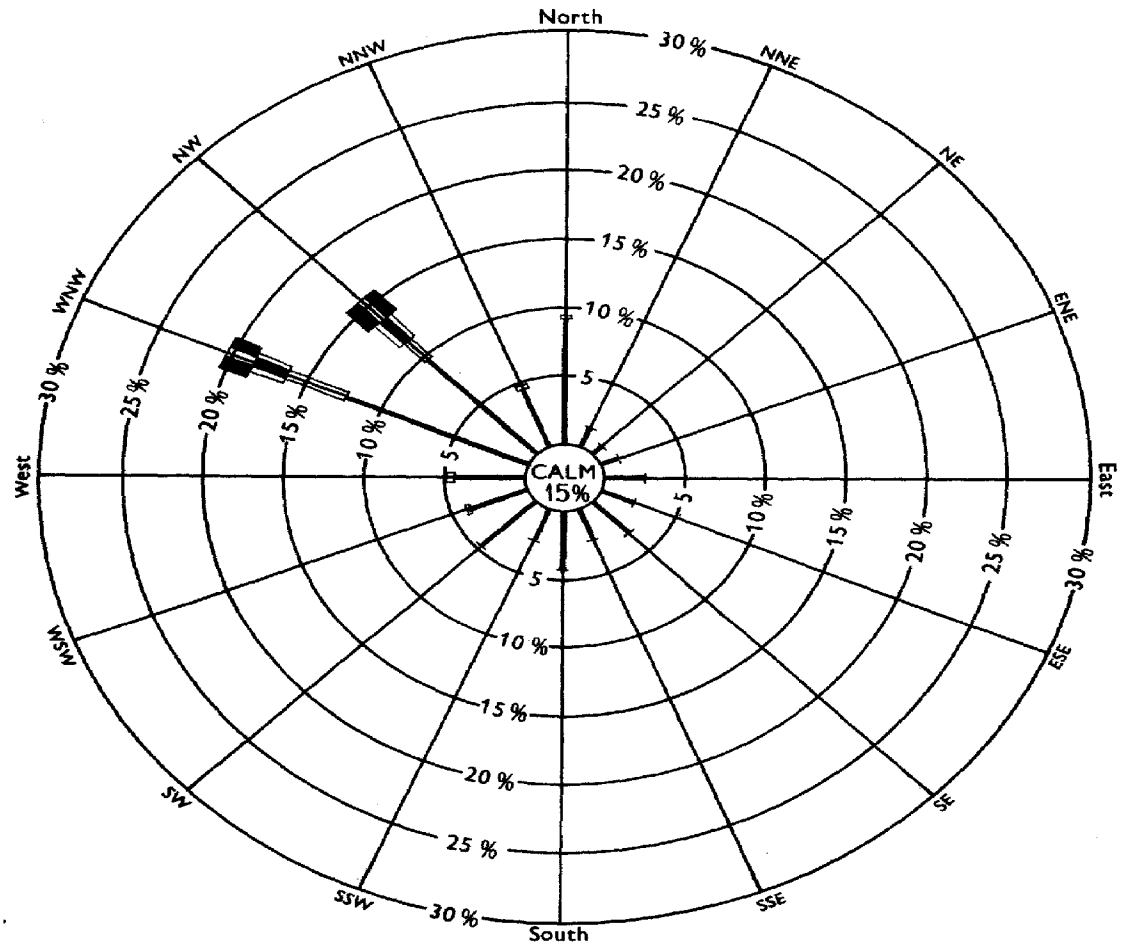
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : November	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



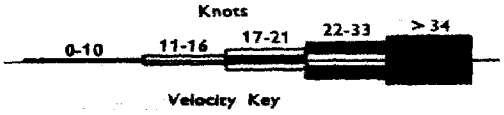
Met. Form 4

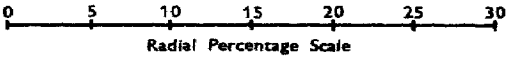
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : November	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 720

Hours recorded 720





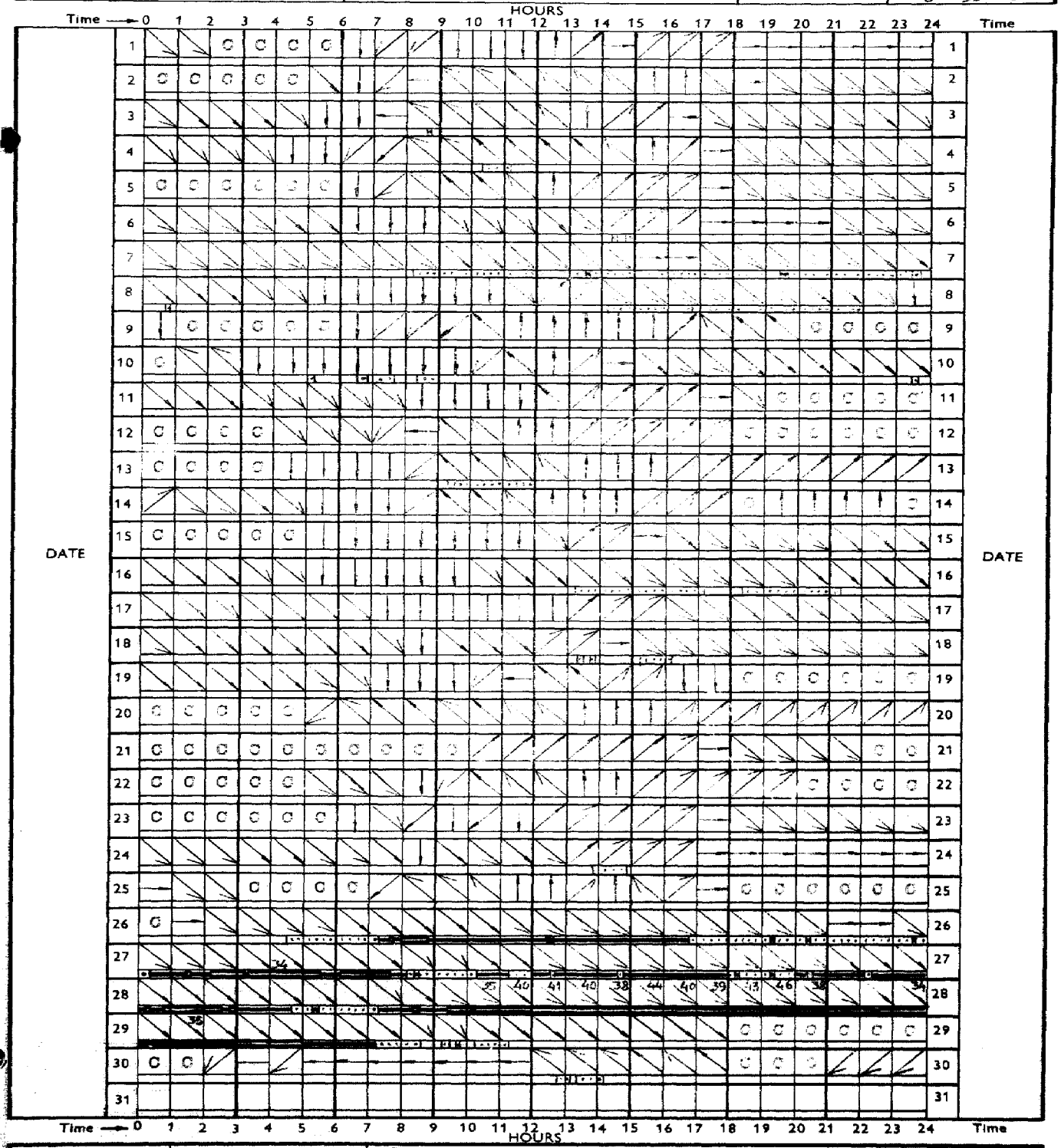
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

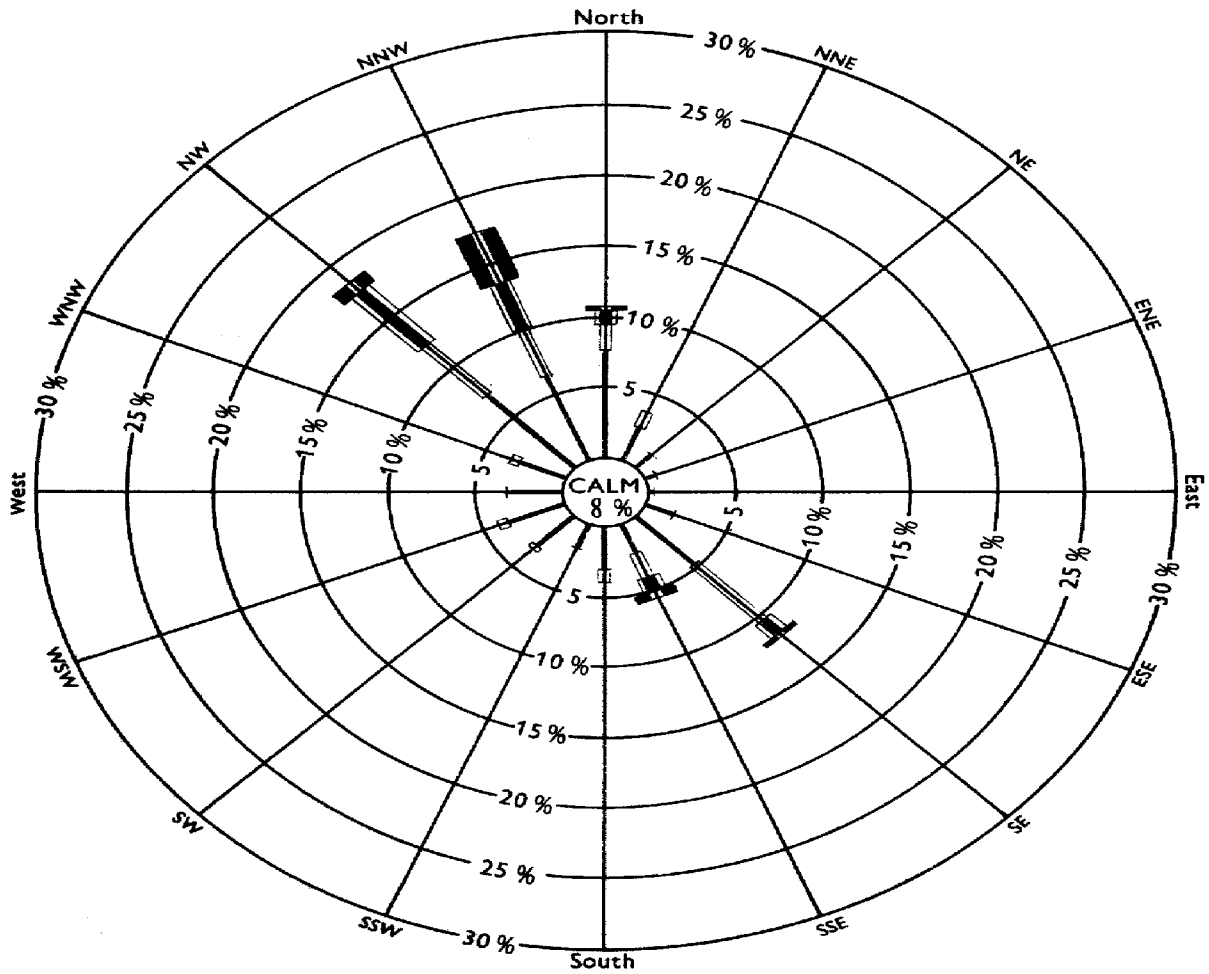
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month: [illegible]	Year: 1964
		Station: Sheikh Shu'aib	
Ground Level: 2 m. AMSL	Local Time: GMT + 3½ hrs.	Lat: 26°48' N.	Long: 53°22' E.



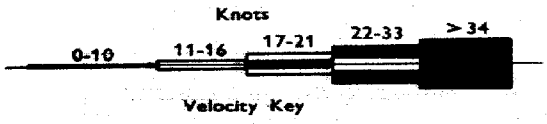
VELOCITY KEY	DIRECTION KEY	
C Calm	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW	Example: 3 4 40 — From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)
1-10 Knots		Remarks:
11-16		
17-21		
22-33		
> 34		
NR No Record.		

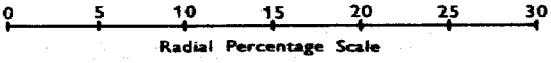
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : November	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



Hours in month 720

Hours recorded 685



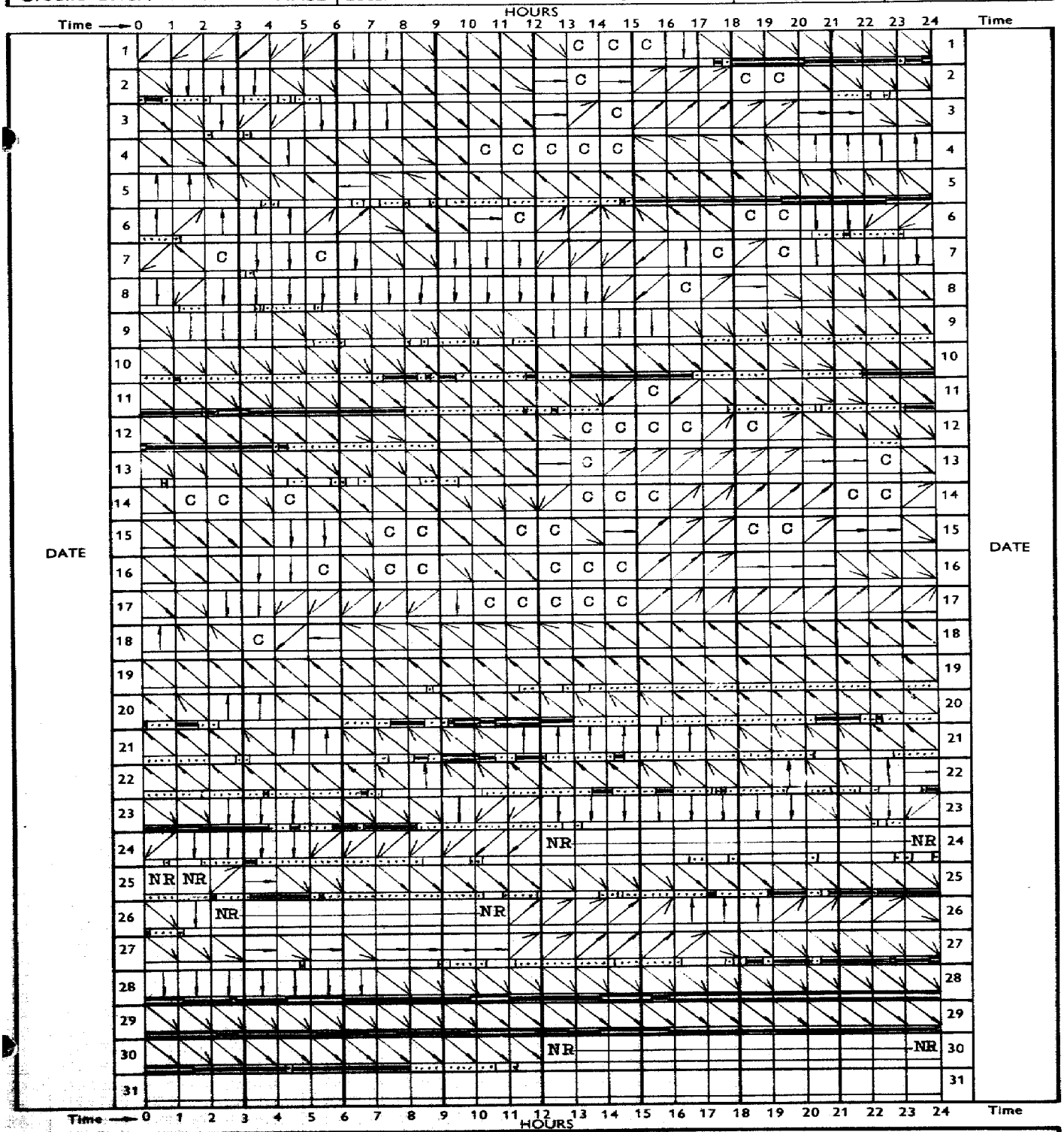


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : November	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



VELOCITY KEY	DIRECTION KEY	Example :
C Calm 1-10 Knots 11-16 17-21 22-33 > 34 NR No Record.	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW	3 4 / 40 — From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met Form 6

MEAN SEA LEVEL PRESSURE (QFF) MB

Date	Masjid-i-Sulaiman			Agha Jari			Gach Saran			Abadan		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1017.5	1017.9	1018.5	1017.3	1018.8	1018.7	1017.0	1016.3	1017.3	1017.4	1019.1	1019.4
2	1018.8	1018.6	1018.7	1020.3	1020.3	1019.4	1018.6	1017.3	1018.0	1019.8	1020.1	1018.5
3	1018.2	1017.4	1016.6	1019.3	1018.9	1016.8	1018.3	1015.9	1016.0	1018.4	1018.8	1016.3
4	1016.0	1015.8	1015.0	1017.0	1017.4	1015.8	1016.3	1015.1	1015.5	1016.4	1016.9	1014.2
5	1015.9	1015.9	1013.0	1017.1	1017.4	1014.9	1016.4	1016.1	1015.7	1014.1	1014.7	1012.5
6	1014.8	1014.7	1015.5	1015.9	1015.8	1015.9	1015.4	1014.0	1013.3	1014.5	1015.1	1015.6
7	1017.2	1017.3	1016.7	1017.6	1018.7	1017.5	1016.0	1014.6	1015.7	1017.6	1018.2	1016.9
8	1018.7	1018.5	1018.3	1019.4	1019.3	1018.5	1018.1	1016.4	1016.6	1019.1	1019.2	1018.5
9	1018.5	1018.1	1017.8	1019.1	1019.0	1017.9	1018.0	1015.6	1016.8	1019.2	1019.4	1018.2
10	1018.5	1017.8	1017.2	1020.1	1019.6	1017.7	1018.6	1016.1	1017.0	1019.7	1019.4	1017.8
11	1017.3	1016.7	1016.5	1018.9	1018.2	1017.0	1017.0	1015.1	1015.9	1018.4	1018.2	1017.0
12	1016.4	1016.1	1016.0	1017.9	1017.5	1016.5	1016.3	1014.5	1015.5	1017.3	1017.3	1016.1
13	1017.3	1017.0	1017.3	1018.3	1018.5	1017.7	1017.2	1015.8	1017.0	1018.7*	1017.8*	1017.1
14	1018.1	1017.4	1018.4	1019.1	1018.6	1018.2	1018.1	1016.1	1017.5	1018.4	1018.3	1017.5
15	1019.2	1019.6	1018.7	1020.1	1020.3	1019.3	1019.4	1017.7	1018.8	1019.6	1019.6	1018.8
16	1018.9	1018.0	1018.1	1019.8	1019.7	1018.6	1019.4	1016.7	1018.3	1019.5	1019.4	1018.2
17	1018.7	1017.7	1017.2	1019.7	1018.9	1018.3	1019.1	1016.6	1018.1	1019.2	1018.7	1017.6
18	1016.9	1017.6	1017.2	1019.1	1018.7	1017.9	1018.1	1016.3	1017.3	1017.4	1017.4	1016.4
19	1018.1	1017.5	1017.3	1018.7	1018.5	1017.8	1017.8	1016.8	1016.4	1017.2	1016.2	1016.1
20	1017.7	1014.7	1014.3	1018.1	1016.2	1014.8	1016.7	1016.2	1013.3	1015.8*	1014.6*	1012.3
21	1014.2	1011.9	1011.8	1016.4	1013.6	1013.9	1015.8	1012.7	1013.1	1012.2	1012.4	1011.3
22	1010.0	1011.7	1009.6	1013.1	1013.6	1011.8	1012.4	1012.2	1012.4	1012.2	1010.6	1010.5
23	1014.0	1015.7	1015.9	1015.8	1017.7	1017.0	1013.6	1014.4	1014.0	1016.8	1017.4	1016.7
24	1017.6	1015.6	1013.7	1018.0	1016.9	1014.7	1016.2	1015.2	1014.4	1017.9	1016.0	1013.5
25	1011.4	1013.0	1013.1	1014.7	1016.2	1015.9	1013.3	1013.0	1013.1	1014.5	1016.1	1016.7
26	1017.5	1016.3	1016.1	1018.4	1018.1	1016.8	1015.4	1013.8	1014.7	1018.2	1017.4	1015.9
27	1013.9	1013.4	1013.2	1015.9	1016.0	1014.7	1014.9	1014.7	1015.2	1015.5*	1014.4*	1015.2
28	1019.8	1021.9	1021.3	1020.9	1022.9	1022.7	1016.9	1017.6	1018.9	1021.0	1023.3	1023.0
29	1022.6	1021.2	1020.7	1023.6	1022.6	1021.6	1021.1	1018.4	1019.5	1024.0	1023.2	1021.8
30	1020.7	1021.4	1021.9	1022.5	1022.7	1022.6	1020.4	1019.1	1021.2	1021.6	1022.7	1021.8
31												
Av.	1017.1	1016.9	1016.5	1018.4	1018.4	1017.4	1017.1	1015.7	1016.2	1017.7	1017.8	1916.7

Date	Ahwaz			Bandar Mashur			Kharg Island			Sheikh Shu'aib		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1017.6	1018.8	1018.6	1017.3	1018.4	1019.0	1016.7	1018.0	1017.6	1017.1	1017.9	1017.7
2	1019.9	1020.1	1018.4	1019.9	1020.3	1018.4	1019.1	1019.7	1018.8	1018.3	1018.8	1017.5
3	1018.4	1018.2	1016.1	1018.3	1018.4	1016.0	1017.6	1017.7	1016.2	1017.5	1017.1	1015.7
4	1016.1	1016.6	1014.6	1016.2	1015.7	1014.4	1015.4	1016.3	1015.4	1016.0	1016.5	1015.7
5	1015.5	1015.7	1013.3	1015.9	1016.1	1013.5	1015.9	1017.0	1015.9	1017.2	1017.7	1017.0
6	1015.5	1014.9	1016.1	1015.6	1014.4	1014.7	1015.9	1015.3	1014.6	1017.0	1016.5	1015.5
7	1017.5	1018.3	1016.9	1016.9	1017.9	1016.8	1016.5	1017.4	1016.3	1017.0	1015.8	1015.2
8	1018.6	1019.3	1018.3	1018.3	1019.2	1017.8	1018.1	1018.6	1017.2	1016.6	1016.8	1015.7
9	1018.9	1018.8	1017.5	1018.5	1018.4	1017.1	1018.0	1018.4	1017.2	1016.4	1016.8	1016.6
10	1018.9	1018.5	1017.1	1019.2	1018.5	1017.1	1018.5	1018.6	1017.0	1017.1	1016.3	1015.6
11	1017.6	1017.6	1016.4	1017.7	1017.6	1017.2	1017.4	1017.9	1016.1	1014.5	1016.3	1015.7
12	1016.6	1017.0	1015.5	1016.8	1017.1	1015.7	1016.9	1016.9	1015.5	1016.1	1015.3	1015.8
13	1017.2	1018.2	1016.8	1017.1	1017.6	1016.6	1017.3	1017.6	1016.6	1016.7	1015.7	1017.3
14	1018.7	1018.4	1017.4	1018.1	1018.1	1017.9	1017.6	1017.7	1017.6	1017.5	1017.2	1017.5
15	1019.3	1019.5	1018.6	1019.4	1019.4	1018.5	1018.8	1019.4	1018.8	1019.1	1018.6	1018.4
16	1019.4	1019.0	1017.7	1018.9	1018.6	1017.8	1018.6	1018.4	1017.8	1018.0	1017.4	1017.0
17	1018.9	1018.1	1017.4	1018.9	1018.3	1017.3	1018.3	1018.2	1018.1	1018.5	1018.3	1017.7
18	1017.6	1018.0	1016.8	1017.8	1018.0	1017.0	1017.6	1018.2	1017.1	1017.7	1017.4	1017.4
19	1018.0	1017.7	1016.7	1017.7	1017.4	1016.6	1017.8	1017.9	1016.5	1018.0	1018.4	1018.3
20	1016.7	1014.8	1013.4	1016.5	1014.8	1013.4	1017.0	1016.8	1014.2	1018.2	1017.4	1015.3
21	1013.8	1012.5	1011.7	1013.9	1014.2	1012.0	1015.2	1014.3	1012.9	1015.5	1015.5	1014.2
22	1011.3	1011.3	1009.5	1011.6	1012.0	1010.5	1013.2	1013.8	1012.2	1014.4	1015.0	1014.5
23	1015.5	1017.4	1016.6	1015.3	1017.2	1016.3	1014.9	1015.7	1014.9	1015.1	1015.9	1015.8
24	1017.9	1016.5	1013.4	1017.3	1016.1	1013.9	1016.7	1016.3	1014.7	1016.9	1016.4	1016.5
25	1012.4	1014.8	1015.6	1014.1	1015.3	1015.5	1013.4	1015.0	1015.6	1016.5	1016.7	1015.8
26	1017.8	1017.4	1016.2	1018.4	1017.4	1016.0	1017.8	1017.4	1016.4	1015.2	1015.0	1014.4
27	1014.1	1013.5	1014.0	1014.7	1014.7	1013.9	1015.6	1015.9	1015.3	1015.2	1015.6	1014.8
28	1021.4	1022.7	1022.4	1020.9	1022.6	1022.2	1019.3	1020.9	1020.8	1016.2	1016.4	1016.9
29	1023.4	1022.5	1020.9	1022.8	1022.1	1021.5*	1021.6	1021.1	1020.0	1017.3	1017.3	1017.1
30	1021.2	1022.2	1021.8	1021.8	1022.2	1021.5	1021.1	1021.4	1021.1	1018.9	1019.1	1019.4
31												
Av.	1017.5	1017.6	1016.5	1017.5	1017.6	1016.5	1017.3	1017.6	1016.6	1016.9	1016.8	1016.4

* Values obtained from barograph.

