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WEATHER BUREAU

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY.

AIR SERVICES

METEOROLOGICAL OBSERVATIONS

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National Oceanic and Atmospheric Administration

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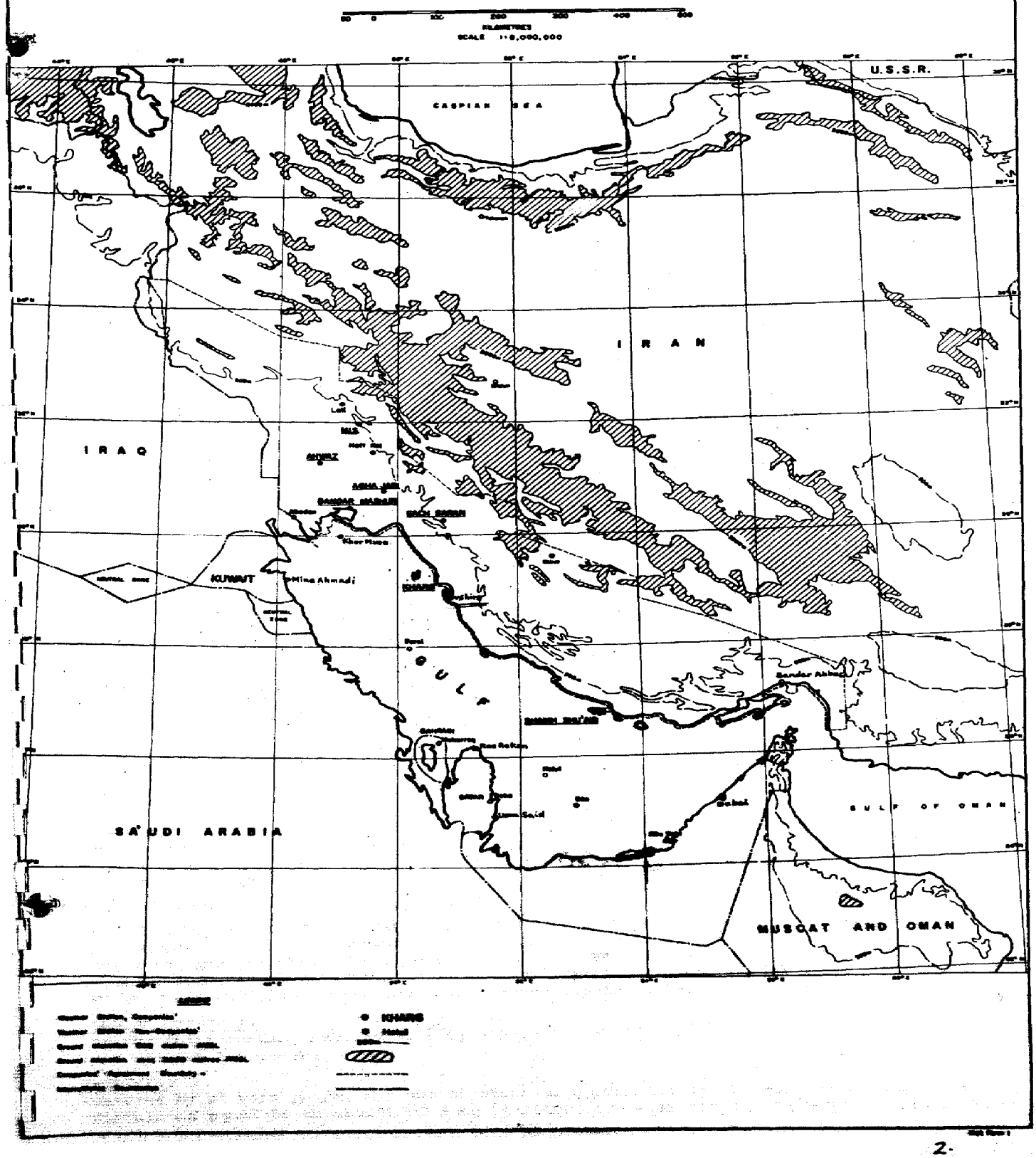
IRANIAN OIL OPERATING COMPANIES' WEATHER STATIONS.