Met. form 9

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WEATHER BUREAU

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

METEOROLOGICAL OBSERVATIONS

FOR

DECEMBER
1964

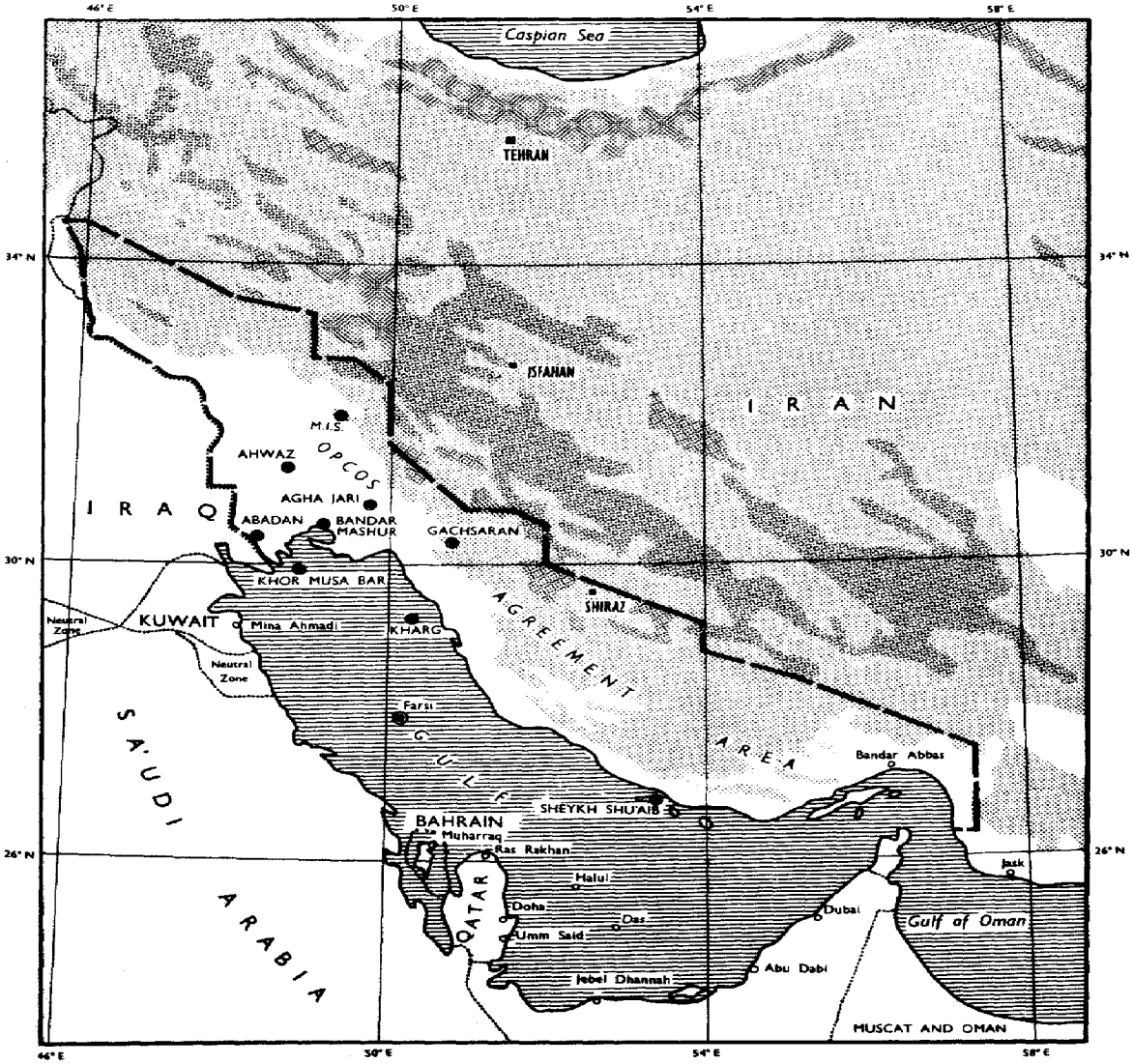
zzz.

IRANIAN OIL OPERATING COMPANIES'
WEATHER STATIONS

50 0 100 200 300 400 500

Kilometres

SCALE 1 : 8,000,000



LEGEND

Company Weather Station	KHARG
Non - company Weather Station	Jebel Dhanneh
Ground elevation over 500 metres AMSL	
Ground elevation over 2000 metres AMSL	
Companies' Agreement Boundary	
International Boundaries	

NOTE : Khor Musa Bar, weekly recording anemograph only

NOTE : Boundary extends 3 statute miles offshore from mainland and adjacent islands

Met Form No 1

223.

WEATHER BULLETIN.

December 1964.

CONTENTS.

The following stations are included in this bulletin.

Station	Index Number	Latitude	Longitude	Height AMSL	Page
Masjid-i-Sulaiman (Airport) 1)	40 812	31°59' N	49°16' E	362 m.	5
Agha Jari (Ummidieh airport) 1)	40 833	30°44' N	49°40' E	29 m.	10
Gach Saran (Du Gombadan airport) 1)	40 835	30°20' N	50°50' E	709 m.	15
Ahwaz (Airport) 2)	-	31°20' N	48°45' E	21 m.	18
Abadan (IOOC airport) 2)	-	30°22' N	48°13' E	3 m.	21
Bandar Mashur (Marine Department) 3)	40 832	30°30' N	49°12' E	3 m.	24
Kharg Island (Airport) 1)	40 845	29°16' N	50°20' E	3 m.	29
Farsi Island (I.I. Navy) 4)	-	28°00' N	50°10' E	3 m.	34
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	36
Khor Musa (Instrument platform) 5)	-	30°00' N	49°02' E	6 m.	41

1) International Synoptic and Aeronautical Station.
2) Climatological and Aeronautical Station.
3) International Synoptic Station.
4) Climatological Station.
5) Wind recording only.

REMARKS.

See "Remarks" in the July 1964 bulletin.

WEATHER.

The following table gives the departures from the normal December values of certain meteorological elements (+ = higher than normal; - = lower than normal).

	Maximum Temperature °C	Minimum Temperature °C	Ground Minimum Temp. °C	Sun Maximum Temperature °C	Sea Temperature °C	Relative Humidity Average of day %	Rainfall in December % of normal	Seasonal Rainfall (October-December) % of normal	Station Pressure mb
Masjid-i-Sulaiman	-1.7	-1.8	-1.6	-1.7		+11	115	82	+1.0
Agha Jari	-2.7	-2.8		-5.3		+11	122	117	+2.2
Gach Saran	-2.7	-3.9	-2.1	-6.5		- 5	260	147	+0.4
Ahwaz	-1.6	+0.1					168	107	
Abadan	-1.3	-3.9				-11	61	32	+2.0
Bandar Mashur	-2.5	-0.8		+0.2			324	197	+2.5
Kharg Island	-2.1	-2.3	-1.0	+1.5		- 2	3860	725	+2.0
Sheikh Shu'aib	-2.9	-1.9	+0.1	-2.8	-3.0	- 4	1757	432	+2.5

During the period 11th - 14th exceptional rainfalls occurred in Fields. The following table gives the 12-hourly rainfalls for these days.

	11th 0630-1830	11th-12th 1830-0630	12th 0630-1830	12th-13th 1830-0630	13th 0630-1830	13th-14th 1830-0630	14th 0630-1830
Masjid-i-Sulaiman	1.3	3.3	28.5	25.4	1.6	3.6	0.0
Agha Jari	2.3	7.9	17.8	14.1	4.6	0.0	0.0
Gach Saran	0.6	7.9	35.4	16.0	31.1	0.0	0.0
Ahwaz	3.0	Tr.	8.8	22.4	Tr.	0.0	0.0
Abadan	Tr.	3.1	7.2	Tr.	0.0	0.0	0.0
Bandar Mashur	0.0	13.6	89.7		0.0	0.0	0.0
Kharg Island	7.6	23.2	173.3	37.6	64.8	0.0	0.0
Sheikh Shu'aib	0.0	Tr.	0.0	2.0	3.0	25.0	66.0

OPTICAL PHENOMENA.

Halo phenomena (22° halo if not otherwise indicated) was observed at Fields Meteorological Stations at the following occasions.

Date	Time	Station	Type	Remarks	Clouds
8th	0730-0745	Abadan	Solar	Upper half, weak colurs.	6/8 Cs
9th	1207	Agha Jari	"	Upper parts, sharp colours.	8/8 Cs
15th	2030	Kharg Island	Lunar	Complete.	8/8 Cs
18th	1900-2330	Abadan	"	From 1935 at times complete. At 2315 almost complete with moon near zenith.	8/8 Cs
	2200	Gach Saran	"		8/8 Cs
	1900-2000	Kharg Island	"	Complete. Very clear.	8/8 Cs
21st	1555	M-i-S	Solar	Complete.	7/8 Cs
22nd	1320	Agha Jari	"	Upper parts.	6/8 Cs
23rd	1040	"	"	Complete.	5/8 Cs
	1045	Abadan	"	Upper ¾. Weak.	5/8 Cs
	1110	"	"	Upper parts. Weak.	6/8 Cs
	1400-1445	Gach Saran	"		6/8 Cs
24th	0930	"	"		7/8 Ac, 2/8 Cs
	1050-1230	Abadan	"	At 1135 complete with weak colours, otherwise only small parts and no colours.	3/8 Ac, 7/8 Cs
	1127	Agha Jari	"	Upper parts.	3/8 Ac, 5/8 Cs

Rainbow was observed at the following occasions.

Date	Time	Station	Remarks
16th	1135-1145	Kharg Island	

EARTHTREMORS, ETC.

Earthtremors were observed at the following occasions.

Date	Time	Station	Remarks
27th	1400	Gach Saran	Very weak, lasting for a second or two.

T. Bergquist

T. Bergquist
Meteorologist
IMCOS Ltd.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month : December Year : 1964

Local Time : GMT + 3½ hrs.

STATION	Maximum Temperature Monthly Average °C	Maximum Temperature Monthly Highest °C	Maximum Temperature Monthly Highest Date	Minimum Temperature Monthly Average °C	Minimum Temperature Monthly Lowest °C	Minimum Temperature Monthly Lowest Date	Ground Min. Temperature Monthly Average °C	Ground Min. Temperature Monthly Lowest °C	Ground Min. Temperature Monthly Lowest Date	Sea Temp Monthly Average °C	Sun Maximum Temperature Monthly Average °C	Sun Maximum Temperature Monthly Highest °C	Sun Maximum Temperature Monthly Highest Date	Humidity Rel. Hum. Daily avr. %	Humidity Rel. Hum. 1530 (avr.) %	Humidity Rel. Hum. 0630 (avr.) %	Humidity Dew Point Depression at 0930 °C	Humidity Vapour Pressure at 0930 mb	Rainfall Monthly Total mm	Rainfall Maximum in 24 hrs. mm	Rainfall Maximum in 24 hrs. Date	Station Pressure (QFE) at 0930 Monthly Average mb	Station Pressure (QFE) at 0930 Monthly Highest mb	Station Pressure (QFE) at 0930 Monthly Highest Date	Station Pressure (QFE) at 0930 Monthly Lowest mb	Station Pressure (QFE) at 0930 Monthly Lowest Date	Maximum Wind Velocity Velocity kts.	Maximum Wind Velocity Direction degr.	Maximum Wind Velocity Date
Masjid-i-Sulaiman	17.5	23.6	9	6.8	2.4	29	4.0	-0.7	30		44.5	54.5	8	67	54	77	6.0	9.3	71.2	31.8	12	978.7	984.5	3	972.4	17	30	050	11
Agha Jari	18.9	25.4	9	5.6	0.9	4	3.9	-1.1	4		49.1	60.5	9	63	47	74	7.4	8.5	66.4	25.7	12	1020.0	1025.7	3	1014.4	17	45	140	11
Gach Saran	16.4	22.6	8	2.5	-2.4	4	1.8	-3.0	4		43.5	53.0	24	60	41	79	9.0	6.8	121.6	47.1	13	937.5	943.2	3	930.9	17			
Ahwaz	18.1	24.3	8	5.7	0.8	28		-0.2	29					71	54	84	4.6	9.2	50.5	22.4	13	1019.8	1025.6	3	1013.7	31			
Abadan	18.4	26.6	8	5.0	0.0	29	3.7	-1.4	29					67	49	85	5.4	8.9	22.1	10.3	12	1022.2	1027.9	3	1016.4	31			
Bandar Mashur	17.6	22.5	6	7.4	2.9	28	6.1	1.8	29		45.8	53.2	3	70		77	5.1	9.0	122.4	89.7	13	1021.8	1027.5	3	1015.8	31			
Kharg Island	19.0	23.5	9	13.2	8.4	31	11.2	5.2	30		52.1	61.0	7	64	56	72	8.0	11.7	328.4	196.5	12	1021.4	1027.2	3	1015.7	17	38	120	11
Farsi Island	No data received.																												
Sheikh Shu'aib	21.7	25.5	8	14.7	11.4	22	12.3	8.9	30	20.2	55.9	65.5	10	60	49	68	9.7	12.5	210.8	91.0	14	1021.9	1026.9	3	1016.7	31	40	130	14
Khor Musa																											44	130	11

NUMBER OF DAYS WITH:

STATION	Cloudiness Daily Average	Cloudiness ≤ 2/8 at 0930	Cloudiness ≥ 7/8 at 0930	24 Hour Rainfall ≥ 1 inch	24 Hour Rainfall ≥ 10 mm	24 Hour Rainfall 5.0 – 9.9 mm	24 Hour Rainfall 1.0 – 4.9 mm	24 Hour Rainfall 0.1 – 0.9 mm	24 Hour Rainfall ≥ 0.1 mm	Thunderstorms	Dust (Vis.≤1km.)	Fog (Vis.≤1km.)	Horizontal Visibility ≥ 30 km.	Horizontal Visibility 15-30 km.	Horizontal Visibility 5-15 km.	Horizontal Visibility 2-5 km.	Horizontal Visibility 1-2 km.	Horizontal Visibility 500 - 1000 m.	Horizontal Visibility 200 - 500 m.	Horizontal Visibility ≤ 200 m.	Minimum Temperature ≥ 35.0°C.	Minimum Temperature 30.0 - 34.9°C.	Minimum Temperature 20.0 - 29.9°C.	Minimum Temperature 10.0 - 19.9°C.	Minimum Temperature 0.0 - 9.9°C.	Minimum Temperature < 0.0°C.	Maximum Temperature ≥ 45.0°C.	Maximum Temperature 40.0 - 44.9°C.	Maximum Temperature 30.0 - 39.9°C.	Maximum Temperature 20.0 - 29.9°C.	Maximum Temperature 10.0 - 19.9°C.	Maximum Temperature < 10.0°C.
Masjid-i-Sulaiman	3.5	16	12	2	2	1	2	1	6	2	0	0	1	12	16	2	0	0	0	0	0	0	0	0	26	0	0	0	0	0	22	0
Agha Jari	3.1	17	10	1	2	1	4	0	7	0	0	6	9	6	5	5	0	0	2	4	0	0	0	0	23	0	0	0	0	0	19	0
Gach Saran	3.2	18	10	3	3	0	1	2	6	0	0	3	7	11	5	3	2	1	0	2	0	0	0	11	20	0	0	0	0	0	27	0
Ahwaz	3.5	16	12	0	2	2	2	1	7	0	0	5	1	14	8	2	1	0	0	3	0	0	0	0	25	0	0	0	0	0	21	0
Abadan	3.4	17	12	0	1	0	4	3	8	2	0	3	0	13	13	2	0	0	1	2	0	0	0	0	27	0	0	0	0	0	19	0
Bandar Mashur	3.2	15	10	1	2	1	3	1	7	3	0	2	12	14	3	0	0	1	1	0	0	0	0	0	23	0	0	0	0	0	21	0
Kharg Island	3.0	17	9	2	3	1	2	1	7	2	0	0	10	15	4	0	0	2	0	0	0	0	28	3	0	0	0	0	0	0	18	0
Farsi Island	No data received.																															
Sheikh Shu'aib	3.4	15	8	3	4	4	0	0	5	0	0	0	0	9	1	1	0	0	0	0	0	0	31	0	0	0	0	0	0	0	29	2
Khor Musa																																

Met Form 2

226.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Masjid-i-Sulaiman

Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°59' N. | Long : 49°16' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	7.9	5.0	0.6	6.4	60	979.8	–	0	0	30	21.6	11.4	-1.7	5.3	21	980.0	080	5	0	30	1
2	6.6	4.6	1.7	6.9	70	981.1	–	0	0	35	19.1	11.7	3.4	7.9	36	982.5	–	0	1	20	2
3	6.3	3.0	-2.4	5.0	52	983.3	300	4	0	20	18.9	11.0	1.4	6.8	31	983.6	290	4	0	30	3
4	7.2	4.0	-1.1	5.6	55	983.7	–	0	0	20	17.9	10.7	2.2	7.1	35	982.5	300	4	0	30	4
5	7.2	4.3	-0.2	6.0	59	981.7	–	0	0	25	18.4	11.6	4.1	8.2	39	981.1	260	4	0	30	5
6	8.1	4.4	-1.5	5.4	50	980.2	–	0	1	15	19.2	12.1	4.6	8.5	38	980.7	–	0	4	25	6
7	7.8	4.8	0.3	6.3	59	980.8	–	0	1	15	19.6	12.4	4.8	8.7	38	981.0	270	4	0	15	7
8	8.6	6.0	2.4	7.3	66	979.3	–	0	1	20	21.2	13.2	5.1	8.9	35	978.5	270	2	2	20	8
9	14.1	8.8	2.1	7.1	44	977.9	–	0	6	15	21.7	12.6	2.6	7.4	28	977.2	060	10	6	5	9
10	18.0	13.3	9.1	11.6	56	976.4	060	10	3	12	20.1	11.0	-0.5	5.9	25	977.7	120	6	8	20	10
11	12.1	9.9	7.6	10.5	74	977.8	070	28	8	12	14.8	11.3	7.8	10.6	62	976.9	080	15	8	40	11
12	14.4	12.8	11.4	13.5	83	974.6	090	3	8	12	11.5	10.7	9.8	12.2	91	974.2	090	15	8	4	12
13	12.4	12.3	12.2	14.3	99	972.0	150	15	7	15	14.6	13.6	12.8	14.8	89	973.0	130	5	5	15	13
14	9.0	8.8	8.6	11.2	98	975.8	–	0	0	10	15.0	13.1	11.5	13.6	80	974.7	270	4	0	15	14
15	12.2	8.0	2.5	7.4	52	974.9	080	2	7	15	15.2	10.6	5.6	9.2	53	976.0	060	10	4	40	15
16	11.2	10.2	9.2	11.7	87	975.7	–	0	5	15	13.8	12.2	10.8	13.0	83	973.0	300	5	7	10	16
17	10.9	10.9	10.9	13.1	100	970.9	300	6	8	5	10.3	10.1	10.0	12.3	98	972.1	270	3	8	6	17
18	9.3	8.4	7.4	10.3	88	976.8	120	4	4	12	13.0	10.4	7.8	10.6	71	978.2	120	2	3	10	18
19	5.0	4.6	4.1	8.2	94	977.9	–	0	0	15	11.6	9.6	7.4	10.4	79	977.3	270	7	1	10	19
20	4.8	4.6	4.4	8.4	97	977.7	–	0	0	10	11.8	9.1	6.1	9.4	68	977.2	–	0	1	15	20
21	5.4	3.9	1.7	6.9	77	979.4	–	0	0	10	11.6	8.1	3.8	8.0	58	979.9	300	2	1	15	21
22	5.0	4.2	3.0	7.6	87	981.1	–	0	0	20	13.7	9.4	5.8	9.2	63	980.7	–	0	7	15	22
23	5.5	5.1	4.5	8.5	94	979.0	–	0	2	12	14.2	10.3	6.1	9.4	58	977.8	–	0	8	10	23
24	10.0	8.9	7.8	10.6	86	974.7	–	0	8	12	17.1	10.5	2.8	7.5	38	973.7	140	10	5	20	24
25	13.9	10.9	8.0	10.7	67	975.3	–	0	8	10	13.5	11.2	9.0	11.5	74	976.2	090	8	8	12	25
26	7.2	6.8	6.3	9.6	94	978.8	300	5	1	25	13.6	11.6	9.7	12.1	78	979.0	280	5	0	50	26
27	6.3	6.1	5.8	9.3	97	978.5	–	0	0	8	14.0	10.9	7.8	10.6	66	978.6	300	6	0	12	27
28	5.3	4.6	3.8	8.0	89	976.9	–	0	0	20	13.3	8.7	3.0	7.6	50	976.6	270	2	0	40	28
29	4.3	3.2	1.4	6.8	82	976.5	–	0	0	15	13.9	9.1	3.2	7.7	48	976.1	270	2	0	15	29
30	4.6	4.0	3.1	7.7	91	974.6	–	0	0	20	13.5	8.8	3.0	7.6	49	973.7	–	0	3	15	30
31	7.6	6.6	5.4	9.0	86	971.5	–	0	8	12	12.4	9.4	6.1	9.4	65	971.5	300	10	8	12	31
Av.	8.7	6.9	4.5	8.7	77	977.6	–	3	3	16	15.5	10.9	5.7	9.4	56	977.6	–	5	3	20	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: December Year: 1964

Station: Masjid-i-Sulaiman

Ground Level: 362 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 31°59' N. | Long: 49°16' E.

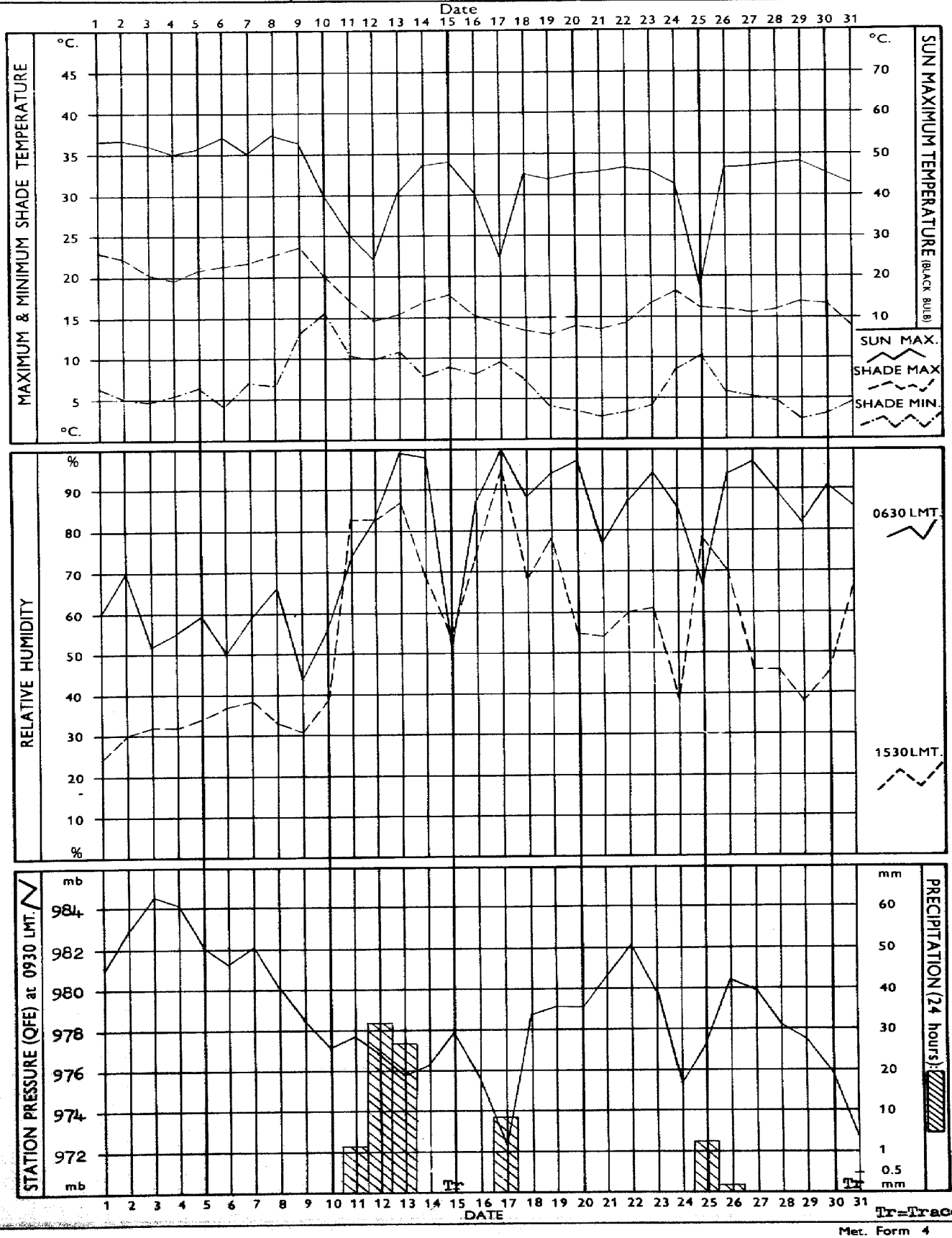
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
15.7	9.6	2.1	7.1	40	979.0	280	2	1	30		22.9	6.4	2.2	53.1	070	15	0	Clear	1
15.0	9.2	2.0	7.1	42	981.6	300	5	0	30		22.2	5.0	1.0	53.4	250	7	0	"	2
14.6	10.5	6.2	9.5	57	982.5	–	0	1	20		20.3	4.8	0.0	52.2	260	8	0	"	3
15.6	9.8	2.8	7.5	42	981.3	320	2	0	30		19.8	5.4	1.0	50.0	270	11	0	"	4
15.3	9.7	2.9	7.6	44	980.1	–	0	0	30		21.0	6.6	1.8	51.4	260	8	0	"	5
14.4	9.8	4.5	8.5	52	980.7	300	4	1	30		21.4	4.1	1.7	54.0	240	6	0	P.Cloudy	6
16.0	10.4	4.1	8.2	45	979.2	–	0	0	20		21.8	7.0	2.0	50.0	270	8	0	Haze	7
18.0	11.6	4.7	8.6	42	976.8	300	2	8	40		22.7	6.8	1.7	54.5	280	9	0	P.Cloudy	8
18.2	10.8	7.0	7.1	34	976.0	–	0	6	20		23.6	12.9	9.3	53.2	070	22	0	Haze	9
16.6	11.9	7.2	10.2	54	976.3	190	10	8	8		20.2	15.6	9.3	40.3	050	18	0	"	10
11.7	10.3	8.9	11.4	83	976.3	090	10	8	15		17.2	10.3	8.4	30.3	050	30	1.3	Rain	11
11.9	10.7	9.5	11.9	85	972.0	060	18	8	15		14.9	9.9	8.9	24.8	060	27	31.8	Th.storm	12
13.4	13.0	12.8	14.7	96	973.7	150	2	6	12		15.5	10.7	9.4	41.2			27.0	Rain	13
13.5	11.9	10.4	12.7	82	975.0	–	0	0	30		17.0	7.7	6.2	47.3	270	6	0	Mist	14
14.0	12.7	11.5	13.7	85	975.3	060	2	3	30		17.8	8.9	7.1	48.2	070	17	Tr.	Rainsh.	15
14.3	12.0	9.9	12.2	75	970.6	330	4	7	30		15.2	8.0	6.7	41.0			0	Mist	16
10.4	9.9	9.4	11.9	94	973.2	–	0	3	12		14.3	9.4	9.8	25.2	250	8	8.4	Rain	17
10.3	8.7	6.9	10.0	80	978.4	320	4	2	10		13.5	7.3		45.1	110	10	0	Mist	18
9.8	8.8	7.7	10.6	87	977.1	–	0	0	20		13.0	4.0	2.1	43.8	270	8	0	"	19
10.2	9.0	7.7	10.6	85	977.6	300	2	0	20		13.9	3.6	1.4	45.0	260	8	0	"	20
10.2	7.5	4.1	8.2	66	979.8	300	5	7	30		13.6	2.8	0.6	45.4	270	10	0	"	21
10.2	8.9	7.5	10.4	83	979.4	–	0	4	30		14.3	3.2	1.2	46.9	280	2	0	P.Cloudy	22
12.6	11.0	9.4	11.9	81	975.6	–	0	3	10		16.7	4.0	1.7	46.0	270	2	0	Mist	23
16.0	10.8	5.1	8.8	48	973.5	120	5	6	30		18.2	8.6	6.8	43.1	120	15	0	Cloudy	24
11.1	9.1	6.9	10.0	75	977.9	070	12	8	12		16.2	10.1	9.8	18.0	080	20	2.5	Th.storm	25
11.7	10.5	8.5	11.2	79	979.5	–	0	0	30		16.0	5.8	4.6	46.6	030	10	0.2	Fair	26
12.0	9.0	5.6	9.1	65	978.1	330	4	0	40		15.6	5.1	2.3	46.8	280	10	0	Mist	27
10.3	7.6	4.3	8.3	66	977.3	–	0	0	30		16.1	4.6	0.6	47.6	270	8	0	Clear	28
11.0	8.5	5.6	9.1	70	975.6	–	0	0	20		17.0	2.4	−0.6	48.0	250	7	0	"	29
11.2	8.4	5.1	8.8	66	972.3	–	0	5	15		16.8	3.1	−0.7	45.4	250	6	0	P.Cloudy	30
12.0	9.5	6.7	9.9	70	971.1	–	0	7	12		14.0	4.4	3.9	43.0	280	9	Tr.	Rain	31
13.1	10.0	6.7	9.9	67	976.9	–	3	3	23		17.5	6.8	4.0	44.5			71.2		Av.

CODE FOR REMARKS (continued)

Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

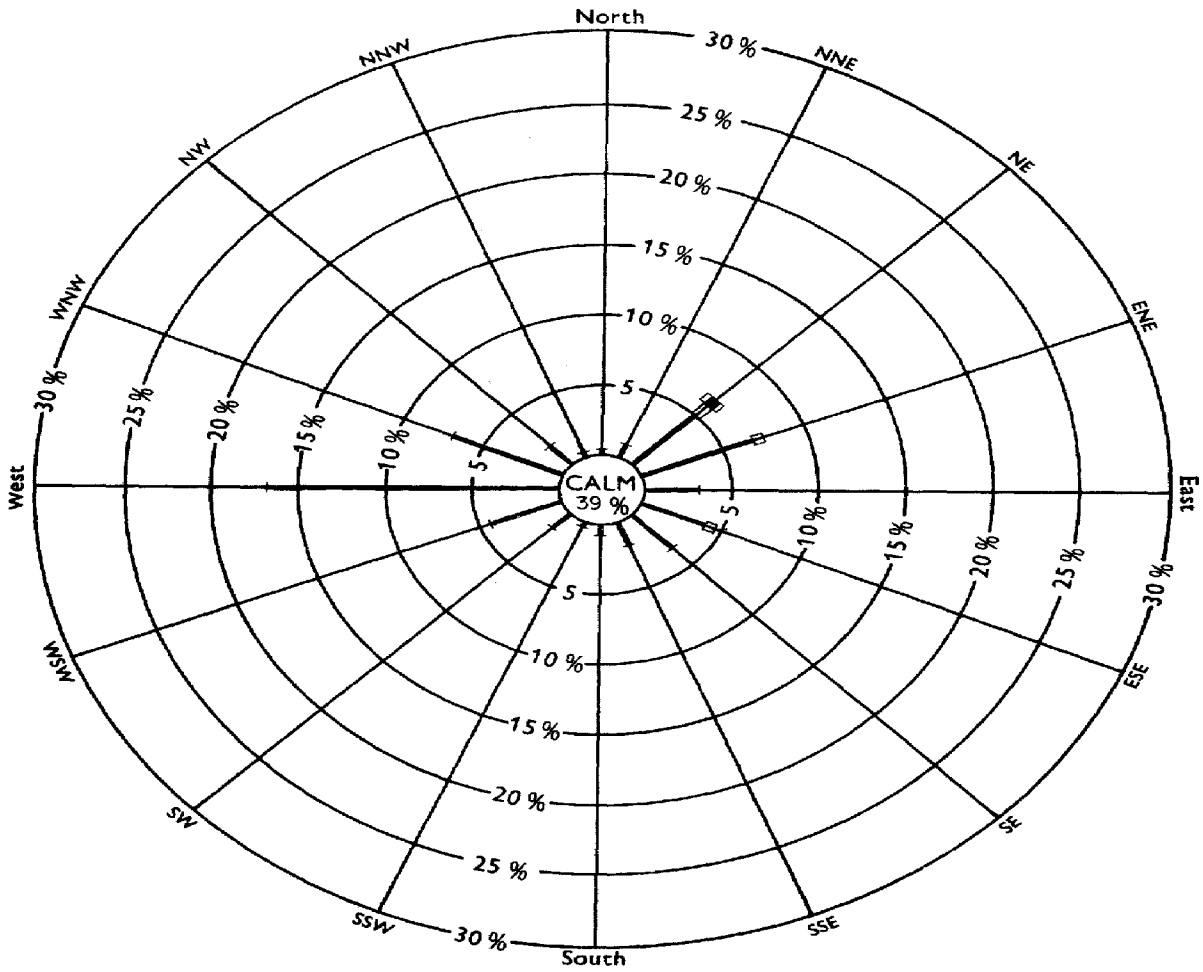
IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : December	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Tr=Trace

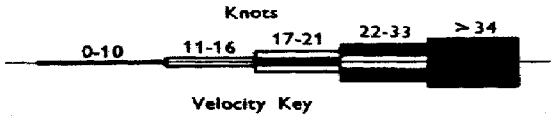
Met. Form 4

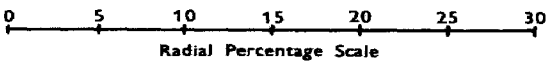
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : December	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Hours in month 744

Hours recorded 706





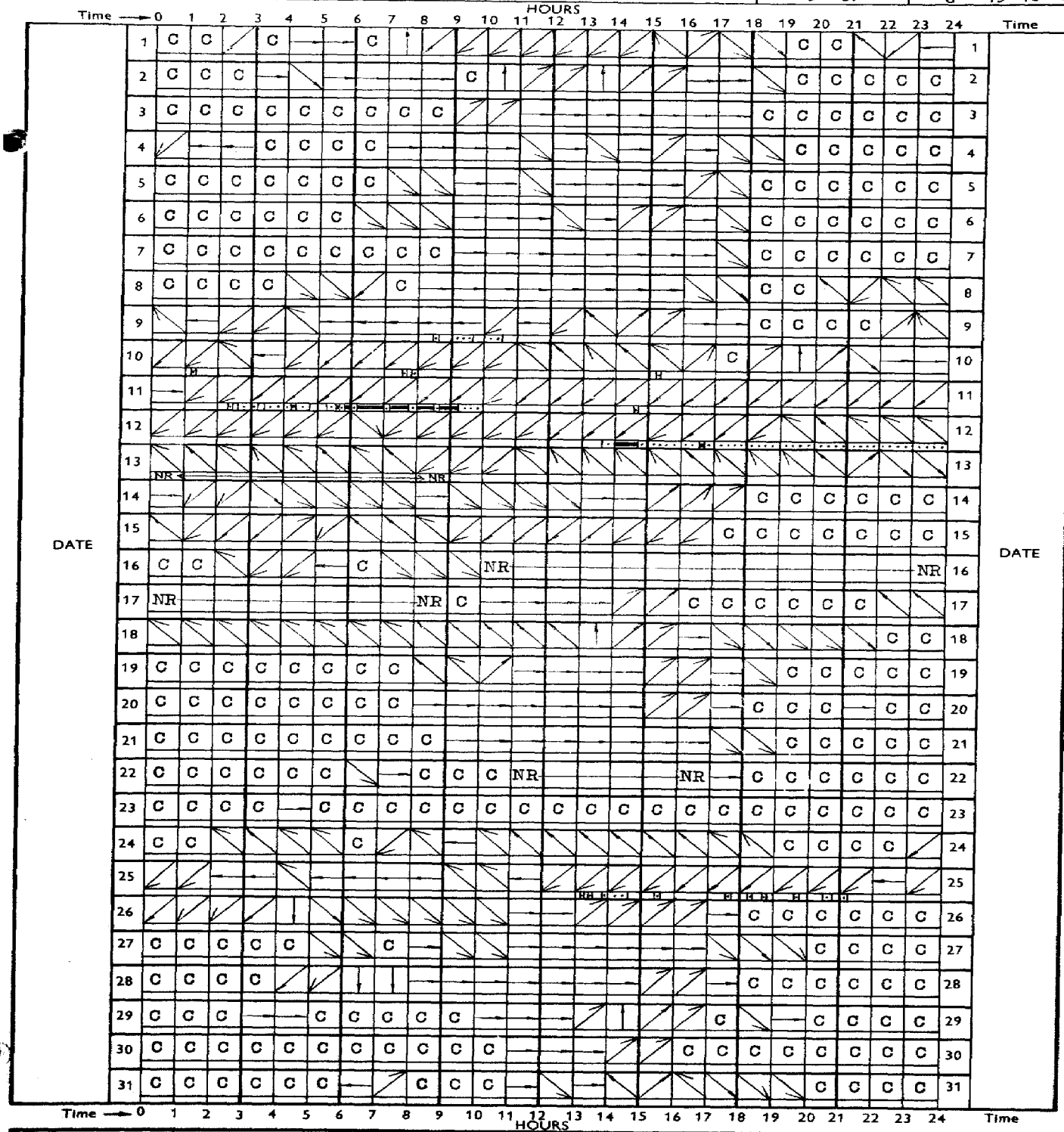
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

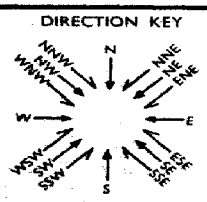
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : December	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



3 40 4 Example : From 0300 to 0400 hrs. NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Agha Jari

Ground Level : [illegible] AMSL | Local Time : GMT + 3½ hrs. | Lat : [illegible] N. | Long : [illegible] E.

Date	Observations at 0630										Observations at 1230										Dat
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	2.6	-0.1	-5.4	4.1	56	1020.4	-	0	0	30	20.6	10.9	-2.0	5.2	21	1020.6	-	0	0	30	1
2	3.0	0.3	-5.6	3.9	51	1022.2	-	0	0	30	21.3	10.6	-4.4	4.3	17	1022.7	-	0	0	40	2
3	3.0	0.0	-6.1	3.7	49	1023.9	-	0	0	30	20.5	10.2	-4.5	4.2	17	1024.5	-	0	0	40	3
4	2.4	-0.3	-5.6	3.8	52	1024.7	-	0	0	30	18.0	10.3	-5.2	4.0	19	1023.6	300	2	0	40	4
5	2.0	-1.0	-7.3	3.5	50	1022.0	-	0	0	30	20.1	10.2	-5.3	4.2	20	1022.2	-	0	0	40	5
6	4.0	0.4	-7.5	3.4	42	1021.1	-	0	2	30	20.0	10.5	-2.3	5.1	22	1021.7	-	0	3	30	6
7	3.8	0.4	-6.7	3.5	44	1021.6	-	0	0	30	20.4	10.7	-2.2	5.1	21	1021.6	-	0	0	30	7
8	3.2	0.0	-6.6	3.6	47	1020.2	-	0	0	30	21.9	11.8	-0.7	5.8	22	1019.3	-	0	0	30	8
9	7.2	3.5	-2.8	4.9	48	1018.5	-	0	6	30	24.4	14.2	-9.4	2.8	9	1017.3	220	10	8	30	9
10	17.8	10.0	-0.1	6.1	30	1015.7	130	6	8	20	22.7	14.5	-3.1	4.8	17	1017.0	140	6	8	30	10
11	18.4	10.0	-1.3	5.5	26	1017.1	130	22	7	15	23.5	12.1	-2.4	5.0	17	1015.0	070	22	4	15	11
12	14.4	12.5	10.8	13.0	80	1015.2	130	22	8	20	14.5	12.1	9.9	12.2	74	1015.2	080	15	8	20	12
13	13.6	13.0	12.4	14.5	93	1013.0	130	15	8	6	15.2	14.5	13.1	15.2	82	1014.5	120	18	8	30	13
14	8.2	7.7	7.2	10.2	94	1016.4	-	0	0	30	16.6	14.1	12.0	14.1	75	1015.6	-	0	2	15	14
15	11.1	10.9	10.8	13.0	98	1016.7	-	0	8	12	14.5	13.1	12.0	14.0	85	1017.1	300	4	4	12	15
16	12.5	12.2	12.0	14.0	97	1015.7	-	0	x	0.1	16.7	14.8	13.4	15.4	81	1013.0	320	6	8	40	16
17	12.5	12.3	12.2	14.2	98	1013.8	320	1	x	0.5	14.7	13.0	11.4	13.6	81	1013.7	320	8	7	20	17
18	6.6	6.4	6.1	9.4	96	1021.2	-	0	x	0.2	14.2	13.7	13.3	15.3	44	1020.2	290	4	1	15	18
19	6.6	5.9	5.0	8.8	90	1019.3	-	0	8	15	14.7	9.6	3.4	7.9	47	1019.1	320	12	1	40	19
20	4.5	4.2	3.8	8.1	96	1019.4	-	0	0	20	14.5	10.6	6.4	9.7	59	1018.9	320	6	0	20	20
21	2.5	2.0	1.2	6.7	92	1021.3	-	0	0	12	13.3	10.5	7.6	10.5	69	1021.3	310	7	0	12	21
22	3.2	2.3	0.8	6.5	85	1022.7	-	0	0	15	12.2	10.1	8.0	10.7	75	1023.0	-	0	6	9	22
23	4.6	3.8	2.7	7.4	87	1020.8	-	0	0	15	13.9	9.4	4.0	8.2	52	1019.2	-	0	6	20	23
24	8.7	7.4	5.8	9.3	82	1015.2	-	0	3	15	16.6	12.3	8.2	10.9	58	1014.4	120	15	8	30	24
25	12.3	10.9	9.6	12.0	84	1015.6	130	10	7	30	17.2	14.8	13.0	15.0	76	1017.1	130	2	8	30	25
26	9.4	9.0	8.6	11.2	95	1019.4	330	8	1	20	16.0	12.7	9.8	12.1	67	1020.2	320	15	1	40	26
27	3.9	3.1	2.0	7.1	88	1020.8	-	0	0	12	11.6	9.5	7.3	10.3	76	1020.3	300	2	0	12	27
28	2.7	2.2	1.4	6.8	92	1019.0	-	0	0	15	11.6	9.1	6.3	9.6	70	1018.8	310	2	0	10	28
29	2.6	2.0	0.8	6.5	88	1018.0	-	0	0	15	11.9	9.4	6.7	9.8	71	1017.9	300	1	0	20	29
30	3.6	3.0	2.1	7.1	90	1016.3	-	0	0	20	13.6	10.2	6.5	9.7	62	1015.3	-	0	2	12	30
31	6.2	5.3	4.0	8.2	86	1012.9	-	0	3	30	15.2	11.1	7.0	10.0	58	1012.7	160	7	4	30	31
Av.	7.0	4.8	2.1	7.7	74	1018.7	-	3	3	19	16.9	11.4	4.5	9.2	50	1018.5	-	5	3	26	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Agha Jari

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long : 49°40' E.

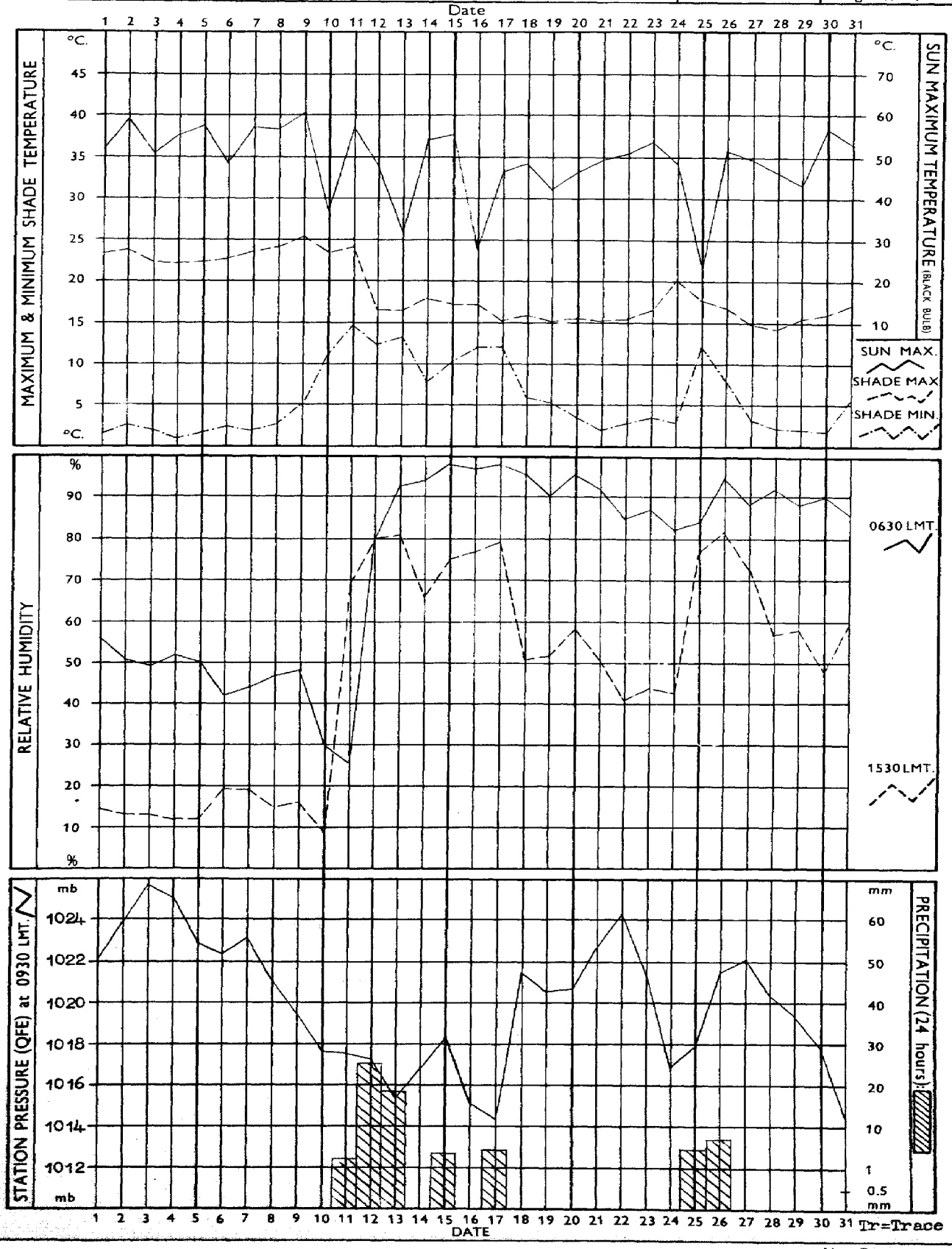
Observations at 1830											Extreme Temperature				Max. Wind				
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity	24 hour Rainfall (1830 – 1830)	Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
15.2	7.6	-4.0	4.4	26	1020.0	–	0	0	30		23.3	1.3	-0.5	52.0	270	8	0	Clear	1
16.0	6.8	-1.2	5.6	31	1022.3	–	0	0	40		23.8	2.5	0.3	58.5	270	9	0	"	2
15.3	7.2	-6.1	3.7	21	1023.1	–	0	1	40		22.4	1.9	-0.2	51.1			0	"	3
12.9	6.1	-5.1	4.0	27	1022.3	300	4	0	40		22.3	0.9	-1.1	55.2	290	17	0	"	4
14.4	6.7	-6.1	3.7	23	1021.1	310	4	0	40		22.4	1.6	-0.5	57.5	280	21	0	"	5
14.0	7.0	-3.9	4.4	28	1021.0	–	0	2	30		22.8	2.2	0.4	48.6	300	10	0	Fair	6
15.0	8.2	-1.5	5.5	32	1019.7	–	0	0	30		23.5	1.8	0.3	57.2	300	13	0	Clear	7
17.7	9.0	-3.7	4.4	22	1017.1	–	0	6	30		24.0	2.5	0.2	56.5	280	12	0	Fair	8
16.7	8.7	-2.7	4.9	26	1016.3	–	0	6	30		25.4	5.0	2.4	60.5	180	18	0	Cloudy	9
17.8	12.5	7.3	10.3	52	1017.6	200	12	8	30		23.6	11.1	9.5	37.2	170	42	0	O-cast	10
15.0	11.6	8.2	10.9	64	1015.6	090	16	8	25		24.0	14.5	12.2	57.0	140	45	2.3	Rain	11
14.5	13.0	11.7	13.8	83	1013.1	100	15	8	30		16.7	12.3	10.7	48.0	090	35	25.7	"	12
14.7	13.8	13.1	15.0	90	1015.6	170	6	6	40		16.5	13.3	12.2	32.1	110	45	18.7	"	13
14.8	13.5	12.5	14.5	86	1016.0	–	0	1	30		18.0	7.7	6.4	54.2	290	12	0	Fog	14
14.1	13.2	12.4	14.5	90	1016.3	310	6	4	20		17.2	10.2	9.2	55.4	290	11	3.4	Rain	15
15.0	13.6	12.5	14.5	85	1010.8	–	0	8	40		17.2	12.0	11.5	28.0			0	Fog	16
13.3	12.0	10.8	13.0	85	1015.4	–	0	3	20		15.3	12.1	11.1	46.9			4.3	Rain	17
12.9	10.6	8.3	11.0	74	1019.4	310	4	5	30		15.9	6.1	5.2	48.5	300	11	0	Fog	18
11.4	9.4	7.2	10.2	76	1018.6	320	10	2	40		15.1	5.1	3.6	42.4	290	18	0	P.Cloudy	19
12.0	10.1	8.2	10.9	78	1019.2	300	6	0	30		15.5	3.6	1.3	46.6	290	19	0	Mist	20
11.7	9.5	7.2	10.2	74	1021.5	310	6	6	40		15.1	2.0	0.1	49.3	280	18	0	"	21
11.8	9.2	6.4	9.6	69	1021.5	270	3	7	15		15.5	2.5	0.4	51.2	290	15	0	"	22
13.3	10.0	6.4	9.7	64	1017.9	–	0	1	40		16.6	3.4	1.8	53.9			0	"	23
15.6	12.5	9.7	12.0	67	1014.3	140	7	3	30		20.1	2.7	0.2	48.9	150	21	0	Cloudy	24
14.0	13.1	12.4	14.4	90	1019.5	–	0	8	15		17.8	11.9	10.9	23.7	100	12	4.8	Rain	25
12.1	11.4	10.8	12.9	91	1020.6	290	15	0	3		16.8	8.1	7.0	51.5	300	18	7.2	Mist	26
12.4	11.6	10.8	13.0	90	1019.1	330	6	0	15		14.9	3.1	1.9	49.5	300	15	0	"	27
10.7	9.1	7.4	10.3	80	1018.8	–	0	0	30		14.2	2.0	0.1	46.5	280	12	0	"	28
11.5	9.1	6.2	9.7	71	1017.0	320	2	0	30		15.5	1.9	0.0	43.4			0	Fog	29
12.0	9.8	7.5	10.4	74	1013.5	–	0	2	40		16.1	1.8	1.0	56.8	280	7	0	Mist	30
14.4	11.0	7.5	10.4	64	1012.2	–	0	6	20		17.1	5.6	3.6	53.5			0	P.Cloudy	31
16.0	12.1	8.1	11.2	62	1019.6	–	8	3	26		19.0	13.2	11.2	52.1			~~128.1~~ 66.4		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

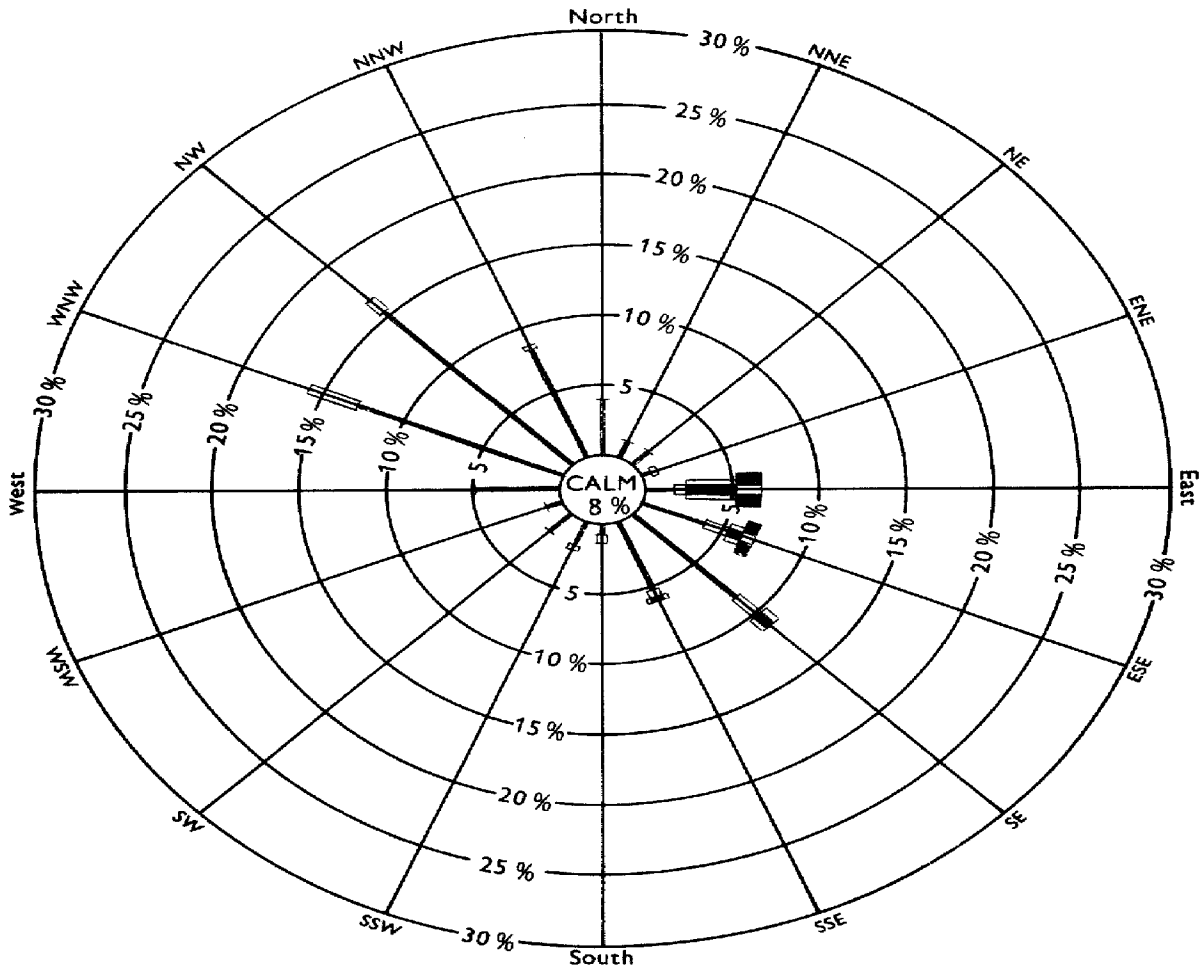
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : December	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