WEATHER BULLETIN

January 1964

The Iranian Oil Exploration and Productig Companies' Weather Reporting Stations are Controlled by Air Services H.Q. Abadan. The technical work is supervised by a Meteorolcgist from International Meteorological Consultant Services, London. The instruments and observation procedures used are according to International and Iranian regulations. The stations are manned by specialy trained Meteorological Observers.

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

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.	
Agha Jari (Ummedieh airport) 1)	40 833	30°44' N	49°40' E	29 m.	
Gach Saran (Du Gombadan airport) 1)	40 835	30°20' N	50°50' E	709 m.	
Kut Abdullah (Airport) 2)	-	31°13' N	48°20' E	15 m.	
Abadan (IOE&PC airport) 2)	-	30°22' N	48°13' E	3 m.	
Bandar Mashur (Marine Department) 3)	40 832	30°30' N	49°12' E	3 m.	
Kharg Island (Airport) 1)	40 845	29°16' N	50°20' E	3 m.	
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	
Khor Musa (Instrument platform) 4)	-	30°00' N	49°02' E	6 m.	

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

REMARKS.

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.

Humidity.
Measured by a "dry" and "wet" bulb thermometer system (unventilated) in a thermometer screen at a height of approximately 135 cm. above ground.
The daily average is calculated from the observations at 0630, 1230, and 1830 local time.

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 occures, 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 winter time.

Station Pressure.
The barometer reading reduced to 0°C, standard gravity, and station level. Measured by 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 Masjid-i-Sulaiman, Agha Jari, Bandar Mashur, Kharg Island, Sheikh Shu'aib and Khor Musa are equipped with Dines Pressure Tube Anemograph, The other stations have either a cup generator anemometer or a portable anemometer.

Horizantal Visibility.
The lowest visibility reported 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.

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

Cloudiness.
The total amount of cloud 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 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 Dines Pressure Tube Anemograph exposed at approximately 13 m. above ground.

CONVERSION FACTORS.

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

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

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

Standard atomospheric 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 mm = 3.28 ft
1 km = 0.621 statute miles

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

WEATHER.

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

	Max.Temp. °C	Min.Temp. °C	Sun Max. Temp. °C	Rel. Hum %	Station Pressure mb.	January rainfall % of normal	Rainfall Oct.63 - Jan.64 % of normal
Masjid-i-Sulaiman	-4.7	-6.6		-17	+2.5	9	44
Agha Jari	-3.8	-8.3				2	21
Gach Sarán	-5.8	-8.0	-7.1		+0.7	32	87
Abadan	-2.8	-6.5		-29	+4.9	11	34
Bandar Mashur	-4.1	-4.9				[illegible]	24
Kharg Island	-5.2	-4.5			+3.9	21	71