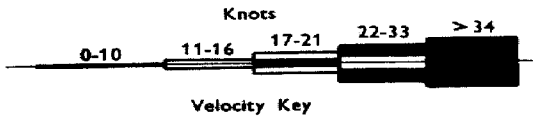
Met. Form 4

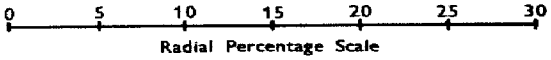
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : December	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Hours in month 744

Hours recorded 711





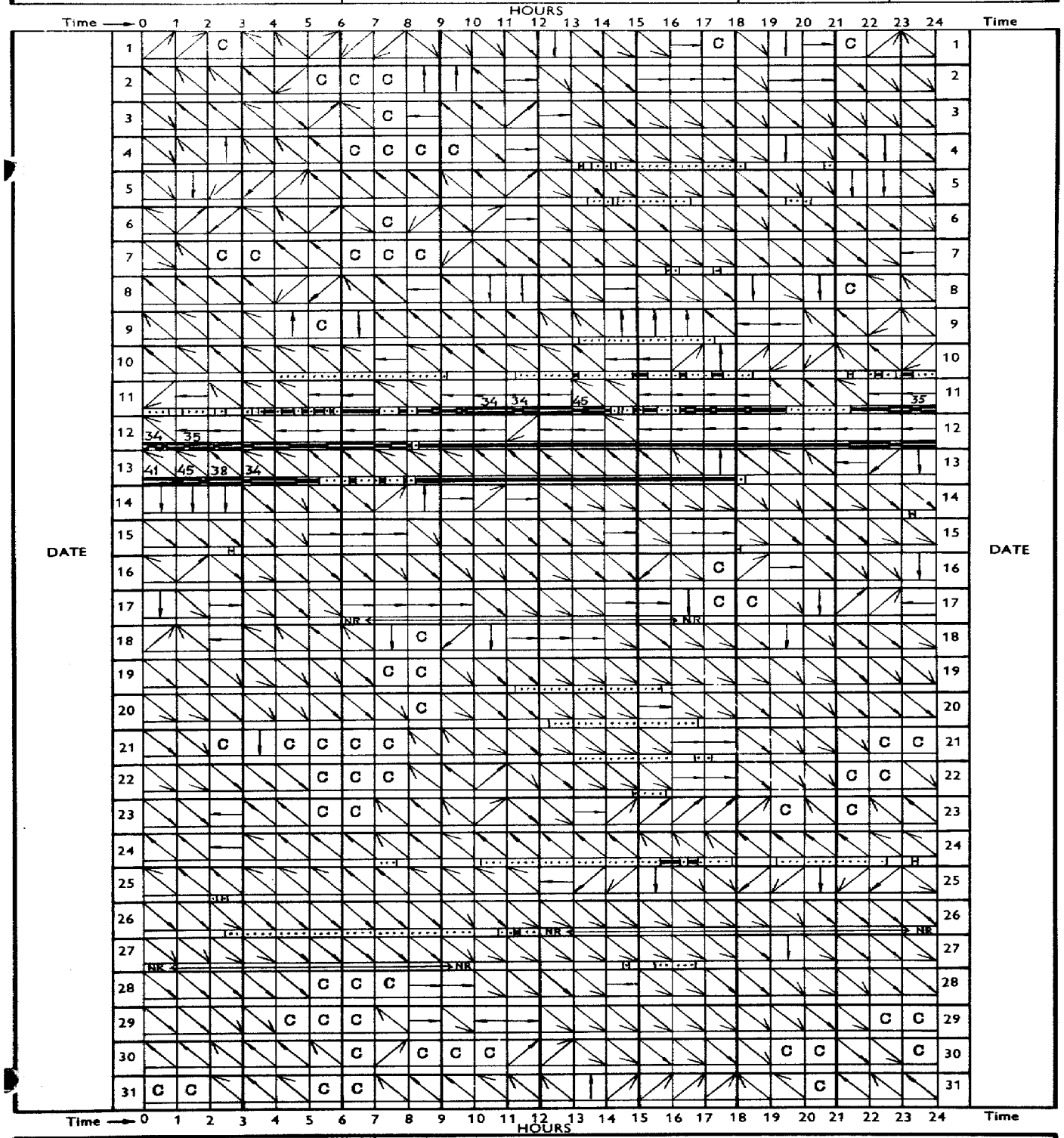
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks :

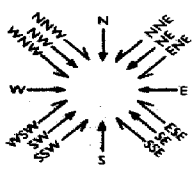
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : December	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



3 40 4 Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : December Year : 1964
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Gach Saran
		Lat : 30°20' N. Long : 50°50' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	1.0	-0.3	-2.5	5.1	77	939.1	-	0	0	30	18.5	7.5	-15.4	1.6	8	939.0	140	8	0	40	1
2	0.0	-2.0	-6.2	3.8	79	940.3	-	0	0	30	17.8	6.4	-17.4	0.5	2	940.5	140	8	0	40	2
3	-1.0	-2.8	-6.7	3.7	66	942.0	-	0	0	20	15.6	7.1	-10.6	2.5	13	942.0	-	0	0	40	3
4	-1.0	-2.8	-6.7	3.7	66	942.1	-	0	0	20	17.1	7.6	-5.9	2.9	15	941.0	130	2	0	40	4
5	-0.2	-2.5	-7.9	3.4	57	940.3	-	0	0	40	17.5	8.3	-5.7	3.5	17	939.6	-	0	0	40	5
6	0.0	-2.5	-9.1	3.1	50	939.1	-	0	1	30	18.7	8.6	-8.2	3.1	14	939.2	-	0	1	40	6
7	1.9	-1.0	-8.0	3.4	48	940.0	-	0	0	40	19.5	10.3	-2.2	5.1	22	939.3	-	0	0	40	7
8	1.5	-1.4	-8.8	3.2	47	938.6	-	0	0	40	21.2	10.5	-4.3	4.3	17	937.7	-	0	1	40	8
9	4.1	0.5	-6.8	3.5	43	937.5	-	0	5	40	19.1	7.8	-15.6	1.6	7	937.1	140	11	8	40	9
10	11.4	3.8	-13.6	1.9	14	936.5	130	8	8	30	16.1	5.7	-22.6	0.8	4	936.9	150	14	8	40	10
11	10.0	6.5	1.7	6.9	56	936.8	140	14	7	20	15.2	7.1	-6.2	3.6	21	936.2	090	10	8	40	11
12	9.1	8.6	8.1	10.8	94	935.0	130	12	8	4	9.6	8.7	7.8	10.6	89	935.0	140	16	7	20	12
13	9.6	9.5	9.4	11.8	99	932.4	150	10	8	4	10.0	9.6	8.7	11.2	96	933.9	040	8	8	4	13
14	3.0	2.7	2.2	7.2	95	934.2	-	0	0	20	14.3	9.5	3.9	8.1	50	933.0	150	10	5	30	14
15	9.3	7.7	5.8	9.3	79	934.4	150	8	8	8	14.9	10.5	5.7	9.2	54	934.8	120	10	7	20	15
16	10.2	8.7	7.1	10.1	81	933.5	-	0	8	5	13.3	9.7	5.7	9.2	60	931.3	120	10	8	20	16
17	10.0	9.8	9.6	12.0	98	929.2	-	0	8	10	10.0	9.8	9.6	12.0	98	931.0	280	10	8	2	17
18	2.5	2.4	2.3	7.2	99	936.2	-	0	0	0.5	12.4	8.7	4.3	8.3	58	935.8	140	8	2	20	18
19	2.8	2.6	2.2	7.2	97	935.6	-	0	5	10	12.5	8.7	4.2	8.3	57	935.6	-	0	3	30	19
20	2.2	2.2	2.2	7.2	100	935.4	-	0	0	0.1	11.8	9.1	6.0	9.4	68	934.9	-	0	1	30	20
21	0.8	0.8	0.8	6.5	100	937.1	-	0	0	0.1	12.1	8.6	4.4	8.4	60	937.3	-	0	1	40	21
22	0.6	0.5	0.3	6.3	99	938.6	-	0	0	2	13.0	8.8	3.7	8.0	54	938.6	-	0	7	20	22
23	4.6	4.1	3.4	7.8	92	937.2	130	2	0	12	15.5	9.9	3.2	7.7	44	936.3	120	3	2	40	23
24	6.6	5.8	4.7	8.6	88	933.8	-	0	6	20	16.8	10.7	3.8	8.0	42	933.4	150	12	8	40	24
25	6.1	5.4	4.4	8.4	89	934.7	-	0	5	20	14.0	10.1	5.9	9.3	58	935.2	-	0	7	30	25
26	9.2	7.7	5.9	9.3	80	936.0	-	0	8	15	14.2	9.8	4.8	8.6	53	936.5	-	0	2	30	26
27	2.5	2.4	2.2	7.2	98	936.9	-	0	0	1.5	13.5	8.9	3.3	7.7	50	936.0	300	2	0	40	27
28	1.4	1.1	0.6	6.4	95	934.8	-	0	0	20	13.9	6.1	-7.8	3.2	20	934.7	150	10	0	40	28
29	0.5	0.2	-0.4	5.9	94	935.0	-	0	0	20	14.0	6.4	-6.6	3.5	22	934.7	140	5	0	40	29
30	1.0	0.6	0.0	6.1	93	932.7	-	0	1	20	13.2	6.5	-4.1	4.4	29	932.4	-	0	1	40	30
31	3.0	2.3	1.2	6.7	89	930.6	-	0	2	20	13.1	8.1	1.6	6.8	45	930.5	150	7	6	40	31
Av.	4.0	2.6	-0.1	6.9	79	936.3	-	2	3	18	14.8	8.6	-1.9	6.1	40	936.1	-	5	4	33	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8
Fair : Average of cloudiness = 1/8 – 2/8
P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8
Cloudy : Average of cloudiness = 6/8 – 7/8
O – cast : Overcast. Average of cloudiness = 8/8
Haze : Visibility reduced by dry particles
Mist : Visibility reduced by wet particles
Dust : Dust suspended in the air. Vis. ≤ 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°20' N. | Long : 50°50' E.

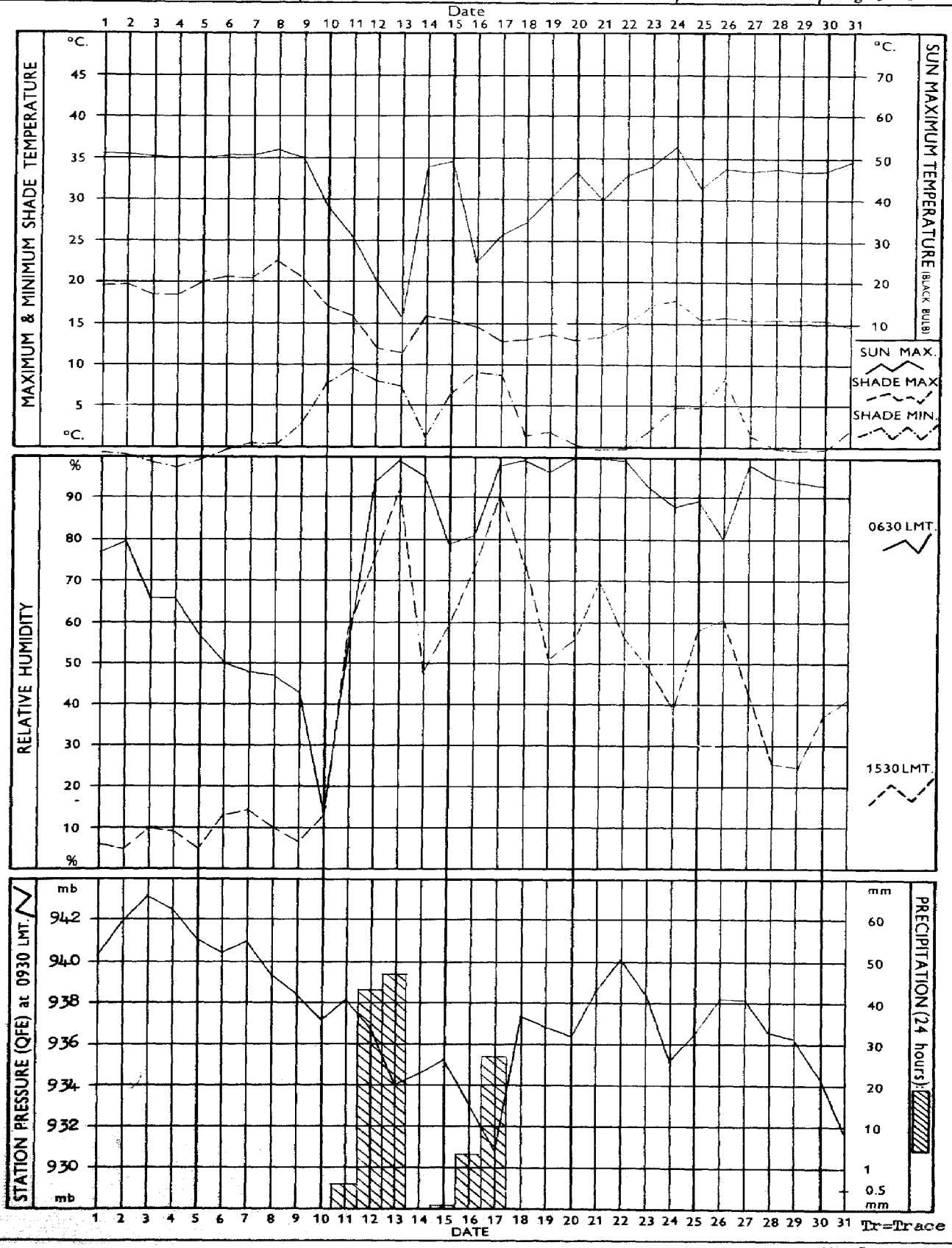
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
12.3	6.0	-4.2	4.3	30	938.4	–	0	0	40		19.5	-0.8	-2.0	51.2			0	Clear	1
11.2	5.2	-5.0	4.0	30	940.6	280	4	0	40		19.7	-1.1	-2.4	51.2			0	"	2
11.8	4.8	-8.3	3.0	22	941.6	280	4	0	40		18.4	-1.8	-2.8	50.2			0	"	3
10.9	4.7	-6.4	3.6	28	940.3	–	0	0	30		18.4	-2.4	-3.0	50.0			0	"	4
11.9	4.9	-8.3	3.1	22	938.9	290	6	0	40		19.9	-1.4	-2.5	50.1			0	"	5
12.7	6.0	-5.0	4.0	27	939.3	300	5	2	40		20.6	-0.5	-1.8	50.7			0	Fair	6
13.1	6.4	-4.4	4.2	28	938.2	–	0	0	40		20.4	0.2	-0.1	50.7			0	Clear	7
13.9	7.3	-2.5	5.0	32	935.9	270	5	1	40		22.6	0.2	-0.8	52.1			0	Fair	8
14.9	7.0	-5.9	3.7	22	935.8	–	0	7	40		20.6	2.8	2.0	50.0			0	Cloudy	9
15.1	6.8	-7.4	3.3	19	936.2	100	15	8	20		17.2	7.7	6.5	38.3			0	O-cast	10
11.0	7.7	3.5	7.9	60	935.8	150	15	8	30		16.0	5.5	8.0	31.0			0.6	Rain	11
9.6	9.0	8.4	11.0	92	932.8	140	10	8	6		12.1	8.0	7.4	20.1			43.3	"	12
7.9	6.9	5.6	9.1	85	933.9	130	10	5	20		11.5	7.4	8.0	12.1			47.1	"	13
10.9	9.3	7.6	10.5	81	934.0	110	5	1	40		15.9	1.2	0.3	47.9			0	Fair	14
12.4	10.9	9.4	11.8	75	934.3	–	0	7	30		15.3	6.4	4.8	48.9			0.1	Rain	15
11.1	9.0	6.7	9.8	74	929.2	130	10	8	15		14.5	9.1	8.8	25.1			3.4	"	16
9.1	8.4	7.7	10.5	91	932.3	260	5	4	15		12.9	8.8	8.8	31.5			27.1	"	17
8.9	7.9	6.8	9.9	87	935.8	270	5	3	20		13.3	1.2	1.3	34.5			0	Fog	18
8.9	7.8	6.6	9.7	85	934.4	–	0	4	20		13.7	1.7	1.0	40.8			0	Mist	19
8.6	7.6	6.5	9.7	87	935.7	270	2	0	20		13.0	0.3	0.5	46.8			0	Fog	20
8.3	7.0	5.5	9.0	82	935.6	–	0	2	20		13.5	-0.3	0.1	40.2			0	"	21
9.5	8.2	6.8	9.9	83	938.0	–	0	2	20		14.9	-0.2	-1.0	46.3			0	Mist	22
11.7	9.7	7.6	10.5	76	935.1	–	0	1	40		17.1	2.1	1.0	48.1			0	Fair	23
12.9	10.1	7.2	10.2	69	933.8	120	6	7	30		17.8	4.8	3.3	53.0			0	Cloudy	24
11.3	8.9	6.2	9.5	71	936.0	270	5	8	20		15.6	4.8	3.7	42.8			0	"	25
10.0	7.4	4.1	8.2	67	937.0	260	12	0	30		15.7	8.4	7.9	47.6			0	P.Cloudy	26
9.7	7.0	3.6	7.9	65	935.5	260	8	0	40		15.4	1.5	1.0	47.0			0	Mist	27
8.9	6.5	3.3	7.8	68	935.4	–	0	0	40		15.5	-0.1	-1.1	47.8			0	Clear	28
9.7	6.8	3.0	7.6	63	933.6	–	0	0	40		15.5	-0.5	-2.0	47.2			0	"	29
9.4	6.9	3.7	7.9	67	931.4	250	4	4	40		15.6	-0.3	-1.2	47.1			0	Fair	30
10.4	8.0	5.1	8.8	70	929.8	–	0	4	30		14.8	2.1	1.3	49.0			0	P.Cloudy	31
10.9	7.4	2.2	7.6	60	935.6	–	4	3	30		16.4	2.5	1.8	43.5			121.6		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: December	Year: 1964
		Station: Gach Saran	
Ground Level: 709 m. AMSL	Local Time: GMT + 3½ hrs.	Lat: 30°20' N.	Long: 50°50' E.



IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : December Year : 1964
Ground Level : 21 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Ahwaz
		Lat : 31°20' N. Long : 48°45' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	3.4	1.8	-0.7	5.8	74	1020.6	360	4	1	15	18.0	11.0	2.8	7.5	36	1020.8	-	0	0	30	1
2	3.0	0.8	-3.2	4.7	62	1021.9	-	0	0	20	20.2	12.0	2.8	7.5	32	1022.7	-	0	0	30	2
3	3.2	1.5	-1.4	5.5	71	1024.2	-	0	0	40	19.3	12.2	4.6	8.5	38	1024.7	-	0	0	30	3
4	5.0	2.7	-1.1	5.6	65	1024.6	-	0	0	30	19.2	10.0	-2.7	4.9	22	1023.6	280	12	0	40	4
5	5.2	3.2	0.0	6.1	70	1022.4	-	0	0	20	19.2	10.7	0.0	6.1	27	1022.2	300	12	0	25	5
6	4.8	3.0	0.1	6.2	75	1021.2	280	6	2	15	18.6	11.3	2.9	7.6	36	1021.6	300	4	4	25	6
7	5.4	3.9	1.6	6.9	77	1021.5	-	0	0	20	18.8	11.8	4.2	8.2	38	1021.8	-	0	0	30	7
8	4.6	2.7	-0.6	5.9	70	1019.9	290	4	4	20	20.4	13.0	5.6	9.1	39	1019.3	280	6	4	25	8
9	7.7	5.4	2.2	7.2	68	1017.8	300	7	6	20	18.3	12.7	7.3	10.2	49	1017.7	100	3	7	40	9
10	13.4	9.6	5.3	9.0	60	1016.5	110	10	8	20	21.7	16.4	12.4	14.4	57	1016.3	130	25	8	1.5	10
11	13.0	12.2	11.5	13.6	91	1017.1	040	12	8	20	18.9	15.0	11.9	14.0	40	1016.1	100	18	8	15	11
12	13.5	12.0	10.7	12.8	83	1015.0	130	27	8	15	14.0	12.0	10.1	12.4	78	1014.6	120	20	8	10	12
13	14.6	14.1	13.7	15.7	95	1011.7	300	4	8	15	15.0	14.1	13.3	15.3	90	1014.0	300	6	8	8	13
14	8.6	8.5	8.3	11.0	99	1016.7	-	0	1	6	15.8	13.8	12.2	14.2	80	1015.6	340	6	3	25	14
15	8.1	8.1	8.1	10.9	100	1016.9	-	0	x	0.6	10.5	10.4	10.3	12.6	99	1017.7	330	6	x	0.4	15
16	8.0	8.0	8.0	10.8	100	1016.5	-	0	x	0.0	12.3	12.3	12.3	14.3	100	1013.4	360	12	x	0.8	16
17	11.5	11.2	10.9	13.1	97	1011.8	290	8	8	15	11.3	10.4	9.5	11.9	89	1013.4	270	6	7	20	17
18	5.0	5.0	5.0	8.7	100	1019.1	-	0	x	0.0	12.0	10.0	8.0	10.7	77	1020.2	-	0	2	12	18
19	6.2	5.8	5.3	8.9	93	1019.5	-	0	2	20	13.4	10.2	6.8	9.9	64	1019.1	300	10	1	40	19
20	4.2	3.8	2.3	7.7	93	1019.2	280	5	0	20	12.4	10.3	8.2	10.8	75	1019.0	300	10	0	12	20
21	3.2	2.8	2.2	7.2	93	1021.2	280	2	0	20	12.2	9.1	5.6	9.1	64	1021.6	300	12	1	20	21
22	4.0	3.0	1.7	6.9	85	1022.8	-	0	0	20	13.2	8.4	2.2	7.2	48	1022.1	300	8	6	30	22
23	4.2	3.6	2.8	7.5	91	1020.1	-	0	1	20	13.2	9.3	4.7	8.6	57	1019.3	-	0	8	30	23
24	8.7	7.4	5.8	9.3	85	1014.8	-	0	6	20	17.0	13.5	10.6	12.7	66	1013.5	120	20	2	3	24
25	12.3	11.7	11.2	13.3	93	1014.9	-	0	4	20	13.1	12.7	12.3	14.3	95	1016.6	300	10	8	12	25
26	6.7	6.5	6.2	9.5	96	1019.9	250	8	x	0.1	11.2	10.6	10.0	12.3	95	1021.0	280	12	6	2	26
27	3.3	2.4	1.0	6.5	84	1020.7	300	10	0	20	14.2	9.3	3.3	7.8	48	1019.9	330	12	0	30	27
28	1.6	0.8	-0.6	5.8	85	1018.6	280	12	0	20	11.8	8.3	4.0	8.1	59	1018.5	310	6	0	40	28
29	2.8	1.7	-0.1	6.0	81	1018.0	300	4	0	30	12.1	7.8	2.2	7.2	51	1017.6	-	0	0	40	29
30	3.8	3.0	2.0	7.0	87	1016.0	-	0	0	20	12.8	8.8	4.1	8.2	56	1015.5	260	6	3	20	30
31	6.7	5.3	3.3	7.8	79	1012.7	-	0	7	20	14.3	10.8	7.2	10.2	72	1012.9	-	0	8	30	31
Av.	6.6	5.5	3.9	8.5	84	1018.5	-	4	3	17	15.3	11.2	6.7	10.2	61	1018.5	-	8	4	22	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8
Fair : Average of cloudiness = 1/8 – 2/8
P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8
Cloudy : Average of cloudiness = 6/8 – 7/8
O – cast : Overcast. Average of cloudiness = 8/8
Haze : Visibility reduced by dry particles
Mist : Visibility reduced by wet particles
Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Ahwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°45' E.

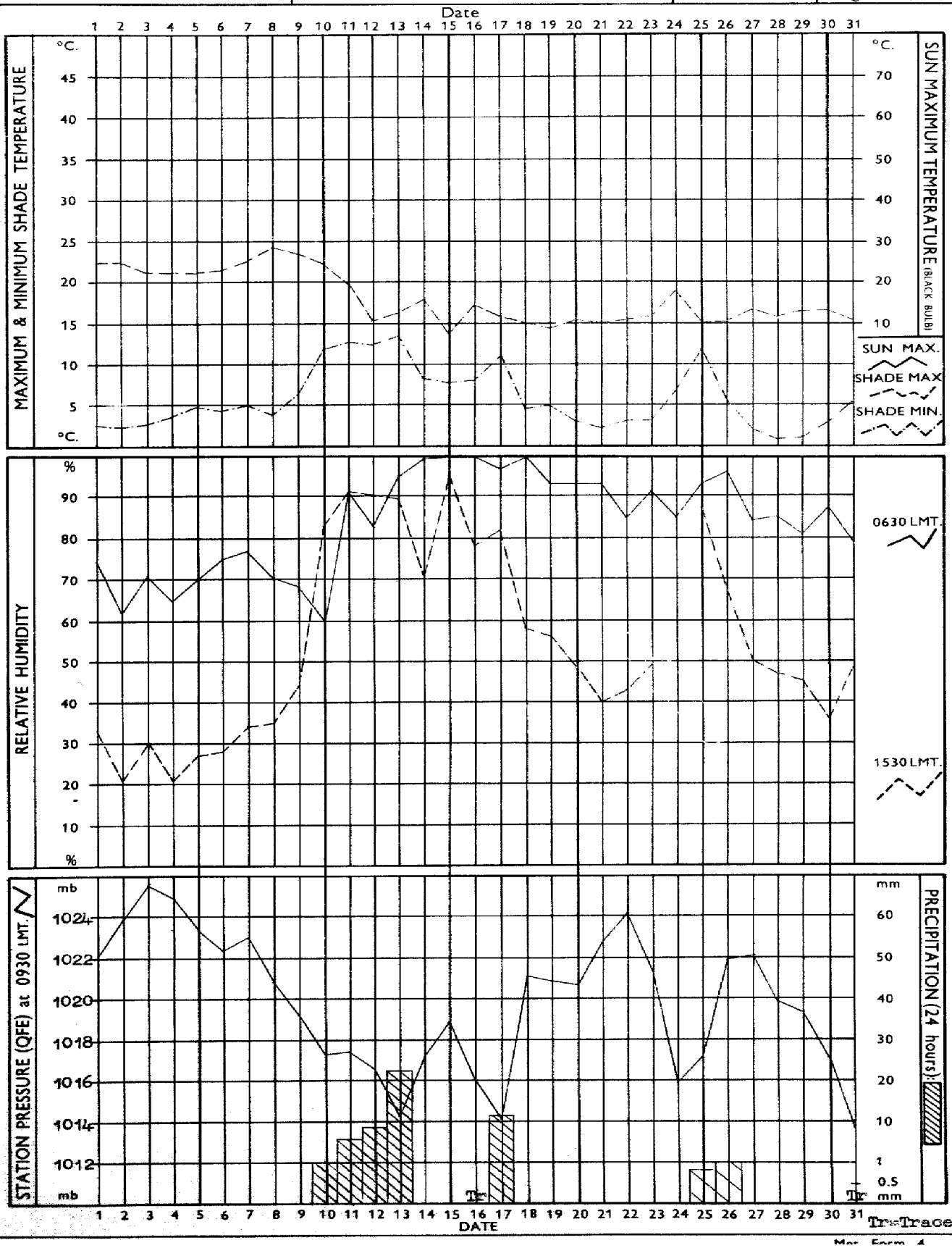
Observations at 1830											Extreme Temperature				Max. Wind				
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity	24 hour Rainfall (1830 - 1830)	Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
16.7	11.6	6.3	9.6	51	1019.8	–	0	1	20		22.3	2.4					0	Clear	1
14.5	8.0	-1.1	5.6	33	1022.4	–	0	0	25		22.5	3.0					0	"	2
17.0	10.5	2.8	7.5	39	1023.5	–	0	0	20		21.3	2.5					0	"	3
15.2	8.2	-1.7	5.3	32	1021.9	290	10	0	30		21.3	3.5					0	"	4
13.5	8.3	1.3	6.7	43	1021.0	280	8	0	15		21.2	4.0					0	"	5
17.5	11.2	4.2	8.3	42	1021.4	–	0	6	30		21.6	4.2					0	P.Cloudy	6
17.2	11.7	6.1	9.4	48	1020.0	–	0	0	30		22.5	5.0					0	Clear	7
18.7	13.7	9.2	11.6	54	1017.0	–	0	6	35		24.3	3.7					0	P.Cloudy	8
19.3	13.5	8.1	10.8	49	1016.1	120	4	7	25		23.5	6.2					0	Cloudy	9
15.3	14.7	14.2	16.4	94	1016.6	180	30	8	20		22.3	11.8					1.0	Rain	10
13.2	12.7	12.3	14.3	94	1016.4	090	12	8	20		19.8	12.7	11.7				5.8	"	11
15.0	13.8	12.8	14.8	87	1012.4	120	28	8	14		15.3	12.5	11.5				8.8	Rainsh.	12
14.3	13.5	12.8	14.8	92	1015.3	270	4	1	15		16.4	13.5	13.2				22.4	Rain	13
13.5	12.8	12.3	14.3	92	1015.8	300	8	1	30		17.8	8.3	10.0				0	Mist	14
11.0	11.0	11.0	13.2	100	1016.3	320	8	x	0.5		13.8	7.7	7.6				0	Fog	15
15.6	14.7	14.0	16.0	90	1011.0	300	10	8	80		17.1	8.0	8.2				Tr.	Rain	16
11.6	10.7	9.8	12.2	89	1014.6	290	4	0	25		15.8	11.0	10.0				10.7	"	17
12.4	11.2	10.1	12.4	86	1019.7	–	0	4	20		15.0	4.4					0	Fog	18
11.3	9.8	8.3	11.0	83	1018.5	300	8	0	30		14.4	5.0					0	Mist	19
11.2	9.1	6.8	9.9	74	1019.2	310	8	0	40		15.4	3.1					0	"	20
11.2	8.4	5.1	8.8	66	1021.4	290	8	7	25		15.0	2.2					0	"	21
10.8	8.2	5.1	8.8	67	1021.3	290	8	2	50		15.5	3.0	1.9				0	"	22
12.0	9.0	5.6	9.1	65	1016.6	280	3	1	40		15.9	3.1	2.1				0	P.Cloudy	23
14.8	13.8	13.0	15.0	89	1013.4	150	9	2	20		18.9	6.6	5.0				0	Haze	24
12.0	11.3	10.6	12.8	90	1018.8	270	5	8	12		15.0	11.8	11.3				0.8	Rain	25
11.6	9.2	6.5	9.7	71	1020.7	300	14	0	20		15.1	5.5	6.2				1.0	Fog	26
11.8	9.0	5.8	9.3	67	1019.3	330	10	0	30		16.8	2.0	1.7				0	Clear	27
10.2	6.8	2.2	7.2	58	1018.6	300	6	0	50		15.8	0.9	0.2				0	"	28
11.0	8.0	4.4	8.4	65	1017.1	–	0	0	30		16.6	1.0	-0.2				0	"	29
12.7	9.6	6.2	9.5	65	1013.3	–	0	3	30		16.7	2.8	0.2				0	Fair	30
12.8	10.4	8.0	10.7	72	1011.9	–	0	6	30		15.5	5.3	0.4				Tr.	Rain	31
13.7	10.8	7.5	10.8	69	1017.8	–	7	3	28		18.1	5.7					50.5		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : December	Year : 1964
		Station : Ahwaz	
Ground Level : 21 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°20' N.	Long 48°45' E.



Tr=Trace

Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Abadan

Ground Level : [illegible] AMSL | Local Time : GMT + 3½ hrs. | Lat : [illegible] N. | Long : [illegible] E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	2.1	1.2	-0.3	6.0	74	1023.3	[illegible]	[illegible]	[illegible]	15	17.5	10.2	0.9	6.5	32	1023.1	300	2	1	15	1
2	4.2	3.1	1.4	6.5	80	1024.1	–	0	0	20	19.9	11.6	1.2	7.0	30	1024.8	260	2	0	20	2
3	5.0	3.5	1.2	6.7	77	1026.2	–	2	0	15	21.4	14.4	7.7	10.2	40	1026.8	–	0	0	40	3
4	6.7*		3.4*	7.8*	82*	1027.4*					19.4*		1.4*	6.8*	31*	1026.1*	300	4	0	30	4
5	4.2	2.5	-0.3	6.0	74	1024.9	–	0	0	15	19.8	11.3	1.2	6.4	26	1023.1	260	4	0	30	5
6	3.0	1.5	-1.1	5.6	74	1023.7	–	0	1	15	20.2	11.5	1.4	6.7	28	1024.0	280	4	1	30	6
7	3.2	1.4	-1.6	5.3	70	1023.9	–	2	0	20	21.6	11.3	-2.1	5.4	20	1023.9	–	0	0	20	7
8	6.4	4.3	1.1	6.5	69	1022.8	–	0	7	15	22.5	14.2	5.9	9.3	34	1021.5	–	0	1	30	8
9	8.8	7.3	5.2	9.0	90	1020.9	–	0	8	15	21.7	16.1	11.7	13.9	53	1019.2	140	10	7	20	9
10	16.1	14.3	12.9	14.9	82	1017.1	090	6	8	12	23.0	14.5	11.6	13.7	66	1017.4	090	16	8	20	10
11	15.2*		7.8*	10.5*	67*	1017.6*	090	15	7	30	18.4*		12.5*	14.3*	70*	1016.8*	090	18	7	40	11
12	15.3	14.5	14.0	15.9	92	1016.5	310	6	8	15	14.2	13.7	13.2	15.2	93	1015.8	100	18	8	10	12
13	13.3	13.0	12.8	14.7	97	1014.7	270	10	8	15	15.0	13.7	12.7	14.7	86	1016.9	300	8	7	15	13
14	7.6	7.6	7.6	10.5	100	1019.3	310	6	x	0.1	13.9	12.9	11.1	13.2	90	1018.9	290	7	7	10	14
15	6.8	6.8	6.8	9.9	100	1019.2	360	5	x	0.1	9.2	8.8	8.4	11.0	95	1019.7	290	6	8	1.5	15
16	7.7	7.7	7.7	10.5	100	1018.2	330	5	x	0.3	10.4	9.8	9.2	11.6	93	1015.6	320	10	8	3	16
17	9.9	9.2	8.5	11.1	91	1014.6	240	8	8	20	11.5	9.5	7.4	10.3	77	1016.2	270	8	6	20	17
18	7.0*		7.0*	10.0*	99*	1020.3*					14.4*		5.4*	10.8*	66*	1022.1*	–	0	6	30	18
19	6.2	5.6	4.8	8.6	91	1021.7	–	0	4	15	17.8	10.0	5.8	9.2	59	1022.0	300	5	2	20	19
20	4.3	3.6	2.7	7.4	90	1022.1	250	5	0	20	14.0	9.5	4.4	8.3	52	1022.1	300	10	0	40	20
21	2.4	1.6	0.3	6.2	85	1023.7	270	3	0	20	13.0	8.0	1.3	6.7	45	1024.8	270	8	1	30	21
22	4.3	3.0	1.1	6.6	80	1026.0	270	5	0	20	13.6	8.5	2.0	7.1	46	1025.1	300	8	2	30	22
23	4.0	3.5	2.8	7.4	91	1022.7	–	0	0	20	16.2	10.8	4.8	8.6	47	1021.4	280	4	7	20	23
24	11.0	9.6	8.2	10.9	83	1016.1	120	5	5	15	19.3	13.8	8.9	11.4	51	1014.7	150	20	6	20	24
25	12.2*		9.2*	11.6*	82*	1016.6*			8	20	11.4*		7.0*	10.0*	75*	1018.3*	300	2	8	20	25
26	6.5	4.6	1.8	7.0	72	1022.9	310	12	5	15	12.6	8.0	1.8	7.0	48	1023.9	320	12	0	40	26
27	0.6	0.0	-1.1	5.6	88	1023.6	240	6	0	15	12.8	8.7	3.8	8.0	54	1023.1	290	8	0	30	27
28	0.8	0.0	-1.3	5.5	86	1021.9	270	6	0	20	12.7	7.5	0.2	6.2	42	1021.4	320	8	0	30	28
29	0.3	-0.2	-1.0	5.6	90	1020.7	250	5	0	20	13.3	8.0	0.8	6.5	43	1020.3	310	8	0	25	29
30	1.4	0.8	-0.2	6.0	89	1018.7	–	0	0	20	13.2	8.7	3.1	7.6	50	1018.0	270	4	1	15	30
31	3.0	2.4	1.4	6.8	90	1015.3	–	0	3	15	14.9	9.4	2.7	7.4	44	1014.9	–	0	3	15	31
Av.	6.4	4.9	4.0	8.5	85	1020.9	–	4	4	16	15.8	10.3	5.5	9.4	54	1020.8	–	7	4	23	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Abadan

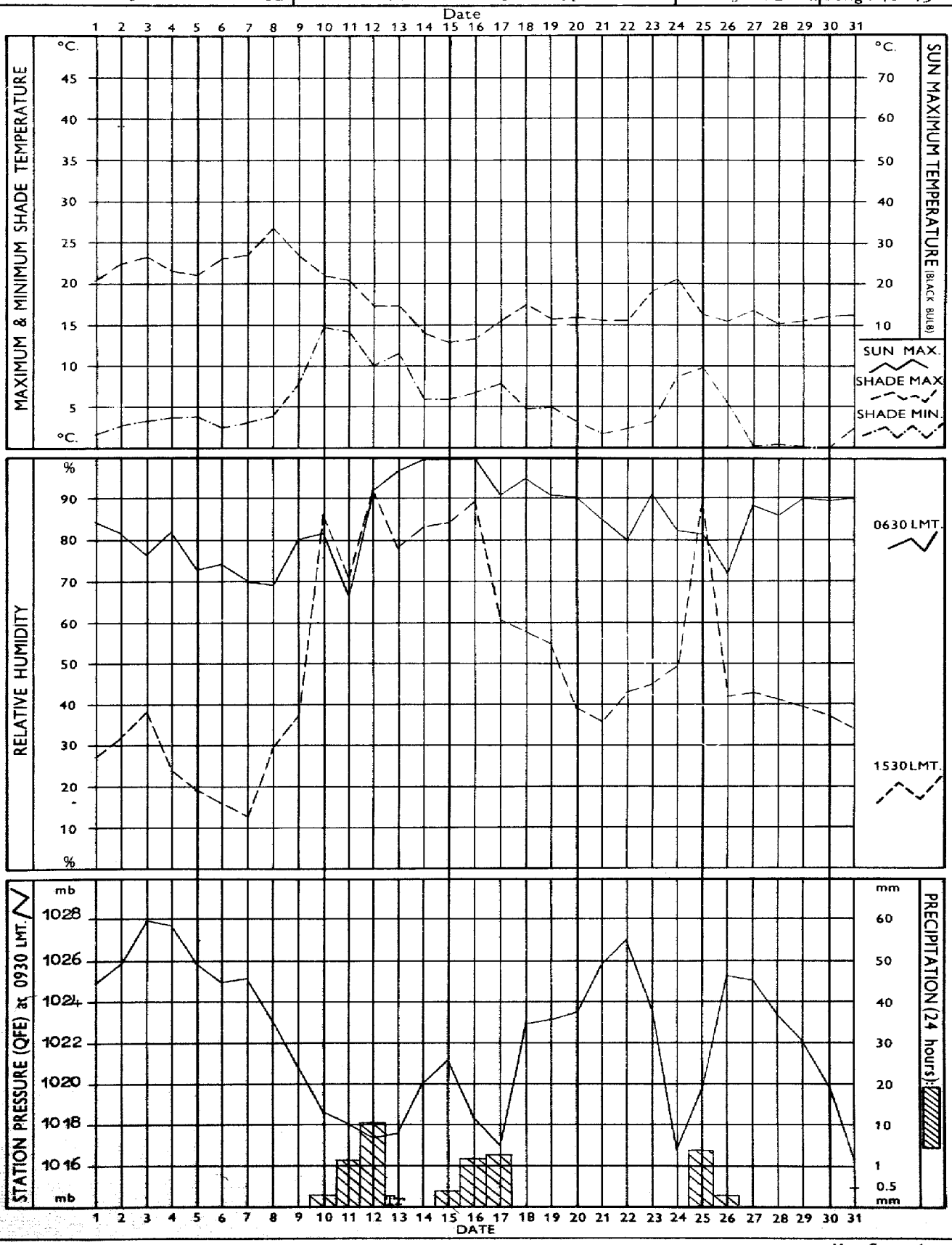
Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30° 22' N. | Long : 48° 13' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
14.0	8.7	2.0	7.0	44	1022.2	–	0	1	30		20.4	1.8					0	Mist	1
14.9	9.8	3.8	8.0	47	1024.6	150	2	0	30		22.5	2.5	1.3				0	Clear	2
14.6	10.2	5.3	8.9	54	1025.7	240	5	0	30		23.2	4.3	0.7				0	Mist	3
16.0	9.1	-0.1	6.0	33	1024.6	280	5	1	20		21.5	3.4	0.8				0	Clear	4
14.1	8.4	0.7	6.5	40	1023.7	–	0	1	30		21.1	3.8	0.5				0	Mist	5
15.8	8.6	-1.5	5.4	30	1023.3	310	4	3	30		23.0	2.4	-0.4				0	"	6
15.8	10.0	3.2	7.7	43	1022.5	–	0	0	30		23.4	3.0					0	"	7
19.2	11.3	2.0	7.1	32	1019.2	–	0	0	30		26.6	3.7	1.3				0	P.Cloudy	8
18.2	14.3	11.1	13.2	63	1017.9	140	6	7	30		23.5	7.7					0	Mist	9
15.3	13.4	11.8	13.8	80	1017.6	120	17	8	20		21.2	14.9	14.3				0.3	Th.storm	10
15.7	13.3	11.2	13.3	74	1015.9	090	20	8	15		20.4	14.2	12.0				1.5	Rainsh.	11
16.9	16.0	15.3	17.5	91	1012.6	120	14	8	15		17.4	10.0					10.3	Th.storm	12
12.8	11.6	10.5	12.7	86	1017.8	–	0	0	15		17.4	11.6	13.0				Tr.	Cloudy	13
11.0	10.4	9.8	12.1	92	1018.2	320	6	0	15		14.1	6.0	7.3				0	Fog	14
10.8	9.8	8.8	11.3	88	1018.9	360	5	6	10		13.0	5.9	6.1				0.4	"	15
12.7	12.4	12.2	14.2	97	1014.1	290	5	8	3		13.4	6.7	7.3				2.1	Rain	16
11.8	10.1	8.4	11.0	80	1016.9	270	5	0	10		15.4	7.8	7.4				3.1	"	17
13.4	11.1	8.9	11.4	74	1021.5	–	0	8	30		17.2	4.8	2.5				0	P.Cloudy	18
11.9	9.0	5.7	9.2	66	1020.8	280	2	1	40		15.7	5.0	3.8				0	Mist	19
11.7	7.8	2.8	7.5	55	1021.8	270	8	2	40		16.0	3.3	2.1				0	Clear	20
11.4	7.2	1.6	6.8	51	1024.2	280	7	8	30		15.6	1.7	0.4				0	P.Cloudy	21
12.8	9.3	5.2	8.9	60	1023.9	270	3	4	30		15.6	2.3	0.5				0	"	22
13.7	10.2	6.4	9.7	62	1018.7	130	7	5	40		19.0	3.2	1.6				0	Mist	23
15.8	13.3	11.2	13.3	75	1014.9	150	12	1	20		20.6	8.7	7.7				0	"	24
11.4	11.0	10.7	12.9	96	1020.5	320	8	8	8		16.4	9.7	8.6				4.1	Rain	25
10.8	6.8	1.2	6.7	52	1023.9	280	10	1	30		15.6	5.6	4.8				0.3	Fair	26
12.1	8.3	3.6	7.9	56	1022.5	280	6	0	40		16.8	0.1	-1.2				0	Clear	27
11.6	7.4	1.7	6.9	51	1020.8	280	6	0	30		15.1	0.4	-0.5				0	"	28
11.2	7.0	1.2	6.7	50	1019.4	280	4	0	30		15.6	0.0	-1.4				0	"	29
12.6	8.0	2.0	7.0	48	1015.6	350	2	4	20		16.1	0.0	-0.7				0	Mist	30
13.5	9.0	3.5	7.9	51	1014.0	330	2	5	20		16.2	2.2	0.8				0	"	31
13.7	10.1	5.8	9.6	62	1019.9	–	6	3	25		18.4	5.0	3.7				22.1		Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : December	Year : 1964
		Station : Abadan	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°22' N.	Long : 48°13' E.



Met Form 4

245.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Bandar Mashur

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30° 30' N. | Long : 49° 12' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	7.1	3.6	-2.3	5.1	51	1022.5	360	2	0	20	18.6	10.8	1.3	6.7	31	1022.7	310	4	0	25	1
2	5.6	3.6	0.5	6.4	69	1024.2	-	0	0	30	18.3	12.2	5.9	9.3	45	1024.5	240	3	0	30	2
3	5.2	3.2	0.0	6.1	69	1026.2	060	2	0	20	19.0	12.3	5.7	8.9	41	1026.8	-	0	0	20	3
4	6.7	3.5	-1.8	5.3	54	1026.3	310	6	0	30	19.2	10.4	-1.2	5.5	25	1025.4	270	4	0	30	4
5	7.0	3.7	-1.7	5.4	53	1024.3	350	2	0	30	19.7	11.7	2.5	7.3	32	1024.4	310	3	0	30	5
6	7.0	4.5	0.8	6.5	65	1023.1	330	6	2	30	19.3	12.2	4.7	8.6	38	1023.5	-	0	4	20	6
7	8.3	6.2	3.3	7.8	71	1023.7	310	2	0	30	20.3	12.6	4.4	8.4	35	1023.9	220	2	0	25	7
8	8.8*		0.2*	6.2*	55*	1022.4*	020*	2*			20.8	12.2	2.6	7.4	30	1021.4	300	3	0	25	8
9	9.0	7.2	5.1	8.8	77	1021.0	020	3	4	30	17.7	14.9	12.7	14.7	72	1019.6	190	2	7	30	9
10	15.6	10.5	4.8	8.6	48	1018.0	040	6	8	25	18.4	15.4	13.0	15.0	71	1018.9	270	6	8	15	10
11	15.0	11.5	8.1	10.8	64	1018.4	160	12	5	25	20.0	12.7	5.3	9.0	38	1016.9	160	20	8	15	11
12	14.0	11.5	9.1	11.5	72	1017.4*	100*	23*	8	6	13.4*		10.8*	12.9*	84*	1016.0*	070*	19*			12
13	16.0	15.0	14.2	16.2	89	1013.9*	230*	9*	8		15.0	14.0	13.1	15.1	89	1016.1*	030*	2*	8		13
14	12.7*		12.1*	14.8*	83*	1018.0*	320*	4*			14.9	13.6	12.5	14.5	86	1017.9	320	8	4	20	14
15	9.2	9.2	9.2	11.6	100	1019.5	310	4	0	0.7	11.4	11.4	11.4	13.5	100	1019.1	310	4	x	0.5	15
16	10.7	10.7	10.7	12.9	100	1017.7	360	4	x	0.7	13.0	12.8	12.6	14.6	97	1014.7	310	4	8	2	16
17	12.0	11.4	10.9	13.6	93	1014.3	310	6	8	15	14.9	13.1	11.7	13.8	80	1015.8	270	4	4	15	17
18	7.0	6.7	6.3	9.6	95	1021.4	-	0	0	15	13.5	11.5	9.6	12.0	76	1022.2	300	2	1	15	18
19	8.8	8.6	8.3	11.0	97	1021.4	300	2	8	20	13.1	10.6	8.2	10.8	72	1021.4	340	6	1	20	19
20	6.0	5.3	4.3	8.3	88	1021.4	310	4	0	30	12.3	9.8	7.2	10.1	72	1021.3	320	8	0	30	20
21	5.4	4.2	3.3	7.7	86	1023.1	300	7	0	30	11.2	9.2	7.1	10.1	76	1023.9	310	6	0	30	21
22	6.1	4.6	2.5	7.3	77	1024.6	310	7	0	30	12.4	8.6	3.9	8.0	56	1024.9	320	9	4	30	22
23	8.3	6.8	5.0	8.7	80	1022.6	320	2	1	40	13.8	9.7	5.2	8.8	55	1021.6	-	0	7	40	23
24	10.6	9.0	7.2	10.2	80	1017.0	140	4	5	30	16.4	14.3	12.7	14.6	78	1015.8	160	12	6	30	24
25	13.9	12.9	12.0	14.0	88	1016.9	150	10	8	30	15.8	14.8	14.0	16.0	89	1018.3	-	0	8	8	25
26	7.9	7.0	6.0	9.4	88	1021.7	340	6	0	30	11.1	10.6	10.0	12.3	94	1022.6	330	14	5	15	26
27	4.2	3.2	1.6	6.8	84	1022.8	300	7	0	30	11.0	8.1	4.6	8.5	65	1022.8	300	9	0	30	27
28	4.1	2.5	-0.1	6.0	73	1020.2	350	8	0	25	10.6	7.8	4.3	8.4	66	1020.9	330	6	0	25	28
29						1019.9*	300*	4*			11.4	7.6	2.8	7.5	56	1020.1	300	4	0	25	29
30	4.8	3.0	0.1	6.2	72	1018.0	330	3	0	30	12.4	8.5	3.8	8.0	56	1017.4	330	2	1	30	30
31	7.3	6.2	4.8	8.6	84	1015.1	-	0	4	30	15.0	10.2	4.7	8.6	50	1015.1	280	2	3	30	31
Av.	8.8	7.0	4.8	9.0	77	1020.6	-	5	3	25	15.3	11.5	7.3	10.6	63	1020.5	-	5	3	23	Av.

* Values obtained from recording instruments.

CODE FOR REMARKS

- **Clear :** Average of cloudiness = 0/8
- **Fair :** Average of cloudiness = 1/8 – 2/8
- **P. Cloudy:** Partly Cloudy. Average of cloudiness = 3/8 – 5/8
- **Cloudy :** Average of cloudiness = 6/8 – 7/8
- **O – cast :** Overcast. Average of cloudiness = 8/8
- **Haze :** Visibility reduced by dry particles
- **Mist :** Visibility reduced by wet particles
- **Dust :** Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: December Year: 1964
Station: Bandar Mashur

Ground Level: 3 m. AMSL | Local Time: GMT + 3½ hrs. | Lat: 30°30' N. | Long: 49°12' E.