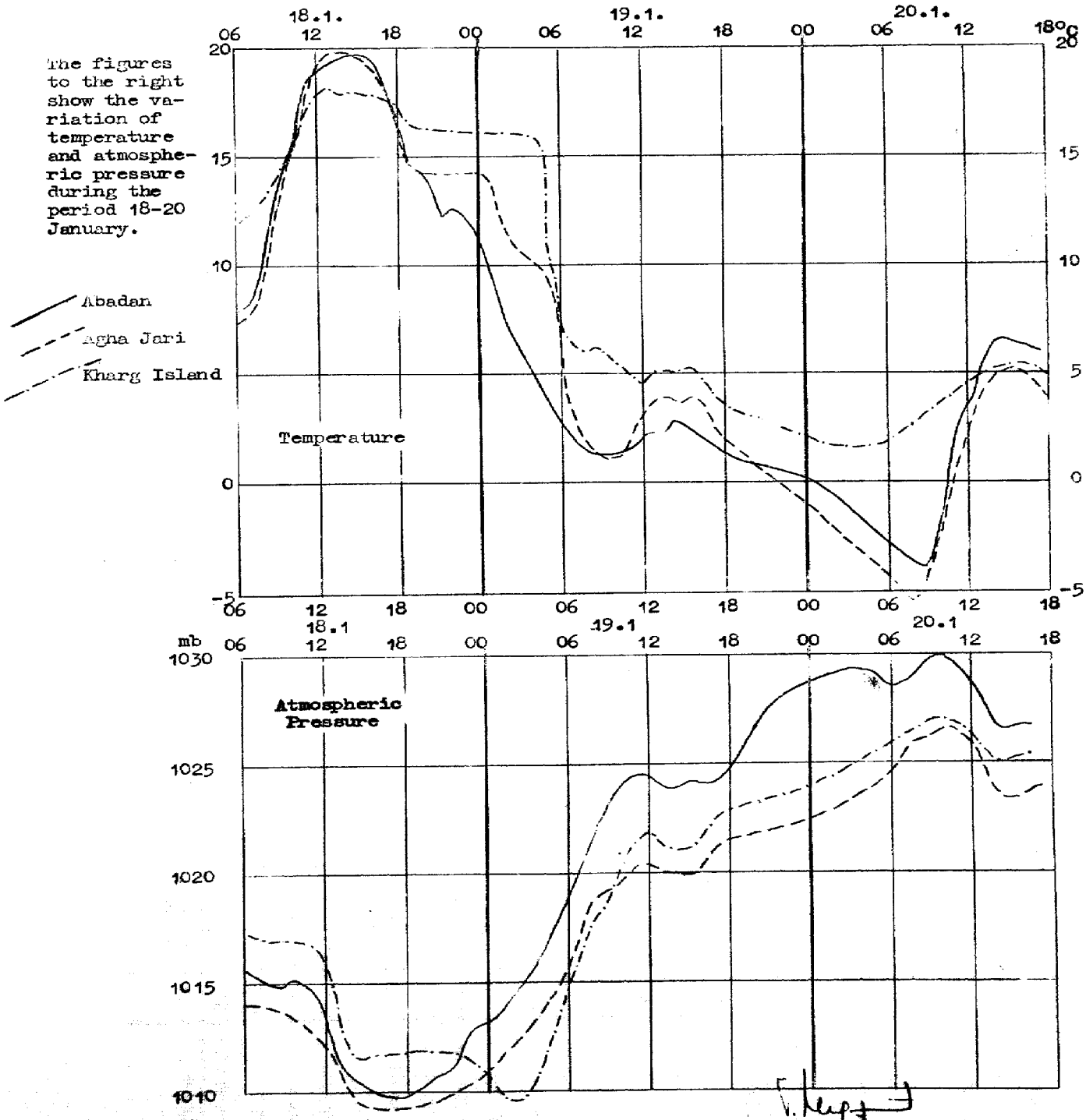
On the 18th and 19th, an extraordinary weather situation occurred. An unusually deep depression past from northwest over the country. After the passage, very cold air was transported from the inner parts of Asia down over Iran.

At Abadan Refinery meteorological readings have been taken from 1914 to 1961. The cold spell that occurred from the 19th to the end of the month is the longest and most severe that has ever been recorded during this period.

The following table gives a few data for Abadan:

	°C	date	Previously recorded extreme value	
Lowest Minimum Temperature	-4.5	25th	-4.2	26.1.1925
Lowest Maximum Temperature	+3.0	19th	+5.6	6.1.1942
Average Minimum Temperature	+1.1		+3.6	Jan. 1925
Average Maximum Temperature	+14.5		+14.1	Jan. 1925

The figures to the right show the variation of temperature and atmospheric pressure during the period 18-20 January.