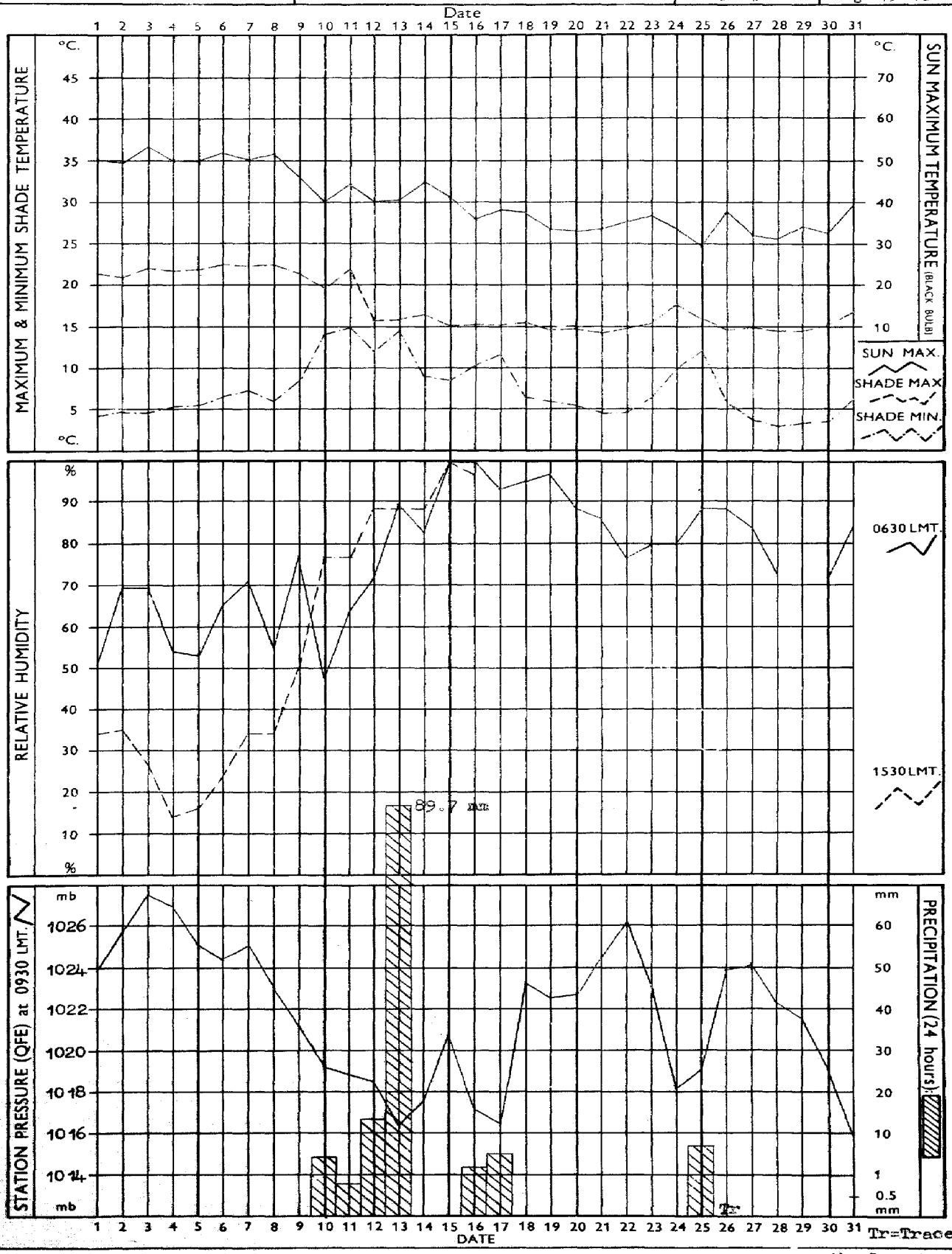
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
15.1	12.6	10.3	12.6	74	1021.8	300	3	0	25		21.4	4.2	3.9	50.2	360	10	0	Clear	1
14.8	12.4	10.3	12.6	74	1024.3	320	3	0	30		21.0	4.7	2.0	49.4	360	8	0	"	2
17.8	9.6	-1.6	5.4	26	1025.5	330	4	0	25		22.0	4.4	2.6	53.2	330	10	0	"	3
16.1	10.2	3.9	8.1	45	1024.1	310	3	0	30		21.7	5.2	4.2	50.0	300	9	0	"	4
15.5	10.4	4.6	8.5	48	1023.1	310	5	0	30		21.8	5.4	4.5	49.9	360	14	0	"	5
17.7	9.7	-1.1	5.5	28	1023.0	340	4	5	30		22.5	6.5	4.6	52.0	350	6	0	P.Cloudy	6
18.4	10.0	-1.0	5.6	26	1021.6	360	2	0	30		22.3	7.2	4.3	50.2	350	5	0	Clear	7
17.2	13.0	9.2	11.6	60	1018.9	–	0	4	30		22.4	6.0	4.6	51.7	360	9	0	Fair	8
17.2	15.1	13.4	15.4	77	1017.9	180	2	4	30		21.4	8.5	5.6	46.2	100	8	0	Cloudy	9
16.1	13.1	10.4	12.6	69	1018.8	180	12	8	20		19.7	14.0	12.5	40.0	180	33	4.5	Th.storm	10
15.7*		13.1*	15.1*	85*	1017.3*	110*	11*				22.0	14.9*	11.4	44.4	160	32	0.8	Cloudy	11
14.5*		12.4*	14.4*	87*	1014.2*	120*	20*				15.7	12.0	10.0	40.2	120	43	13.6	Th.storm	12
15.5	14.5	13.7	15.7	89	1017.0*	– *	0*				16.0*	14.5*	15.0	40.5	150	39	89.7	"	13
15.0	13.2	11.7	13.6	80	1017.9	–	0	0	20		16.4	9.0		44.8	310	12	0	Fair	14
11.5	11.2	11.1	13.2	97	1018.0	310	10	8	12		15.0	8.5	9.0	41.2	330	12	0	Fog	15
14.8	14.4	14.1	16.1	96	1013.7	310	4	8	10		15.2	10.2	12.0	46.0	310	15	1.8	Rain	16
12.4	11.2	10.1	12.3	85	1016.8	310	8	0	20		15.2	11.5	12.0	48.0	280	13	4.9	"	17
13.3	10.6	7.8	10.6	69	1021.7	310	2	7	20		15.4	6.5	5.2	47.6			0	P.Cloudy	18
12.3	10.0	7.6	10.5	74	1020.5	310	5	0	25		14.5	6.0	5.2	43.7	340	13	0	"	19
12.0	9.5	6.7	9.8	71	1021.0	310	4	0	30		14.6	5.5	4.6	43.2	300	13	0	Clear	20
11.7	9.3	6.6	9.9	72	1023.7	310	4	4	30		14.2	4.5	3.3	43.7	320	12	0	Fair	21
12.5	9.5	6.1	9.4	65	1023.5	–	0	3	30		14.7	4.6	3.6	45.3	320	14	0	P.Cloudy	22
13.1	10.0	6.7	9.8	65	1019.0	–	0	3	30		15.4	6.5	5.3	47.2	310	3	0	"	23
15.2	13.4	12.0	13.9	81	1015.8	160	5	1	30		17.7	10.0	5.2	43.7	130	20	0	"	24
12.2	11.5	10.8	12.9	92	1020.9	340	4	8	10		16.2	12.0	12.5	39.7	310	22	6.8	Rain	25
12.8	11.1	9.5	11.9	81	1022.9	300	6	0	25		14.8	6.0	5.6	47.8	320	18	Tr.	Fair	26
12.2	10.0	7.7	10.5	74	1021.2	310	4	0	30		15.0	3.8	2.9	42.2	330	17	0	Clear	27
11.5	8.2	4.2	8.3	62	1020.7	300	4	0	30		14.4	2.9	2.0	41.3	310	15	0	"	28
12.2	8.5	4.0	8.1	57	1019.0	270	2	0	30		14.4	3.2	1.8	44.2	320	7	0	"	29
13.0	10.2	7.2	10.2	68	1016.1	–	0	2	30		15.2	3.5	2.4	42.8	300	5	0	Fair	30
14.1	10.6	7.0	10.0	63	1013.8	–	0	7	30		16.7	6.2	5.0	49.2	360	5	0	P.Cloudy	31
14.3	11.1	8.0	11.1	69	1019.8	–	4	3	26		17.6	7.4	6.1	45.8			122.1		Av.

CODE FOR REMARKS (continued)

Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

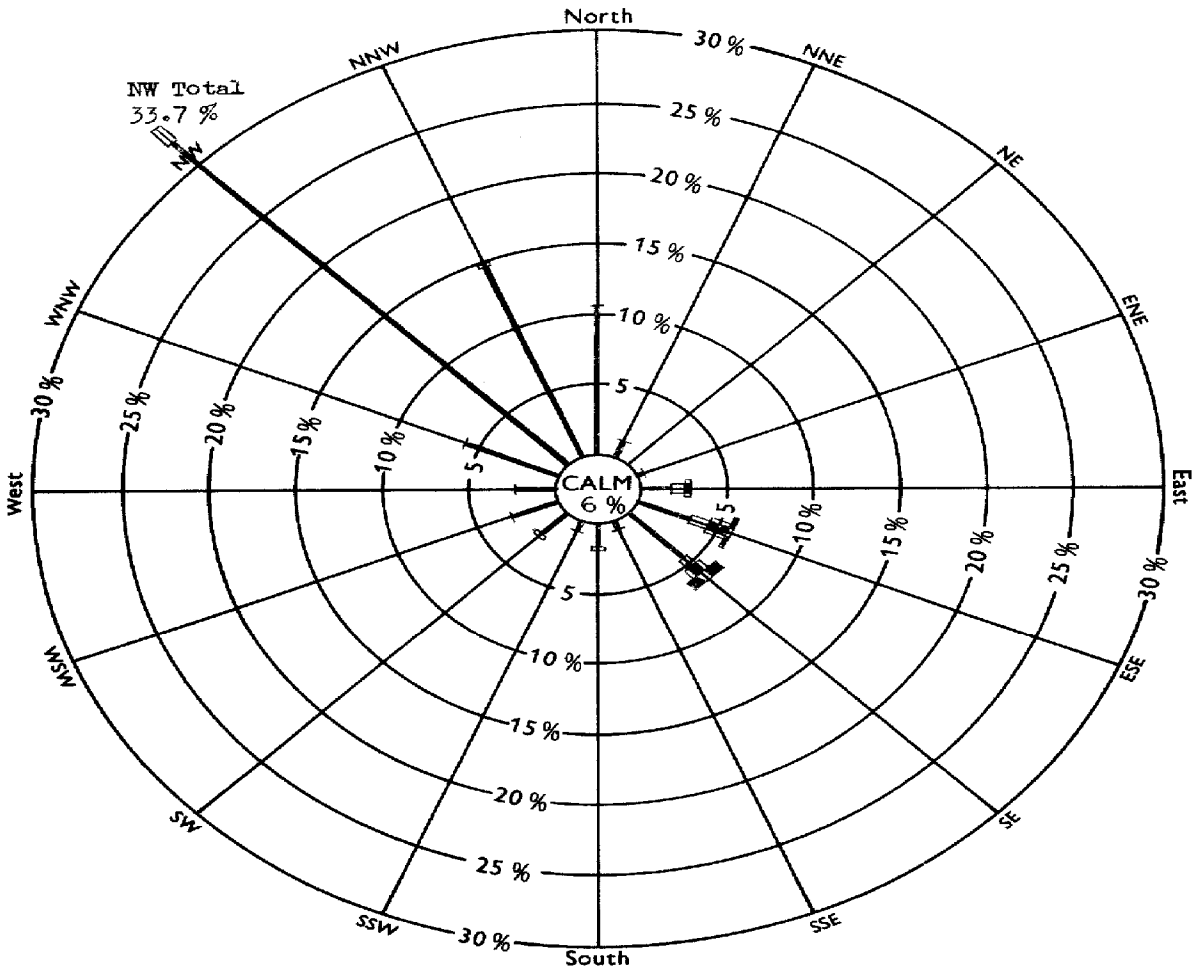
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : December	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



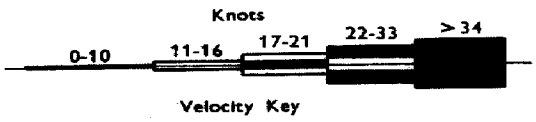
Tr=Trace

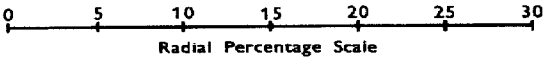
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : December	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs	Lat : 30°30' N.	Long : 49°12' E.



Hours in month 744

Hours recorded 744



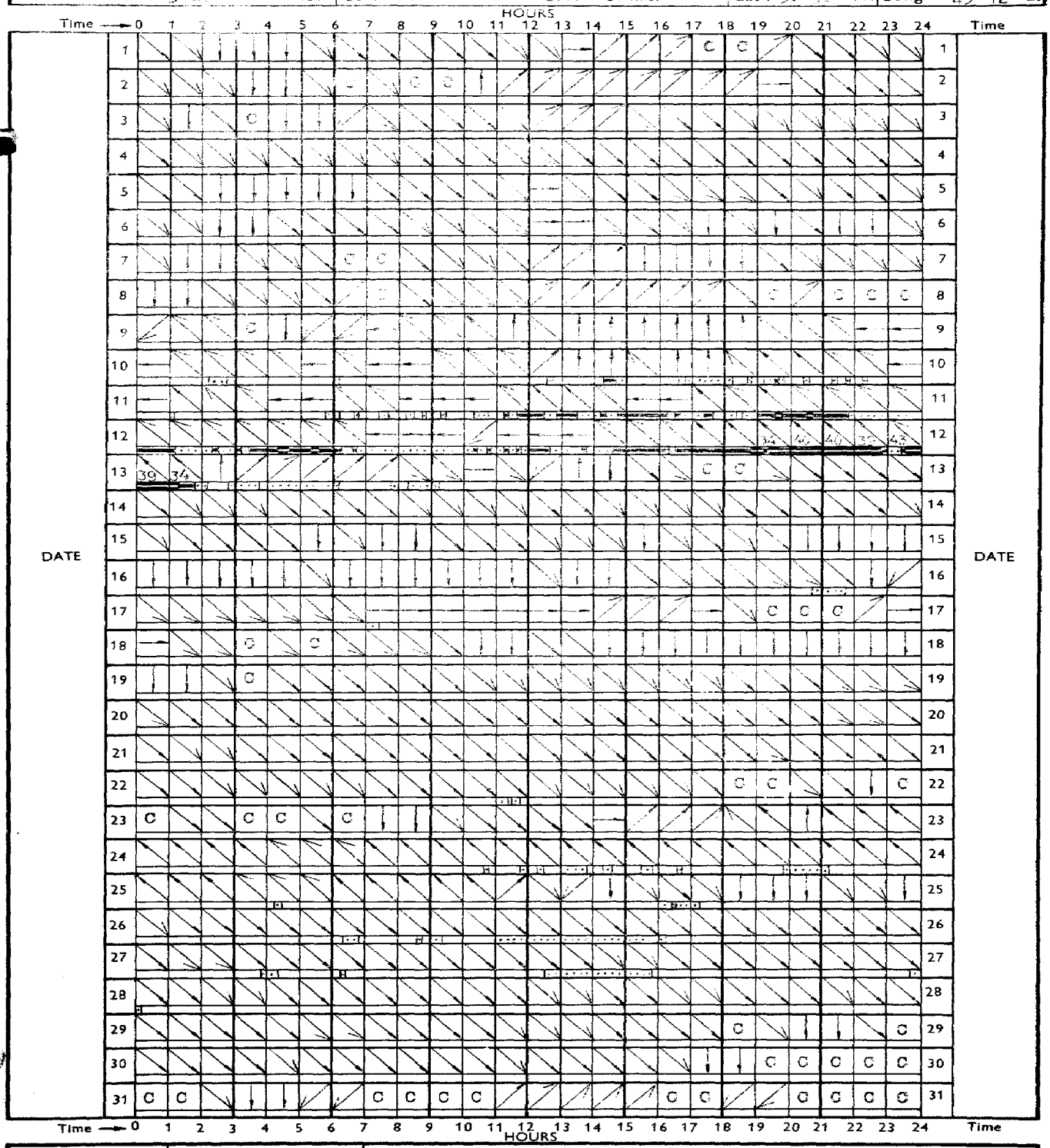


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

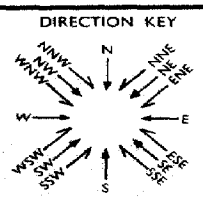
Remarks : The wind directions NW, NNW and N constitute together 59.2% of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : December	Year : 1964
		Station : Bandar Mashur	
Ground Level : [illegible] AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°16' N. | Long : 50°20' E.

	Observations at 0630										Observations at 1230										
	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Speed	Cloudiness	Visibility	
Date	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	Date
1	16.4	13.2	10.3	12.6	68	1021.9	360	5	0	20	20.8	16.0	12.2	14.4	59	1022.6	360	7	0	20	1
2	12.4	10.4	8.3	11.0	77	1023.6	–	0	0	20	20.3	14.6	9.7	12.1	51	1024.6	–	0	0	20	2
3	15.1	12.2	9.5	11.3	70	1025.4	–	0	0	30	19.8	13.4	7.2	10.2	44	1026.7	–	0	0	30	3
4	17.1	11.1	4.3	8.3	43	1025.2	360	12	0	30	20.4	12.0	2.3	7.3	31	1025.1	350	12	0	30	4
5	16.6	11.0	4.9	8.7	46	1024.1	360	5	0	30	20.4	14.4	9.2	11.6	48	1024.0	360	8	0	30	5
6	16.6	11.4	6.0	9.3	50	1022.9	360	6	0	30	20.4	14.0	8.2	10.9	45	1023.8	360	2	4	30	6
7	12.4	11.2	10.1	12.4	86	1023.2	–	0	0	30	20.4	13.6	7.2	10.1	42	1023.3	360	6	0	30	7
8	16.2	12.6	9.3	11.7	63	1021.7	360	4	0	30	21.0	14.4	8.5	11.1	45	1020.9	360	5	0	30	8
9	12.2	11.6	11.1	13.2	93	1020.6	–	0	4	30	21.6	17.2	14.1	16.1	62	1019.6	–	0	3	30	9
10	19.4	13.8	8.7	11.3	50	1018.5	070	15	7	30	22.4	13.8	5.2	8.9	33	1018.4	070	15	8	30	10
11	19.0	13.6	8.7	11.3	52	1018.9	070	12	8	20	20.6	13.0	5.3	8.9	37	1018.0	070	19	8	20	11
12	13.6	13.4	13.2	15.2	99	1018.2	070	15	8	5	15.0	13.8	12.8	14.8	87	1015.9	090	20	8	3	12
13	16.0	15.5	15.1	17.2	95	1015.5	130	12	8	2	15.9	15.2	14.6	16.7	93	1017.0	240	5	8	3	13
14	15.0	13.0	11.2	13.3	78	1017.3	360	15	2	10	18.4	15.1	12.5	14.5	69	1017.0	360	8	5	30	14
15	15.6	14.2	13.1	15.1	85	1018.3	360	10	8	10	17.8	15.8	14.3	16.3	80	1018.3	360	10	7	20	15
16	15.6	13.6	11.9	13.9	79	1016.2	090	10	8	10	16.0	14.6	13.5	15.5	86	1014.3	130	15	8	10	16
17	15.5	14.4	13.6	15.6	90	1013.5	030	5	8	10	16.1	13.9	12.1	14.1	77	1015.4	330	12	6	25	17
18	14.0	10.0	5.5	9.0	56	1021.0	360	10	3	20	16.4	11.2	5.6	9.1	49	1021.6	360	10	5	20	18
19	13.6	9.7	5.3	9.0	58	1020.0	330	12	6	30	15.8	11.3	6.6	9.8	55	1020.3	340	10	1	30	19
20	13.0	10.2	7.2	10.2	68	1020.3	360	10	5	20	15.6	11.8	8.1	10.8	61	1020.5	340	10	5	20	20
21	12.4	8.8	4.5	8.5	59	1022.0	360	9	0	25	15.0	9.7	3.3	7.8	46	1022.7	310	10	0	30	21
22	12.4	9.2	5.6	9.1	63	1024.0	360	10	0	25	15.9	11.1	5.9	9.3	51	1024.1	340	8	2	30	22
23	13.1	9.8	6.3	9.5	62	1021.3	360	6	0	30	16.6	11.1	5.1	8.8	47	1020.8	330	8	0	30	23
24	9.9	9.2	8.4	11.1	92	1017.4	–	0	6	20	19.1	15.6	13.0	15.0	68	1016.6	120	3	7	25	24
25	16.1	14.9	14.0	16.0	88	1017.3	090	13	5	30	19.1	16.0	13.7	15.7	71	1017.5	100	12	7	30	25
26	15.0	14.2	13.6	15.6	92	1020.8	350	12	7	20	16.2	13.4	11.0	13.1	71	1021.7	340	15	1	20	26
27	12.4	10.0	7.4	10.3	72	1022.0	350	18	0	20	14.4	11.2	8.1	10.8	66	1021.7	350	18	0	20	27
28	13.2	9.4	5.0	8.7	57	1019.9	350	12	0	20	15.0	9.6	3.2	7.7	45	1020.2	360	15	0	20	28
29	12.4	9.4	6.1	9.4	65	1019.5	350	10	0	20	15.4	9.8	3.0	7.6	43	1019.1	350	10	0	20	29
30	9.6	8.2	6.6	9.8	82	1017.6	–	0	0	20	15.4	11.5	7.6	10.4	60	1017.2	350	4	0	20	30
31	8.5	8.2	7.9	10.6	95	1013.7	–	0	2	20	15.8	12.8	10.1	12.4	69	1014.5	090	8	4	20	31
Av.	14.2	11.5	8.8	11.6	72	1020.1	–	8	3	22	17.8	13.3	8.8	11.7	58	1020.1	–	9	3	23	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8

Fair : Average of cloudiness = 1/8 – 2/8

P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8

Cloudy : Average of cloudiness = 6/8 – 7/8

O – cast : Overcast. Average of cloudiness = 8/8

Haze : Visibility reduced by dry particles

Mist : Visibility reduced by wet particles

Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Kharg Island

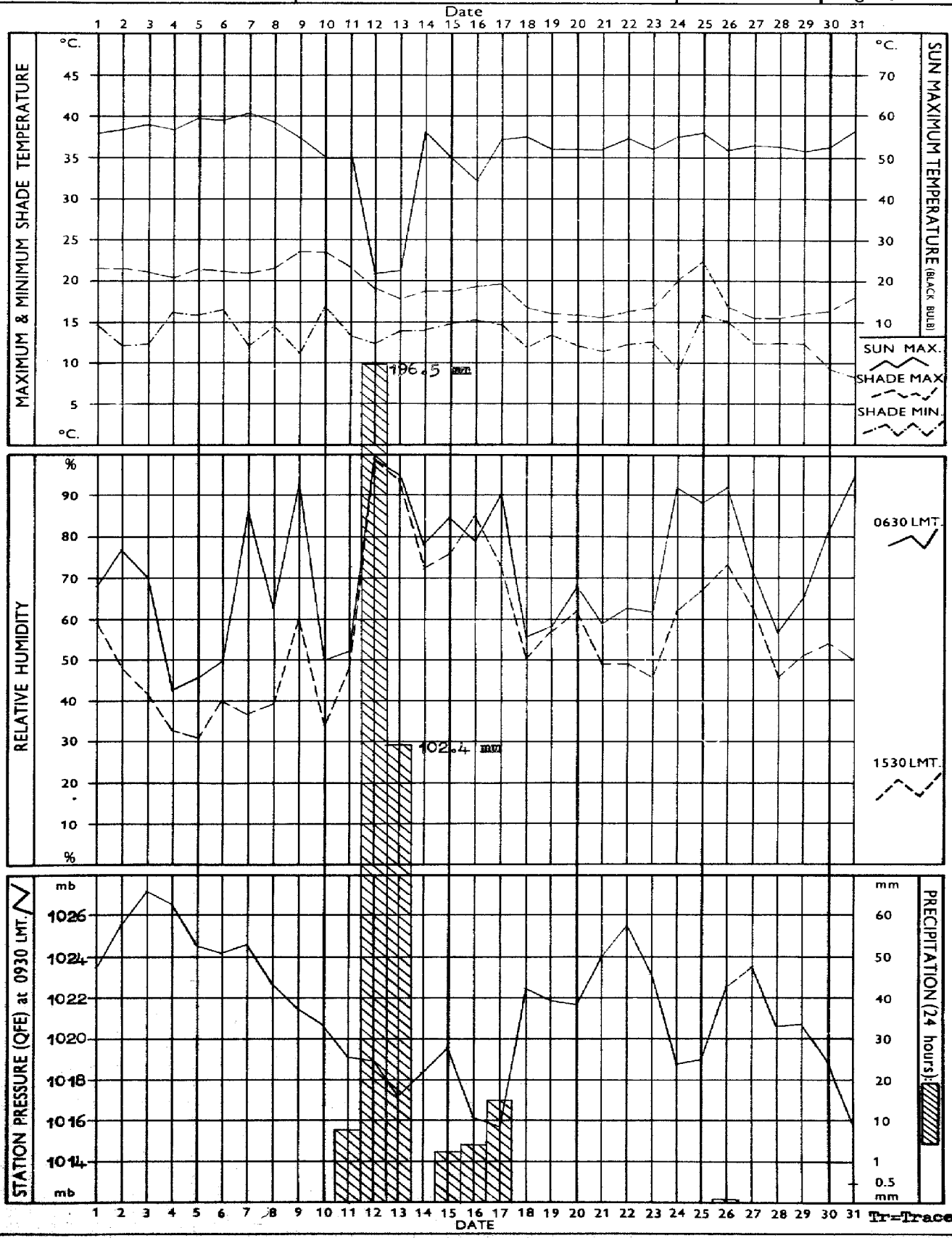
Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29° 15' N. | Long : 50° 20' E.

Observations at 1830											Extreme Temperature				Max. Wind				
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity	24 hour Rainfall (1830 – 1830)		
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
17.4	13.6	10.3	12.6	63	1021.9	300	8	0	25		21.4	14.8	10.0	56.0	320	16	0	Clear	1
17.8	12.6	7.5	10.4	51	1024.1	360	2	0	20		21.4	12.2	8.7	57.0	350	10	0	"	2
19.0	11.0	1.3	6.7	31	1025.6	360	8	0	20		21.0	12.4	8.5	58.0	360	18	0	"	3
18.4	11.0	2.3	7.2	34	1024.2	350	10	0	30		20.4	16.2	14.0	56.8	330	24	0	"	4
18.4	11.2	2.8	7.5	36	1023.3	360	10	0	30		21.5	16.0	13.4	59.5	320	22	0	"	5
18.8	12.4	5.8	9.3	43	1023.0	360	10	3	30		21.3	16.5	13.4	59.0	350	16	0	Fair	6
18.9	12.4	5.8	9.2	42	1021.7	360	10	0	30		21.0	12.2	9.2	61.0	340	17	0	Clear	7
18.6	13.4	8.6	11.2	52	1019.1	360	4	0	30		21.6	14.4	10.2	58.5	340	14	0	"	8
18.4	15.6	13.6	15.5	74	1018.1	–	0	6	30		23.5	11.2	7.4	54.5	130	10	0	P.Cloudy	9
21.8	12.2	1.0	6.5	25	1018.1	130	10	8	30		23.5	16.8	13.2	50.0	190	36	0	O-cast	10
17.0	14.0	11.5	13.6	70	1018.7	100	20	8	20		21.8	13.5	16.4	50.0	150	38	7.6	Rain	11
14.2	13.9	13.6	15.6	96	1016.0	060	15	8	5		19.0	12.5	13.5	21.6	090	37	196.5	Th.storm	12
15.8	13.1	10.8	13.0	72	1016.9	090	20	6	15		17.8	13.9	13.0	22.3	150	36	102.4	"	13
16.1	14.1	12.4	14.5	79	1017.0	360	5	0	30		18.7	14.0	12.2	56.0	360	19	0	Fair	14
17.1	15.0	13.4	15.4	79	1017.3	030	2	8	25		18.7	15.0	13.3	49.9			2.3	Rain	15
17.3	15.3	13.8	15.8	80	1011.2	090	6	7	25		19.2	15.1	13.1	44.6	140	35	4.2	"	16
15.2	13.0	11.2	13.3	77	1017.2	360	5	6	25		19.5	14.5	13.0		350	22	15.0	Rainsh.	17
14.7	10.0	4.6	8.5	51	1020.9	340	8	7	25		16.9	12.0	13.0	55.0	350	26	0	P.Cloudy	18
13.4	10.0	6.4	9.6	63	1020.1	350	10	4	30		16.1	13.4	10.4	52.2	340	23	0	"	19
13.8	10.2	6.2	9.5	61	1020.7	340	10	0	20		16.0	12.3	10.2	52.0	340	25	0	"	20
13.4	9.2	4.3	8.3	54	1023.0	340	14	0	30		15.6	11.5	11.2	52.1	340	26	0	Clear	21
13.9	10.0	5.7	9.2	58	1023.2	340	10	1	30		16.2	12.2	10.6	54.5	350	24	0	Fair	22
12.5	9.8	7.0	10.0	69	1019.6	–	0	4	30		16.8	12.5	10.5	52.0	350	19	0	"	23
18.2	15.2	12.9	14.9	72	1016.4	130	12	2	25		20.0	9.2	5.6	55.0	180	22	0	Cloudy	24
16.8	15.0	13.6	15.6	82	1019.3	–	0	7	20		22.2	16.0	15.0	56.0	130	21	0	"	25
15.4	13.4	11.7	13.8	79	1021.5	330	16	1	25		16.9	15.0	14.4	51.8	340	32	0.1	Rain	26
14.3	11.9	9.7	12.0	74	1020.6	330	12	0	30		15.6	12.4	10.8	52.8	350	30	0	Clear	27
13.2	9.1	4.2	8.3	55	1020.2	310	10	0	30		15.6	12.4	11.2	52.7	360	32	0	"	28
12.8	9.4	5.6	9.1	62	1018.4	300	3	0	30		16.0	12.4	10.4	51.8	350	18	0	"	29
11.9	9.1	5.8	9.3	67	1015.5	–	0	0	35		16.4	9.4	5.2	52.8	360	12	0	"	30
12.6	10.2	7.7	10.5	72	1013.8	–	0	2	30		18.0	8.4	6.8	56.3	150	9	0	"	31
13.9	10.3	5.5	9.7	62	1018.0	–	4	3	30		18.9	5.6	3.9	49.1			~~66.4~~ 328.1		Av.

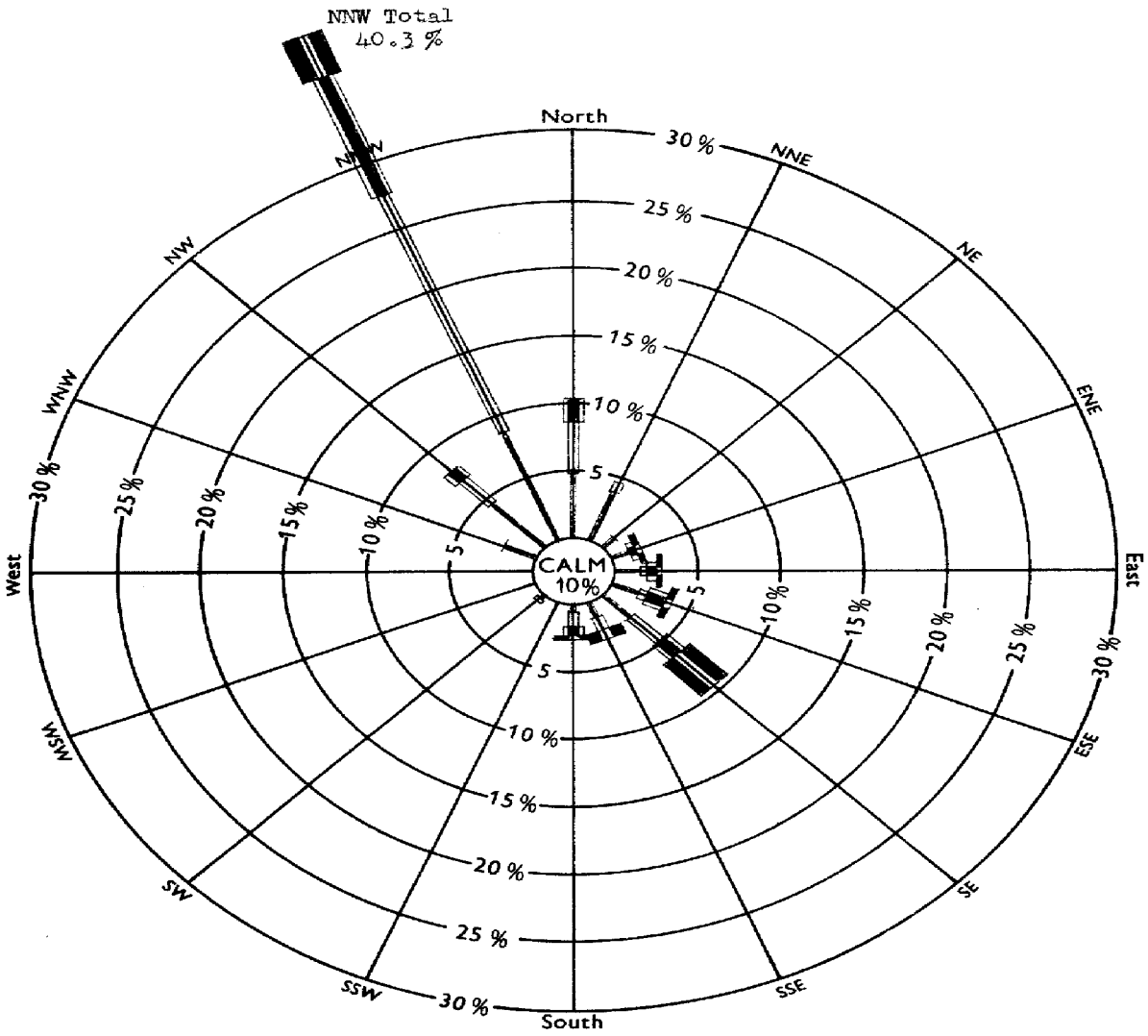
CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: December	Year: 1964
		Station: Kharg Island	
Ground Level: 3 m. AMSL	Local Time: GMT + 3½ hrs.	Lat: 29°16' N.	Long: 50°20' E.

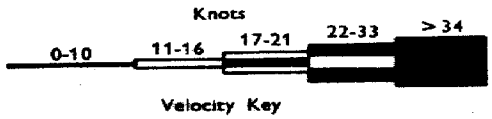


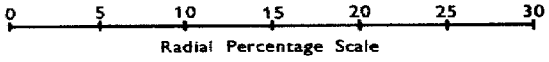
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : December	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs	Lat : 29°16' N.	Long : 50°20' E.



Hours in month 744

Hours recorded 739



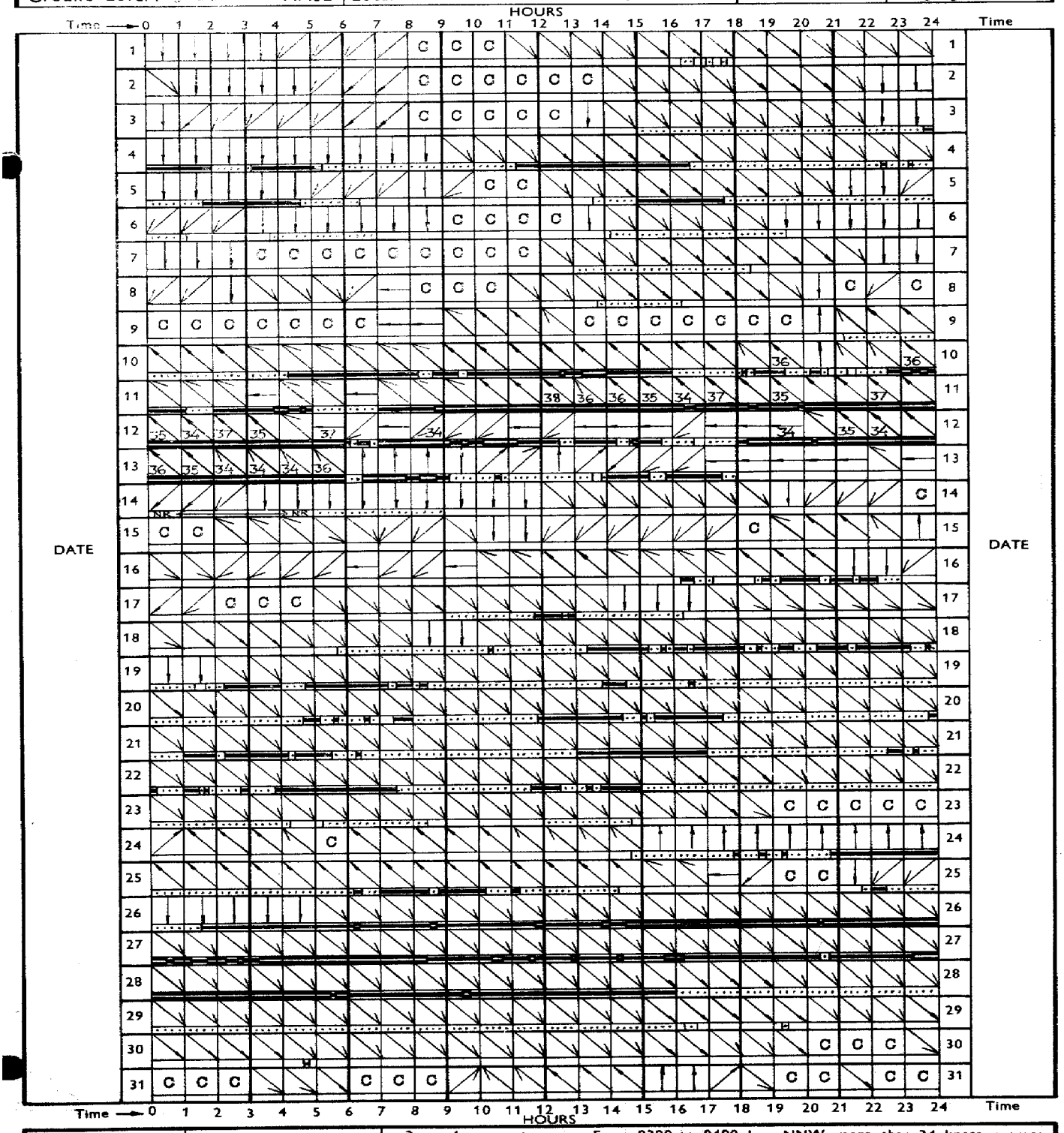


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

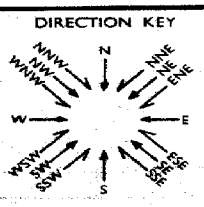
Remarks : The wind directions NW, NNW and N constitute together 58.5% of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : December	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16'N.	Long : 50°20' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964

Station : Farsi Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 28°00' N. | Long : 50°10' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 - 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm		
																			1
																			2
																			3
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																			30
																			31
																			Av.

NO DATA RECEIVED

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. ≤ 1 km.

Fog : Visibility ≤ 1 km.

Drizzle : Raindrop diameter ≤ 0.5 mm.

Rain : Rain not falling as showers

Snow : Snowfall

Rainsh : Rain falling as showers

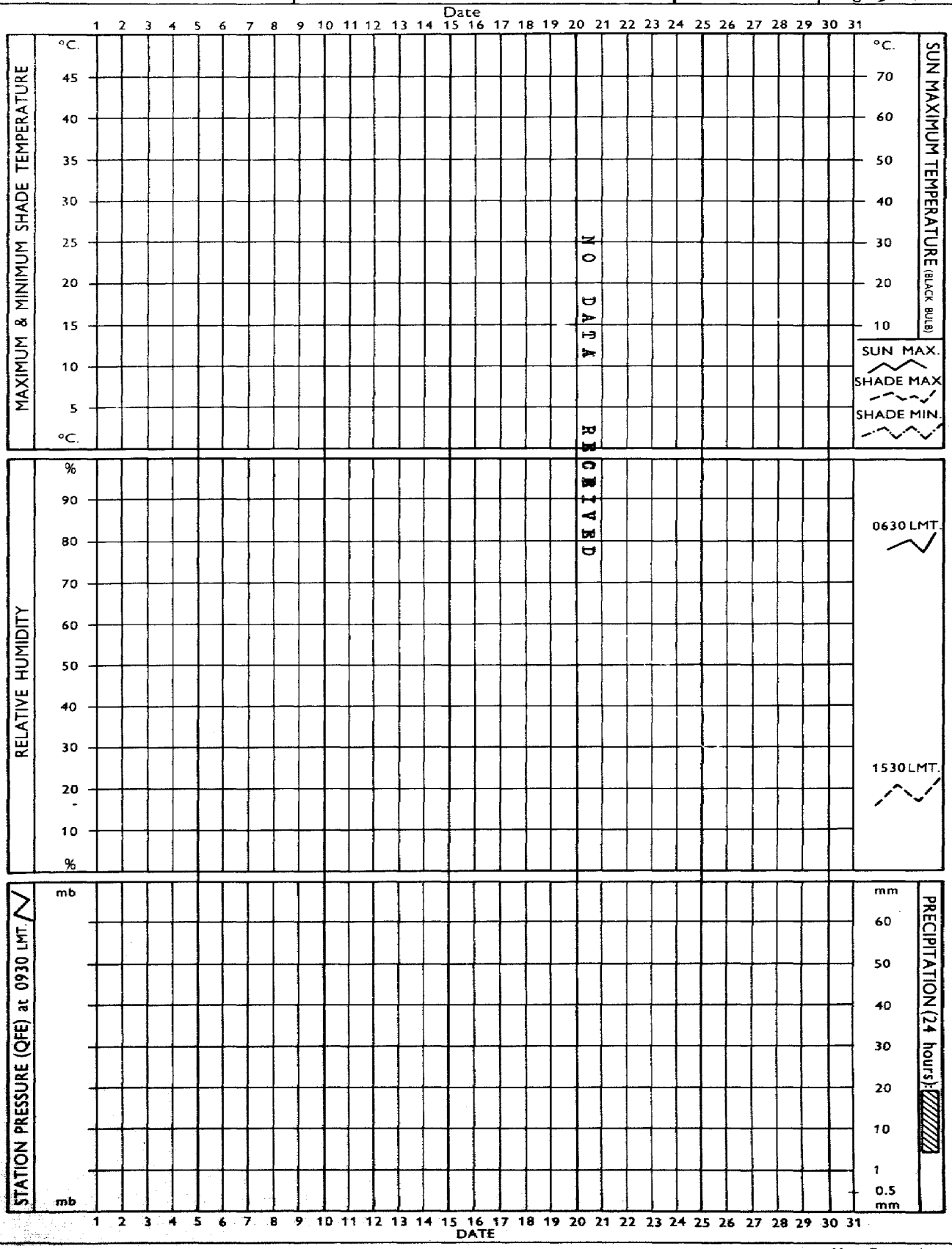
Hail : Solid precipitation

Th.storm : Thunderstorm at or near the station

Met. Form 3b

266.

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : December	Year : 1964
		Station : Farsi Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 28°00' N.	Long : 50°10' E.



IRANIAN OIL OPERATING COMPANIES

MONTHLY
WEATHER REPORT

Month : December Year : 1964
Station : Sheikh Shu'aib

Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

Date	Observations at 0630										Observations at 1230										Date
	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	Shade Temperature	Wet Bulb Temperature	Humidity			Station Pressure (QFE)	Wind		Cloudiness	Visibility	
			Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Velocity					Dew Point Temperature	Vapour Pressure	Relative Humidity		Direction	Speed			
	°C	°C	°C	mb	%	mb	deg	kt	/8	km	°C	°C	°C	mb	%	mb	deg	kt	/8	km	
1	18.4	11.9	5.0	8.7	42	1021.3	030	3	1	15	23.0	14.4	6.2	9.5	34	1021.5	120	6	0	15	1
2	17.8	12.4	7.1	10.1	50	1023.5	080	5	0	20	22.0	12.8	2.7	7.4	28	1024.2	130	11	1	30	2
3	17.0	10.0	1.2	6.7	35	1025.5	030	1	1	40	22.8	13.1	2.5	7.4	27	1025.6	110	2	1	45	3
4	18.3	11.6	4.3	8.3	39	1025.2	020	4	2	40	23.5	12.5	-1.0	5.7	19	1023.9	030	5	1	45	4
5	16.1	11.5	6.7	9.8	54	1023.2	010	1	1	45	23.6	14.1	4.5	8.4	29	1022.7	130	2	1	45	5
6	15.7	10.6	5.1	8.7	49	1022.4	030	5	1	40	23.3	13.7	3.8	8.0	28	1022.7	070	3	1	40	6
7	15.8	11.4	6.9	9.9	55	1022.4	350	2	0	45	23.7	13.2	1.3	6.7	23	1022.2	340	2	0	45	7
8	15.4	11.8	8.3	11.0	63	1021.3	360	4	0	40	24.3	14.8	5.8	9.2	30	1020.3	310	5	0	40	8
9	18.0	13.3	9.1	11.5	56	1020.3	300	2	2	45	23.3	16.7	11.6	13.7	48	1020.2	130	12	2	45	9
10	19.0	11.6	3.3	7.8	35	1019.8	090	8	6	40	22.8	14.2	5.9	9.3	33	1020.6	110	19	7	45	10
11	19.8	11.5	1.2	6.9	30	1021.0	080	16	7	35	20.8	15.0	10.1	12.4	50	1020.3	100	25	8	20	11
12	19.9	14.3	9.4	11.8	51	1020.0	090	20	7	35	21.5	15.0	9.5	11.9	46	1018.8	090	26	8	35	12
13	15.2	14.6	14.2	16.2	94	1019.0	070	12	8	40	18.8	16.8	15.4	17.5	81	1017.1	080	12	8	45	13
14	15.5	15.4	15.4	17.5	99	1015.8	080	22	8	16	16.1	15.3	14.7	16.8	92	1017.9	080	14	8	4	14
15	19.8	16.4	13.9	15.9	69	1017.7	130	20	8	20	16.9	16.0	15.4	17.5	91	1019.4	050	4	8	15	15
16	18.5	15.0	12.3	14.3	67	1016.6	100	24	8	10	20.4	17.3	15.2	17.3	72	1015.0	100	26	8	40	16
17	16.6	15.8	15.2	17.3	91	1014.6	050	4	8	30	17.8	17.1	16.6	18.9	93	1015.5	080	9	8	30	17
18	16.0	14.8	13.9	15.9	88	1019.0	060	2	6	30	20.0	15.7	12.4	14.4	61	1018.9	340	9	3	45	18
19	15.5	13.0	10.9	13.0	74	1018.6	020	2	6	40	19.3	14.2	9.9	12.2	54	1018.2	020	3	3	45	19
20	15.5	13.3	11.4	13.5	77	1018.0	350	3	6	40	19.3	14.4	10.3	12.5	56	1018.0	310	7	3	45	20
21	14.9	12.8	11.0	13.1	77	1020.0	340	3	3	40	19.9	14.9	10.8	13.0	56	1020.3	330	3	4	45	21
22	11.7	10.4	9.2	11.6	85	1022.2	340	5	1	45	19.5	13.6	8.2	10.8	48	1021.9	300	3	1	45	22
23	14.2	11.8	9.6	11.9	73	1021.4	050	3	0	45	20.0	14.1	8.9	11.4	49	1019.9	180	2	1	45	23
24	15.4	13.5	11.9	13.9	79	1018.0	310	1	1	45	20.7	16.8	14.1	16.0	65	1017.7	140	6	2	45	24
25	15.4	14.0	12.8	14.8	84	1018.3	030	2	2	45	21.4	16.7	13.2	15.2	59	1018.7	150	1	5	45	25
26	14.5	13.4	12.5	14.5	88	1018.9	300	1	1	40	21.7	17.0	13.6	15.6	60	1018.8	290	14	2	35	26
27	16.4	13.8	11.6	13.7	73	1019.0	300	8	0	50	20.7	14.5	9.1	11.5	47	1018.5	330	4	1	35	27
28	15.0	13.0	11.3	13.4	79	1018.0	030	2	1	40	19.7	15.1	11.4	13.5	59	1018.1	120	9	3	26	28
29	14.5	12.4	10.4	12.7	77	1018.3	020	1	2	40	18.5	14.2	10.6	12.7	60	1018.2	120	7	6	35	29
30	13.7	12.0	10.5	12.7	81	1016.9	300	1	3	35	19.4	13.9	9.0	11.5	60	1016.6	030	2	3	45	30
31	14.3	12.1	10.7	12.9	79	1014.8	350	1	2	35	19.4	14.3	10.0	12.2	54	1015.1	200	1	6	35	31
Av.	16.3	12.9	9.6	12.3	68	1019.7	–	6	3	36	20.8	19.0	9.4	12.3	52	1019.5	–	8	4	37	Av.

CODE FOR REMARKS

Clear : Average of cloudiness = 0/8
Fair : Average of cloudiness = 1/8 – 2/8
P. Cloudy: Partly Cloudy. Average of cloudiness = 3/8 – 5/8
Cloudy : Average of cloudiness = 6/8 – 7/8
O – cast : Overcast. Average of cloudiness = 8/8
Haze : Visibility reduced by dry particles
Mist : Visibility reduced by wet particles
Dust : Dust suspended in the air. Vis. < 1 km

(continued)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : December Year : 1964
Station : Sheikh Shu'aib

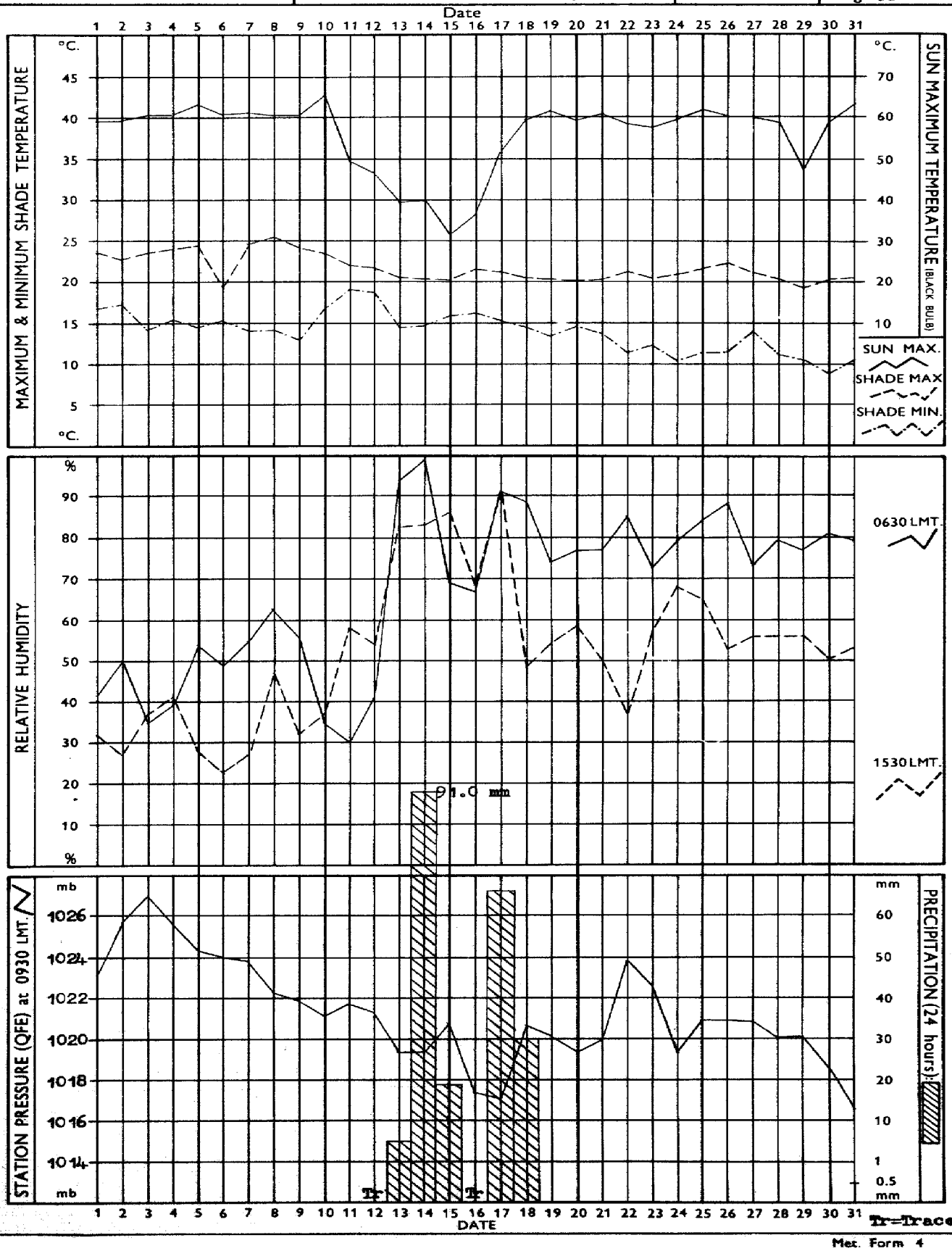
Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity		Remarks	Date
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
20.8	15.0	10.1	12.4	50	1021.3	360	1	0	15	21.1	23.6	16.8	13.5	59.0	120	9	0	Clear	1
20.4	12.0	2.4	7.3	30	1024.1	170	2	1	20	21.5	22.8	17.2	13.7	59.0	080	11	0	"	2
19.0	11.4	2.6	7.4	34	1024.9	270	3	1	40	21.2	23.5	14.3	9.5	60.5	050	6	0	Fair	3
19.5	14.8	10.9	13.1	58	1023.2	270	2	2	40	21.5	24.0	15.5	11.7	60.5	020	15	0	"	4
19.3	11.8	3.4	7.8	35	1022.2	290	2	1	40	21.5	24.4	14.5	11.0	63.0	360	10	0	"	5
19.8	11.9	3.1	7.6	33	1022.7	300	1	2	45	22.1	19.3	15.5	10.9	60.9	360	12	0	"	6
19.5	12.8	6.0	9.4	42	1021.5	290	2	0	45	21.8	24.5	14.3	11.0	61.2	360	9	0	Clear	7
20.9	15.0	10.1	12.3	50	1019.6	290	3	0	40	22.1	25.5	14.2	10.2	60.2	010	8	0	"	8
22.7	14.3	6.4	9.6	35	1018.9	130	6	2	45	22.2	24.3	13.1	10.6	60.5	140	14	0	P.Cloudy	9
21.9	15.3	9.8	12.1	46	1020.0	120	20	8	40	21.2	23.6	16.8	12.0	65.5	110	24	0	Cloudy	10
20.4	15.5	11.7	13.7	57	1020.7	110	20	8	15	21.2	22.0	19.1	18.1	49.8	120	36	0	O-cast	11
20.2	14.9	10.4	12.7	54	1019.0	090	21	8	35	20.8	21.8	18.7	14.9	47.0	110	32	Tr.	Rain	12
18.4	17.0	16.0	18.2	87	1018.6	120	15	8	20	20.8	20.6	14.6	13.7	39.5	120	29	5.0	Rainsh.	13
18.3	16.3	14.9	16.9	80	1018.0	120	15	6	40	21.0	20.3	14.8	15.0	40.0	130	40	91.0	Th.storm	14
17.3	15.4	13.8	15.8	79	1017.8	070	3	8	15	19.8	20.2	16.0	14.6	31.8	110	34	18.8	"	15
20.9	17.1	14.4	16.4	66	1015.4	110	20	8	20	20.9	21.6	16.3	14.7	36.6	100	38	Tr.	Rainsh.	16
19.0	17.2	16.1	18.3	83	1016.2	120	14	8	15	19.8	21.3	15.3	15.2	51.6	090	17	66.0	"	17
16.9	14.0	11.6	13.6	71	1018.6	280	4	6	30		20.6	14.5	12.4	59.2			30.0	"	18
15.8	13.8	12.2	14.2	79	1018.3	300	2	7	30	18.0	20.3	13.6	11.6	61.3			0	P.Cloudy	19
15.8	13.3	11.2	13.3	74	1018.9	270	4	2	30	18.7	20.0	14.5	12.7	59.0	300	16	0	"	20
16.0	12.8	9.9	12.2	67	1020.6	270	4	1	40	18.5	20.2	13.8	11.4	60.8			0	"	21
17.4	13.7	10.6	12.7	64	1021.8	160	1	1	40	18.4	21.3	11.4	9.5	58.4	360	10	0	Fair	22
17.7	14.8	12.5	14.5	71	1019.7	330	2	1	30	19.6	20.4	12.3	14.8	57.5			0	"	23
19.0	16.3	14.4	16.4	75	1017.9	140	1	1	30	18.6	20.9	13.2	10.5	59.4			0	"	24
19.5	16.5	14.3	16.4	72	1018.8	150	1	3	30	19.0	21.6	14.2	11.4	61.8			0	P.Cloudy	25
19.4	15.8	13.1	15.1	67	1018.5	290	15	0	35	19.9	22.3	14.1	11.5	60.0	300	21	0	Fair	26
16.8	14.0	11.7	13.7	71	1018.3	280	4	1	30	19.0	21.2	15.6	14.0	60.0	320	23	0	"	27
18.9	14.8	11.5	13.6	62	1018.4	150	4	2	20	20.5	20.3	13.8	11.2	58.7	100	8	0	"	28
16.1	13.8	12.0	14.0	77	1017.8	300	2	5	20	18.9	19.2	13.6	10.6	47.5	100	9	0	P.Cloudy	29
[illegible]0	14.0	11.6	13.6	70	1015.4	270	1	5	35	18.6	20.2	12.2	8.9	58.7			0	"	30
18.0	13.5	9.6	11.9	58	1014.0	190	1	2	20	18.8	20.5	12.9	10.5	63.0			0	Fair	31
18.8	14.4	10.6	13.1	61	1019.4	–	6	4	31	20.2	21.7	14.7	12.3	55.9					Av.