T. Bergquist, IMCOS Ltd.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month: January Year: 1964

Local Time: G.M.T. + 3½ hrs

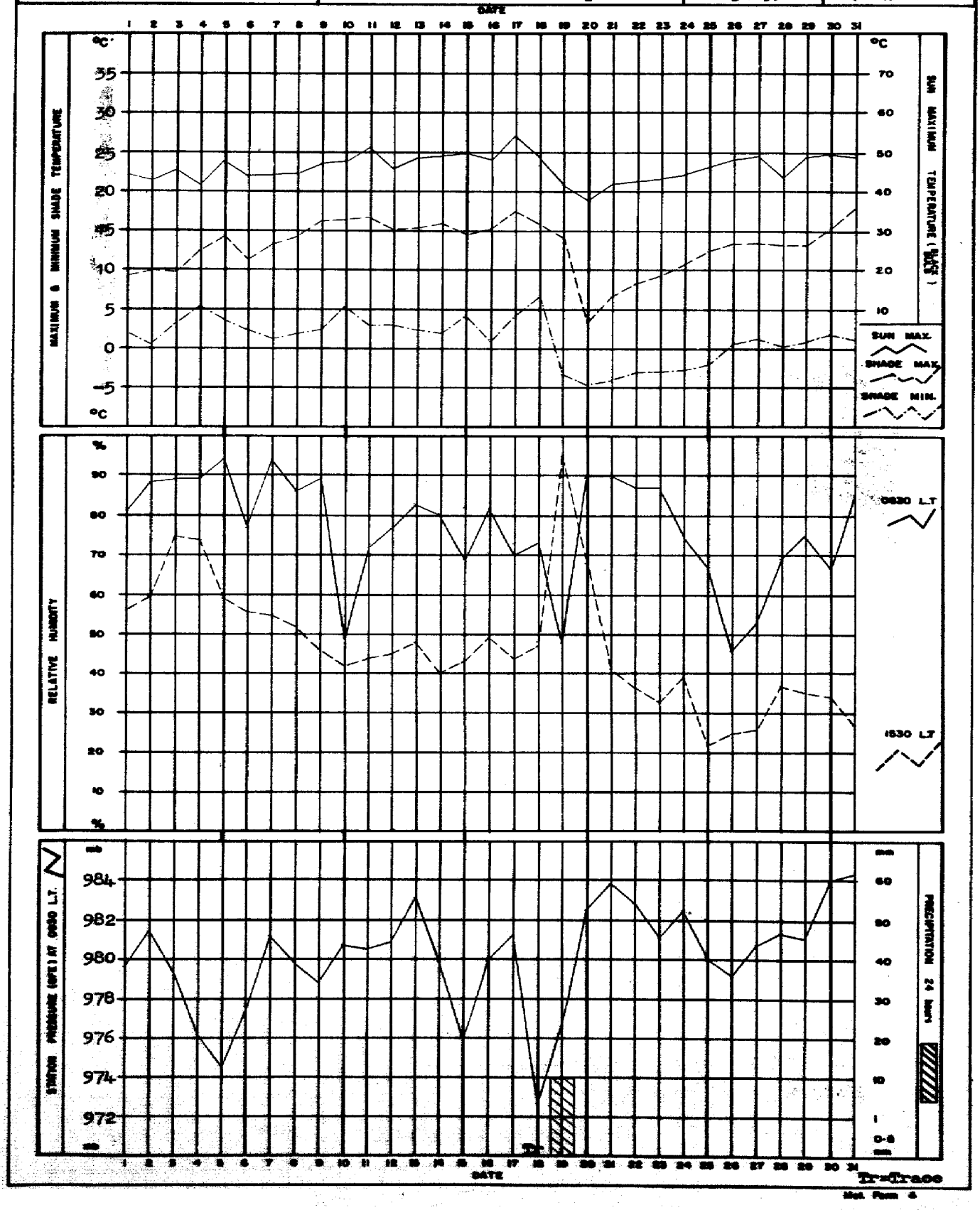
Station	Maximum Temperature Monthly Average °C	Maximum Temperature Monthly Highest °C	Date	Minimum Temperature Monthly Average °C	Minimum Temperature Monthly Lowest °C	Date	Ground Min. Temperature Monthly Average °C	Ground Min. Temperature Monthly Lowest °C	Date	Sea Temp. Monthly Average °C	Sun Maximum 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. 1830 (avr.) %	Humidity Rel. Hum. 0930 (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.	Maximum Wind Velocity Date
Masjid-i-Sulaiman	13.1	17.9	31	1.2	-4.6	20	-1.7	-6.1	20		46.2	54.0	17	6.2	6.5	62	47	77	9.9	9.9	19	980.1	984.3	31	972.7	18	36	280	18
Agha Jari	15.0	20.4	18	-0.5	-7.8	21	-2.5	-10.6	24		46.4	59.4	10	5.5	6.6	52	31	74	1.3	1.3	6	1022.4	1027.5	21	1013.7	18	41	340	18
Gach Saran	11.5	17.2	31	-1.4	-7.6	20	-2.5	-9.0	20		40.6	50.7	10	6.2	4.0	69	48	91	27.0	12.2	4	937.6	942.5	31	929.9	19			
Fort Abdullah	14.1	19.3	18	-0.9	-6.5	21	-2.8	-8.5	25					5.4	6.2	56	32	79	0.8	0.8	19	1022.4	1028.6	21	1013.6	18			
Abadan	14.5	20.2	17	1.1	-4.5	25								5.3	8.0	48	26	69	4.0	4.0	6	1025.1	1030.5	21	1015.1	18			
Bandar Mashur	13.9	18.0	17	2.2	-4.0	20	1.2	-4.5	20					5.9	6.1	55	33	72	0.3	0.3	6	1024.4	1029.8	21	1015.2	18	42	310	19
Kharg Island	13.9	18.4	18	9.1	1.4	20	7.2	-0.6	20					7.6	9.0	55	52	60	14.6	12.2	15	1023.7	1028.8	21	1017.0	18	56	340	19
Sheikh Shu'aib	18.9	21.9	1	11.7	5.0	20	10.1	4.5	20	18.9	55.9	63.1	8	7.8	11.4	62	53	70	43.0	23.0	5	1022.0	1027.7	31	1012.6	19	58	290	19
Khor Musa																											53	340	19