CODE FOR REMARKS (continued)

Sandst : Sandstorm. Vis. < 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

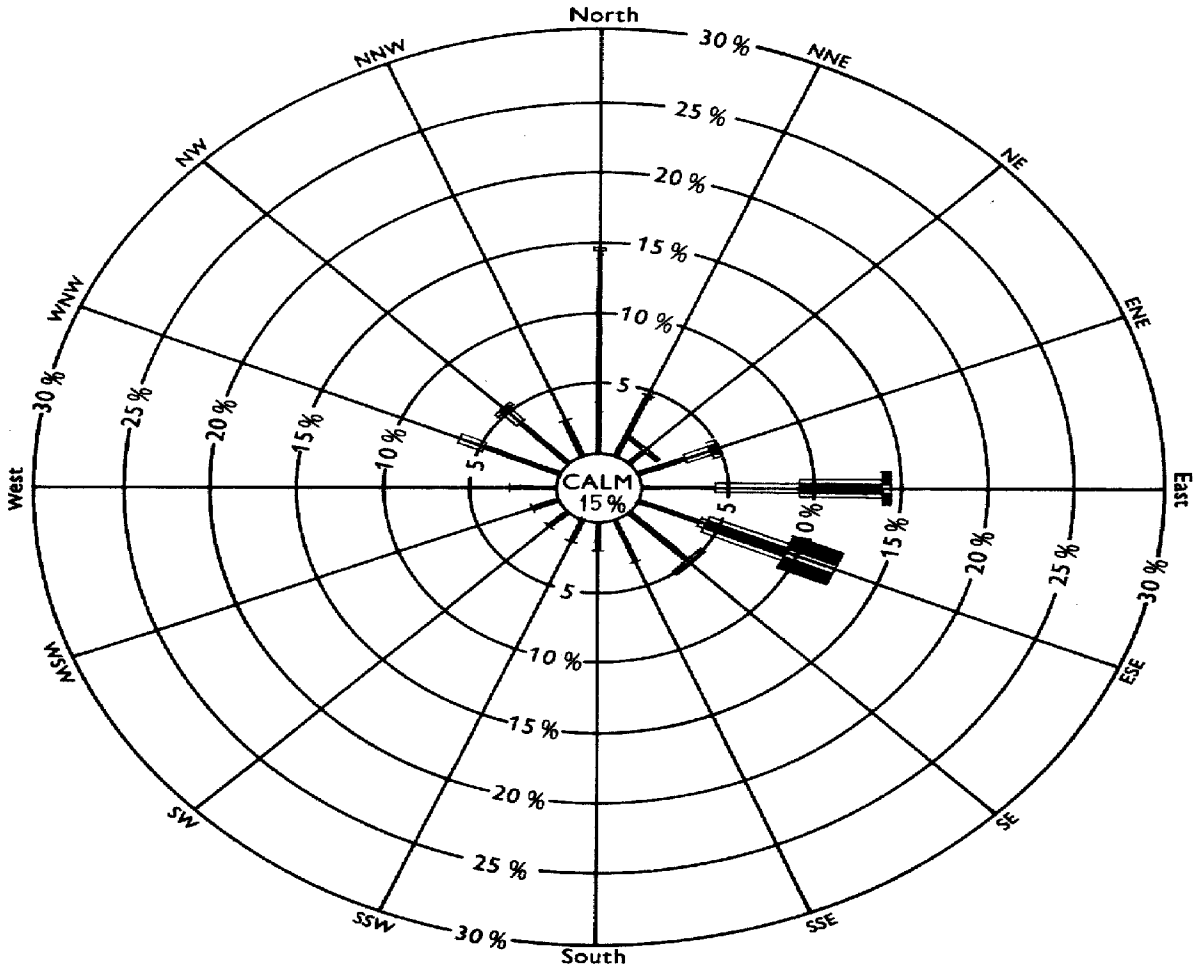
IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : December	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Tr=Trace

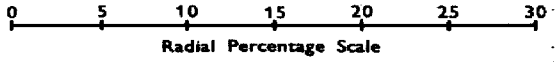
Met. Form 4

IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : December	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 744

Hours recorded 729

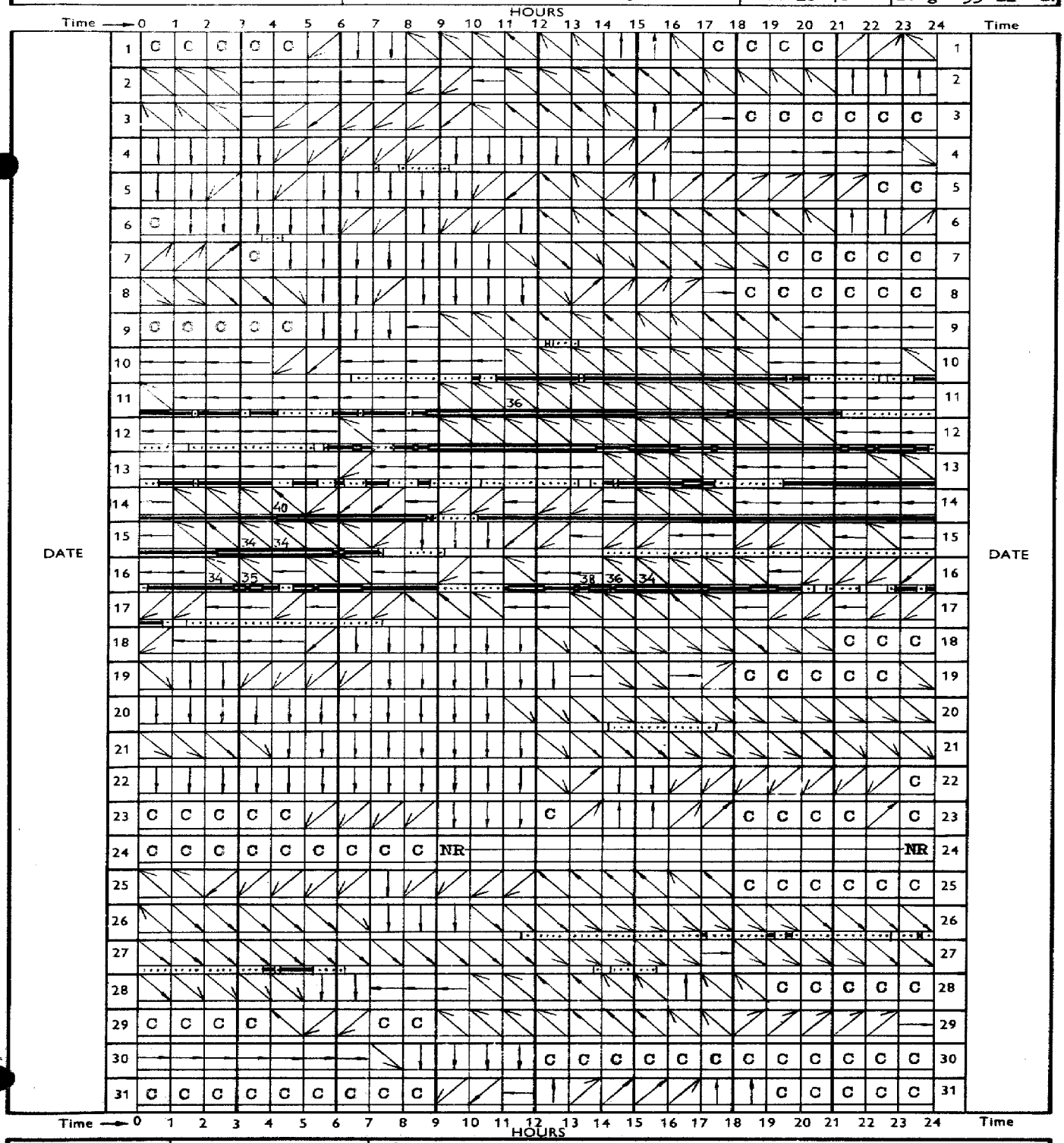


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

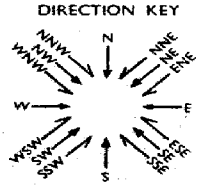
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : December	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



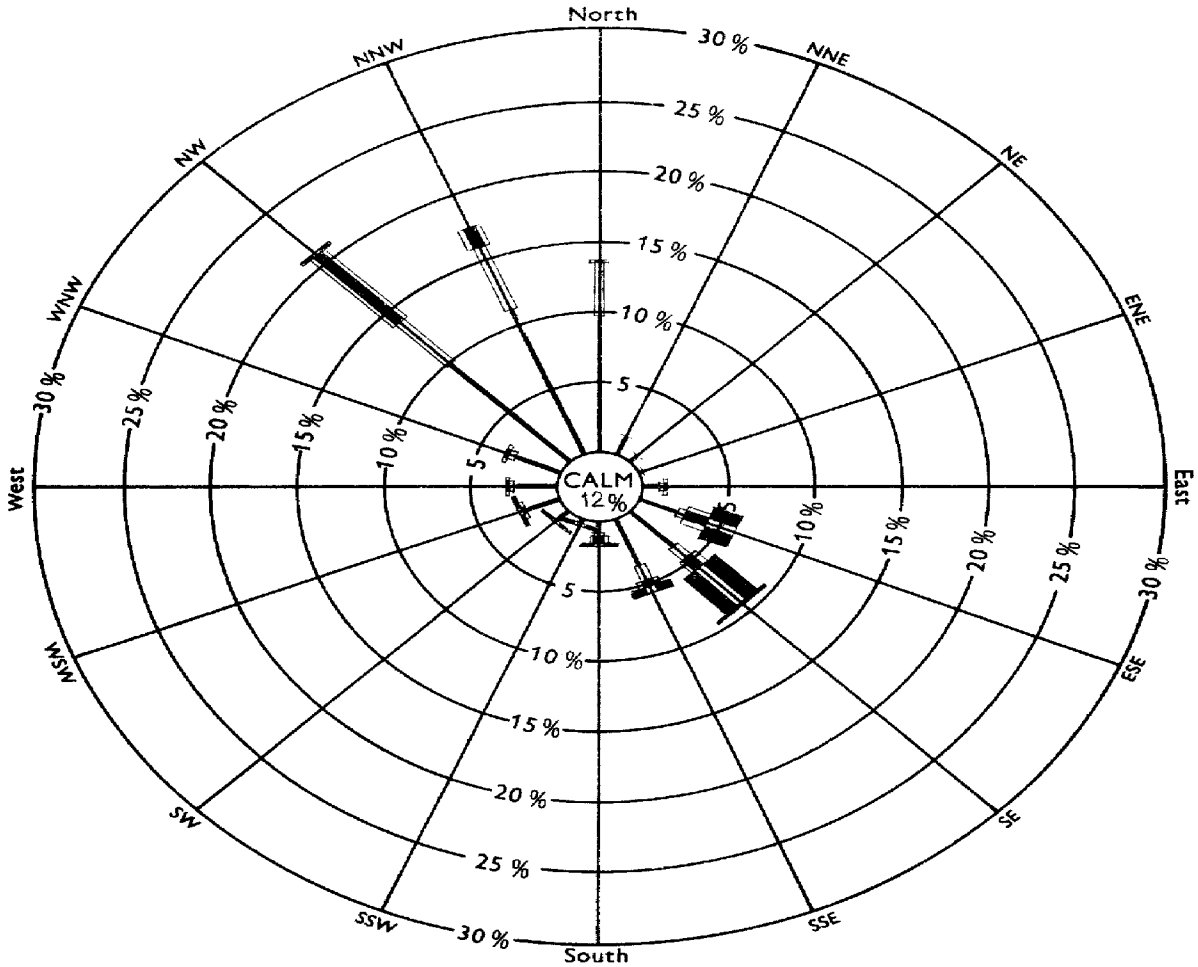
3 4 40

Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

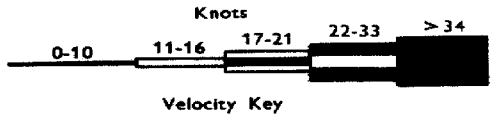
Met. Form 6

IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : December	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.

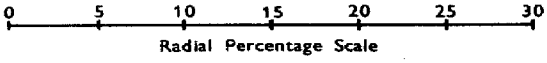


Hours in month 744

Hours recorded 554



Velocity Key



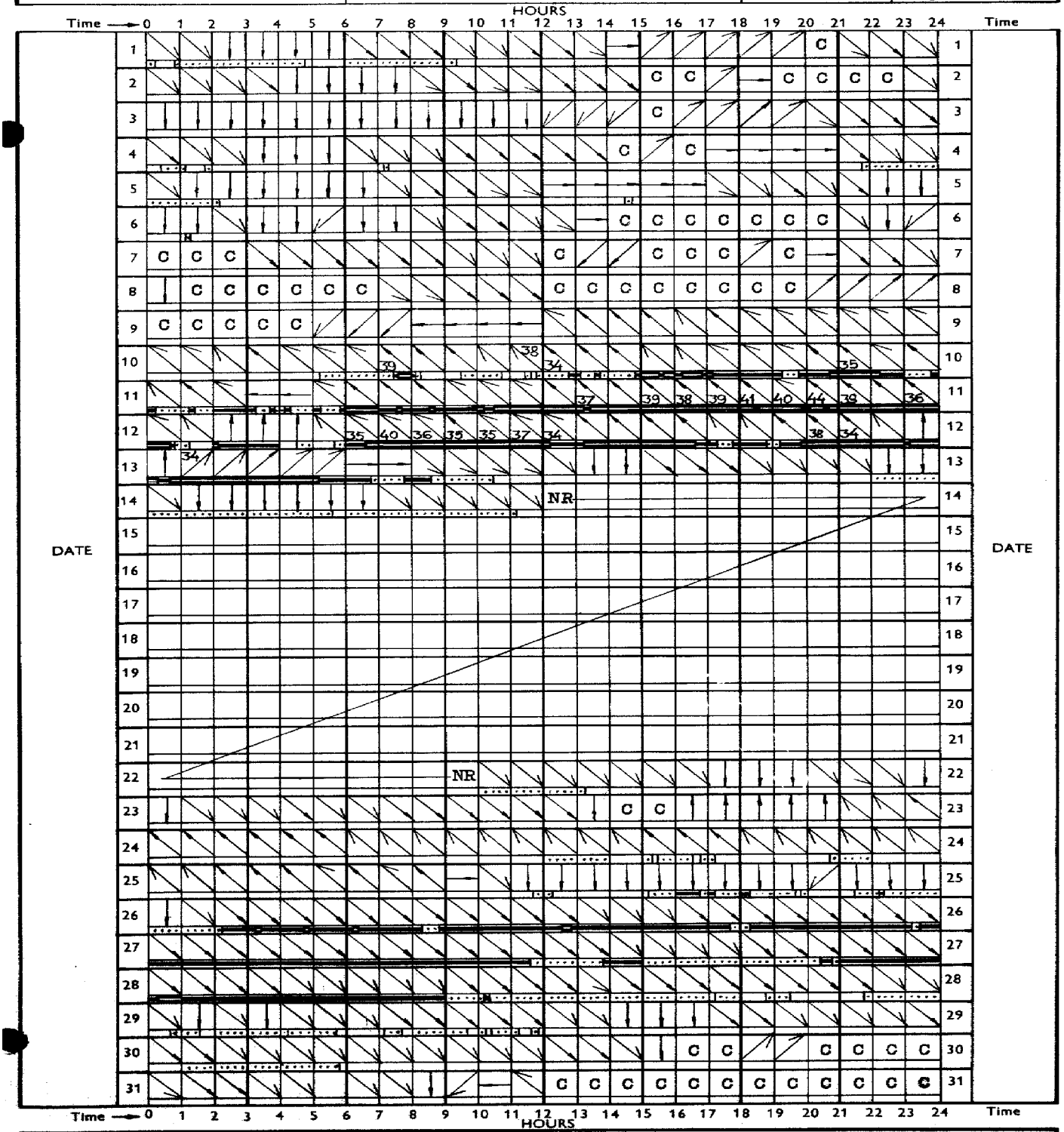
Radial Percentage Scale

Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

2. Percentages are plotted radially from inner circle edge and are accumulative, exclusive of total calm periods, which are shown by figure in centre circle.

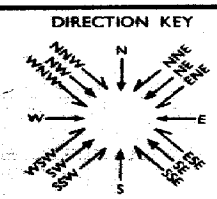
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : December	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



VELOCITY KEY	
C	Calm
	1-10 Knots
	11-16
	17-21
	22-33
	> 34
NR	No Record.

DIRECTION KEY



Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks : During the period 14th - 22nd the clock was jammed and recording missed for one week.

MEAN SEA LEVEL PRESSURE (QFF) MB

Date	Masjid-i-Sulaiman 0630	1230	1830	Agha Jari 0630	1230	1830	Gach Saran 0630	1230	1830	Ahwaz 0630	1230	1830
1	1023.0	1022.6	1022.0	1023.6	1023.7	1023.2	1023.1	1021.7	1022.4	1023.1	1023.3	1022.3
2	1024.5	1024.9	1025.0	1025.4	1925.9	1025.5	1024.6	1023.5	1025.1	1024.4	1025.2	1024.9
3	1026.8	1026.6	1026.0	1027.1	1027.7	1026.3	1026.8	1025.4	1026.2	1026.7	1027.2	1026.0
4	1027.1	1025.5	1024.5	1027.9	1026.8	1025.5	1026.8	1024.4	1024.9	1027.1	1026.1	1024.4
5	1025.0	1024.2	1023.3	1025.9	1025.5	1024.4	1024.9	1022.7	1023.1	1024.9	1024.7	1023.5
6	1023.3	1023.6	1024.0	1024.4	1025.0	1024.3	1023.3	1021.9	1023.4	1023.7	1024.1	1023.9
7	1024.1	1023.7	1022.3	1024.9	1024.9	1022.9	1023.9	1021.6	1021.9	1024.0	1024.3	1022.5
8	1022.3	1021.0	1019.6	1023.5	1022.5	1020.3	1022.4	1019.8	1019.5	1022.4	1021.8	1019.5
9	1020.3	1019.3	1019.0	1021.7	1020.4	1019.5	1020.6	1019.2	1019.0	1020.3	1020.2	1018.6
10	1018.4	1019.6	1018.4	1019.9	1020.1	1020.7	1018.3	1020.4	1018.0	1019.0	1018.8	1019.1
11	1020.4	1019.6	1019.2	1020.2	1018.1	1018.7	1018.8	1018.0	1018.8	1019.6	1018.6	1018.9
12	1017.3	1017.0	1014.6	1018.4	1018.4	1016.3	1017.6	1017.8	1015.5	1017.5	1017.1	1014.9
13	1014.7	1015.5	1016.4	1016.2	1017.7	1018.8	1015.0	1016.7	1016.8	1014.2	1016.5	1017.8
14	1018.8	1017.3	1018.0	1019.6	1018.8	1019.2	1018.3	1015.5	1017.4	1019.2	1018.1	1018.3
15	1017.6	1018.7	1018.1	1019.9	1020.3	1019.5	1017.1	1017.1	1016.6	1019.4	1020.2	1018.8
16	1018.5	1015.9	1013.1	1018.9	1016.2	1014.0	1015.7	1012.9	1011.1	1019.0	1015.9	1013.5
17	1013.5	1014.9	1016.0	1015.4	1016.9	1018.6	1011.3	1013.3	1014.8	1014.3	1015.9	1017.1
18	1020.1	1021.3	1021.7	1024.5	1023.5	1022.6	1020.1	1018.8	1019.8	1021.6	1022.7	1022.2
19	1021.6	1020.5	1020.8	1022.5	1022.3	1021.8	1019.5	1018.5	1018.1	1022.0	1021.6	1021.0
20	1021.4	1022.5	1021.3	1022.6	1022.1	1022.5	1019.6	1018.1	1019.8	1021.7	1021.5	1021.7
21	1023.1	1023.3	1023.5	1024.6	1024.5	1024.8	1021.6	1020.6	1019.9	1023.7	1024.1	1023.9
22	1024.9	1024.1	1023.2	1026.0	1026.3	1024.8	1023.4	1021.9	1022.4	1025.3	1024.6	1023.8
23	1022.7	1020.9	1019.0	1024.1	1022.4	1021.1	1020.9	1018.9	1018.2	1022.6	1021.8	1019.1
24	1017.7	1016.2	1016.2	1018.4	1017.6	1017.5	1016.6	1015.3	1016.4	1017.3	1016.0	1015.9
25	1017.7	1018.9	1020.8	1018.8	1020.3	1022.7	1017.3	1017.2	1019.1	1017.4	1019.8	1021.3
26	1022.3	1022.0	1023.0	1022.6	1023.5	1023.9	1018.7	1018.7	1019.9	1022.4	1023.5	1023.2
27	1022.2	1022.0	1021.5	1024.1	1023.6	1022.3	1020.9	1018.8	1019.3	1023.2	1022.4	1021.8
28	1020.6	1019.8	1021.5	1022.3	1022.1	1022.0	1019.1	1017.6	1019.6	1021.1	1021.0	1021.1
29	1020.1	1020.0	1019.1	1021.2	1021.1	1020.1	1019.3	1017.7	1017.7	1020.5	1020.1	1019.6
30	1018.1	1016.8	1016.3	1019.6	1018.5	1016.7	1016.7	1015.2	1015.2	1018.5	1018.0	1015.8
31	1014.6	1014.5	1014.1	1016.1	1015.9	1015.4	1014.0	1013.1	1012.8	1015.2	1015.4	1014.4
Av.	1020.7	1020.4	1020.0	1022.0	1021.7	1021.2	1019.9	1018.8	1019.1	1021.0	1021.0	1020.3

Date	Abadan 0630	1230	1830	Bandar Mashur 0630	1230	1830	Kharg Island 0630	1230	1830	Sheikh Shu'aib 0630	1230	1830
1	1023.7	1023.5	1022.6	1022.9	1023.1	1022.2	1022.3	1023.0	1022.3	1021.7	1021.9	1021.2
2	1024.5	1025.2	1025.0	1024.6	1024.9	1024.7	1024.0	1025.0	1024.5	1023.9	1924.6	1024.5
3	1026.8	1027.2	1026.1	1026.6	1027.2	1025.9	1025.8	1027.1	1026.0	1025.9	1026.0	1025.4
4	1027.8*	1026.5*	1025.0	1026.7	1025.8	1024.5	1026.2	1025.5	1024.6	1025.6	1024.3	1023.6
5	1025.3	1025.5	1024.1	1024.7	1024.6	1023.5	1024.5	1024.4	1023.7	1023.6	1023.1	1022.6
6	1024.1	1024.4	1023.7	1023.5	1023.9	1023.4	1023.3	1024.2	1023.4	1022.8	1023.1	1023.1
7	1024.3	1024.3	1022.9	1024.1	1024.3	1022.0	1023.6	1023.7	1022.1	1022.8	1022.6	1021.9
8	1023.2	1021.9	1019.6	1022.8*	1021.8	1019.3	1022.1	1021.3	1019.5	1021.6	1020.7	1020.0
9	1020.4	1019.6	1018.3	1021.4	1020.0	1018.3	1021.0	1020.0	1018.5	1020.7	1020.6	1019.3
10	1017.5	1017.8	1018.0	1018.4	1019.3	1019.2	1018.9	1018.8	1018.5	1020.2	1021.0	1020.4
11	1018.0*	1017.2*	1016.3	1018.8	1017.3	1017.7*	1019.3	1018.4	1019.1	1021.4	1020.7	1021.1
12	1016.9	1016.2	1013.0	1017.8*	1016.4*	1014.6*	1018.6	1016.3	1016.4	1020.4	1019.2	1019.4
13	1015.1	1017.3	1018.2	1014.3*	1016.5*	1017.4*	1015.9	1017.4	1017.3	1019.4	1017.5	1019.0
14	1019.7	1019.3	1018.6	1018.4*	1018.3	1018.3	1017.7	1017.4	1017.4	1016.2	1018.3	1018.4
15	1019.6	1020.1	1019.3	1019.9	1019.5	1018.4	1018.7	1018.7	1017.7	1018.1	1019.8	1018.2
16	1018.6	1016.0	1014.5	1018.1	1015.1	1014.1	1016.6	1014.7	1011.6	1017.0	1015.4	1015.8
17	1015.0	1016.6	1017.3	1014.7	1016.2	1017.2	1013.9	1015.8	1017.6	1015.0	1015.9	1016.6
18	1021.2*	1022.5*	1021.9	1021.8	1022.6	1022.1	1021.4	1022.0	1021.3	1019.4	1019.3	1019.0
19	1022.1	1022.4	1021.1	1021.8	1021.8	1020.9	1020.4	1020.7	1020.5	1019.0	1018.6	1018.7
20	1022.5	1022.5	1022.2	1021.8	1021.7	1021.4	1020.7	1020.9	1021.1	1018.4	1018.4	1019.3
21	1024.1	1025.2	1024.6	1023.5	1024.3	1024.1	1022.4	1023.1	1023.4	1020.4	1020.7	1021.0
[illegible]	1026.4	1025.5	1024.3	1025.0	1025.3	1023.9	1024.4	1024.5	1023.6	1022.6	1022.3	1022.2
[illegible]	1023.1	1021.8	1019.1	1023.0	1022.0	1019.4	1021.7	1021.2	1020.0	1021.8	1020.3	1020.1
24	1016.5	1015.1	1015.3	1017.4	1016.2	1016.2	1017.8	1017.0	1016.8	1018.4	1018.1	1018.3
25	1017.0*	1018.7*	1020.9	1017.3	1018.7	1021.3	1017.7	1017.9	1019.7	1018.7	1019.1	1019.2
26	1023.3	1024.3	1024.3	1022.1	1023.0	1023.3	1021.2	1022.1	1021.9	1019.3	1019.2	1018.9
27	1024.0	1023.5	1022.9	1023.2	1023.2	1021.6	1022.4	1022.1	1021.0	1019.4	1018.9	1018.7
28	1022.3	1021.8	1021.2	1020.6	1021.3	1021.1	1020.3	1020.6	1020.6	1018.4	1018.5	1018.8
29	1021.1	1020.7	1019.8	1020.3*	1020.5	1019.4	1019.9	1019.5	1018.8	1018.7	1018.6	1018.2
30	1019.1	1018.4	1016.0	1018.4	1017.8	1016.5	1018.0	1017.6	1015.9	1017.3	1017.0	1015.8
31	1015.7	1015.3	1014.4	1015.5	1015.5	1014.2	1014.1	1014.9	1014.2	1015.2	1015.5	1014.4
Av.	1021.3	1021.2	1020.3	1021.0	1020.9	1020.2	1020.5	1020.5	1020.0	1020.1	1019.9	1019.8

* Values obtained from barograph.

Met. form 9