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. ≤ 1 km)	Dust (Vis. ≤ 1 km)	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	6	25	0	0	0	0	7	24	0	0	0	0	0	0	0	2	1	10	13	5	0	0	1	1	0	0	1	0	0	3	24	1.8
Agha Jari	2	28	1	0	0	0	18	13	0	0	0	0	0	0	1	1	1	2	7	19	1	0	0	1	0	1	0	0	0	4	23	1.9
Gach Saran	8	23	0	0	0	0	19	12	0	0	0	0	1	1	0	0	4	4	20	1	1	0	0	6	2	2	1	1	0	7	21	2.5
Fort Abdullah	4	27	0	0	0	0	16	15	0	0	0	0	0	0	0	1	2	2	25	1	0	0	0	1	1	0	0	0	0	3	25	1.2
Abadan	3	27	1	0	0	0	10	21	0	0	0	0	0	0	0	2	0	8	19	2	0	0	0	1	0	1	0	0	0	4	22	1.9
Bandar Mashur	3	28	0	0	0	0	6	25	0	0	0	0	0	0	0	0	2	2	13	14	0	0	0	1	1	0	0	0	0	3	23	1.9
Kharg Island	3	28	0	0	0	0	0	18	13	0	0	0	1	0	0	0	1	1	8	20	0	1	0	4	2	1	0	1	0	7	19	2.4
Sheikh Shu'aib	0	23	8	0	0	0	0	6	25	0	0	0	0	1	1	0	0	5	6	18	0	2	0	4	0	0	3	1	0	9	13	3.6

Met. Form 8

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: January	Year: 1964
		Station: Masjid-i-Sulaiman	
Ground Level: 362 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 31°59' N.	Long: 49°16' E



IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1963

Station: Masjid-i-Sulaiman

Ground Level: 362 m. A.M.S.L. Local Time: G.M.T. + 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	3.1	2.0	0.2	6.2	81	978.5	080	5	0	20	7.6	5.4	2.3	7.3	70	979.2	–	0	2	25	1
2	1.3	0.6	-0.6	5.9	88	980.1	–	0	0	30	8.8	5.0	-0.9	5.7	50	979.7	280	4	4	30	2
3	4.0	3.3	2.2	7.2	89	978.4	–	0	8	20	8.1	5.9	3.0	7.6	70	976.7	100	6	8	15	3
4	6.2	5.5	4.5	8.5	89	974.4	290	3	7	20	10.0	8.6	7.1	10.1	82	975.0	–	0	8	40	4
5	5.0	4.6	4.0	8.2	94	973.6	–	0	0	30	12.0	9.5	6.6	9.9	70	972.7	270	2	3	30	5
6	3.8	2.4	0.1	6.2	77	975.1	–	0	0	20	10.2	6.6	1.7	6.9	55	976.8	170	4	0	30	6
7	2.2	1.8	1.2	6.7	94	980.0	–	0	0	15	10.0	7.0	3.0	7.7	62	980.8	280	5	0	15	7
8	2.6	1.8	0.5	6.3	86	979.0	–	0	0	30	11.6	7.2	1.2	6.7	49	978.2	280	5	0	20	8
9	3.7	3.0	2.0	7.1	89	977.4	–	0	3	15	13.3	9.2	4.4	8.4	55	977.3	–	0	1	15	9
10	8.2	4.4	-1.7	5.3	49	978.4	–	0	0	25	14.6	8.4	0.0	6.1	37	979.9	060	5	1	40	10
11	4.8	3.0	0.2	6.2	72	979.7	–	0	0	18	14.6	9.4	3.2	7.7	46	979.3	–	0	4	40	11
12	4.4	3.0	0.8	6.5	77	978.9	–	0	0	25	13.7	8.8	2.7	7.4	47	980.0	–	0	0	40	12
13	4.2	3.2	1.6	6.9	83	[illegible]	–	0	0	20	13.2	8.7	3.2	7.7	51	981.4	270	3	0	18	13
14	3.4	2.2	0.2	6.2	80	979.5	–	0	3	30	13.1	8.7	3.4	7.8	52	978.2	–	0	0	25	14
15	6.1	4.0	0.7	6.5	69	974.9	–	0	6	20	12.2	8.2	3.2	7.7	54	975.8	150	6	7	15	15
16	2.0	1.0	-0.7	5.8	82	978.8	–	0	0	25	11.6	7.8	3.0	7.6	56	979.1	280	3	0	20	16
17	6.0	4.0	1.0	6.6	70	980.1	–	0	5	40	15.4	10.2	4.2	8.3	47	979.5	–	0	4	30	17
18	8.2	6.2	3.6	7.9	73	972.7	–	0	7	25	14.0	9.6	4.6	8.5	53	970.3	–	0	8	40	18
19	-0.2	-2.0	-9.9	2.9	48	975.7	250	12	8	1	-0.5	-0.8	-3.8	4.7	80	976.7	290	12	4	12	19
20	-3.0	-3.3	-4.4	4.3	90	980.7	–	0	0	6	1.3	-0.2	-5.0	4.0	60	980.9	300	10	0	5	20
21	-3.0	-3.3	-4.9	4.3	90	982.7	–	0	0	15	4.1	1.0	-5.0	4.1	50	983.2	250	10	0	10	21
22	-2.0	-2.4	-4.3	4.5	87	981.5	–	0	0	12	6.6	2.4	-5.4	4.0	40	981.2	–	0	0	15	22
23	-2.0	-2.4	-4.3	4.5	87	979.9	–	0	0	12	6.0	2.0	-5.5	3.9	42	980.6	–	0	0	15	23
24	-1.4	-2.2	-5.6	4.1	75	979.9	–	0	0	25	7.2	3.0	-4.3	4.3	43	981.4	–	0	0	30	24
25	-0.6	-1.7	-6.1	3.9	67	979.2	–	0	0	15	8.8	3.5	-6.1	3.6	32	979.0	–	0	0	15	25
26	1.8	-0.4	-8.9	3.2	46	977.6	300	2	0	15	11.7	5.1	-6.6	3.6	26	978.2	290	2	0	15	26
27	3.0	0.2	-5.1	4.0	53	979.2	–	0	2	20	12.0	5.6	-5.1	4.0	29	980.2	310	10	0	30	27
28	2.1	0.4	-2.8	4.9	69	980.2	–	0	0	20	10.3	5.4	-2.2	5.1	41	980.8	300	8	1	25	28
29	2.0	0.6	-1.8	5.2	75	979.2	–	0	0	20	11.4	6.0	-2.3	5.1	38	981.0	270	5	0	20	29
30	3.0	1.1	-2.2	5.1	67	982.8	–	0	0	20	13.0	7.0	-1.8	5.3	35	983.8	270	6	7	40	30
31	1.4	0.6	-0.7	5.8	85	983.3	–	0	1	30	16.0	10.0	2.8	7.5	41	983.8	–	0	0	30	31
Av.	2.6	1.3	-1.3	5.7	77	978.6	–	1	2	21	10.4	6.3	0.2	6.4	50	979.0	–	3	2	24	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: Januari Year: 1964

Station: Masjid-i-Sulaiman

Ground Level: 362 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
6.3	4.8	2.7	7.4	77	979.0	300	4	3	30		9.7	2.0	-1.7	44.2	050	14	0	Fair	1
6.0	5.0	3.6	7.9	85	979.9	270	2	6	30		10.0	0.5	-2.5	43.0	300	9	0	P.Cloudy	2
6.6	5.3	3.6	7.9	81	975.1	300	2	8	20		9.8	3.1	1.4	45.8	300	12	0	Mist	3
9.8	8.9	8.0	10.7	88	974.3	-	0	3	30		12.5	5.2	5.0	41.8	050	13	0	Cloudy	4
10.6	9.0	7.3	10.1	80	973.2	-	0	7	30		14.4	3.7	1.6	48.0	270	9	0	P.Cloudy	5
7.0	5.0	2.1	7.0	70	978.1	-	0	0	30		11.4	2.5	0.6	44.0	160	7	0	Clear	6
8.4	6.2	3.3	7.8	71	979.8	300	2	0	30		13.2	1.3	-1.7	44.4	290	10	0	"	7
9.2	6.8	3.8	8.0	69	977.3	280	2	0	30		14.3	1.9	-1.3	44.9	270	8	0	"	8
10.4	7.6	4.2	8.3	66	976.9	300	2	1	40		16.3	2.4	0.1	47.4	220	9	0	Fair	9
11.4	7.5	2.3	7.3	54	979.5	320	6	1	40		16.5	5.2	1.7	47.7	050	12	0	"	10
10.8	7.4	3.0	7.6	59	978.1	-	0	1	40		16.7	3.1	0.0	51.5	220	10	0	"	11
9.3	6.5	2.8	7.5	64	980.1	-	0	0	40		15.1	3.1	-0.8	46.0	270	8	0	"	12
10.4	6.9	2.1	7.2	57	981.7	-	0	0	40		15.4	2.4	-1.1	48.7	240	15	0	Clear	13
9.6	6.1	1.1	6.6	55	976.9	-	0	0	40		16.1	2.1	-1.7	49.2	160	4	0	Fair	14
8.6	5.3	0.4	6.3	56	976.8	-	0	1	30		14.6	4.2	0.7	50.0	190	11	0	Haze	15
10.4	6.4	0.7	6.5	51	979.7	-	0	4	30		15.4	1.0	-2.6	48.2	250	9	0	Fair	16
12.4	8.4	3.5	7.8	55	977.2	-	0	0	30		17.6	4.3	2.7	54.0	230	8	0	P.Cloudy	17
14.4	9.1	2.4	7.3	44	967.6	180	16	6	3		16.0	6.6	2.9	49.0	280	36	Tr.	Th.storm	18
-1.4	-2.7	-7.6	3.3	61	978.8	-	0	0	4		14.3	-3.3	-3.1	42.0	270	19	9.9	Snow	19
0.8	-0.1	-2.8	4.9	76	980.9	260	3	0	7		3.4	-4.6	-6.1	38.0	300	15	0	Haze	20
2.4	0.0	-4.6	4.2	58	982.6	270	5	0	12		6.7	-4.1	-5.7	41.9	280	10	0	"	21
3.0	1.0	-2.7	4.9	65	980.0	-	0	0	20		8.4	-3.1	-5.5	43.0	300	7	0	"	22
4.2	1.2	-4.3	4.3	52	979.7	-	0	0	15		9.2	-3.0	-5.7	43.3	250	8	0	"	23
6.0	3.0	-2.1	5.2	55	980.0	-	0	0	30		10.8	-2.5	-5.1	44.6	150	10	0	Clear	24
7.5	3.0	-5.1	4.0	39	977.2	300	2	0	40		12.5	-2.0	-4.7	46.5	210	10	0	"	25
9.2	4.5	-3.3	4.7	40	977.4	270	2	0	30		13.4	0.6	-3.8	48.2	280	11	0	Haze	26
9.3	4.4	-3.9	4.5	38	979.8	300	4	0	40		13.5	1.2	-3.3	49.0	240	15	0	Fair	27
8.5	4.5	-1.8	5.3	48	979.0	270	2	1	25		13.2	0.3	-3.7	44.0	290	12	0	Haze	28
9.0	4.6	-2.5	5.0	44	980.8	300	5	0	40		13.2	1.0	-3.3	49.0	330	13	0	Clear	29
11.8	6.3	-2.2	5.1	37	982.6	-	0	6	40		15.3	2.0	-3.0	50.0	260	14	0	P.cloudy	30
13.1	8.0	1.1	6.6	44	981.2	270	2	7	40		17.9	1.2	-1.7	49.1	320	9	0	"	31
8.2	5.2	0.5	6.5	59	978.4	-	2	2	29										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

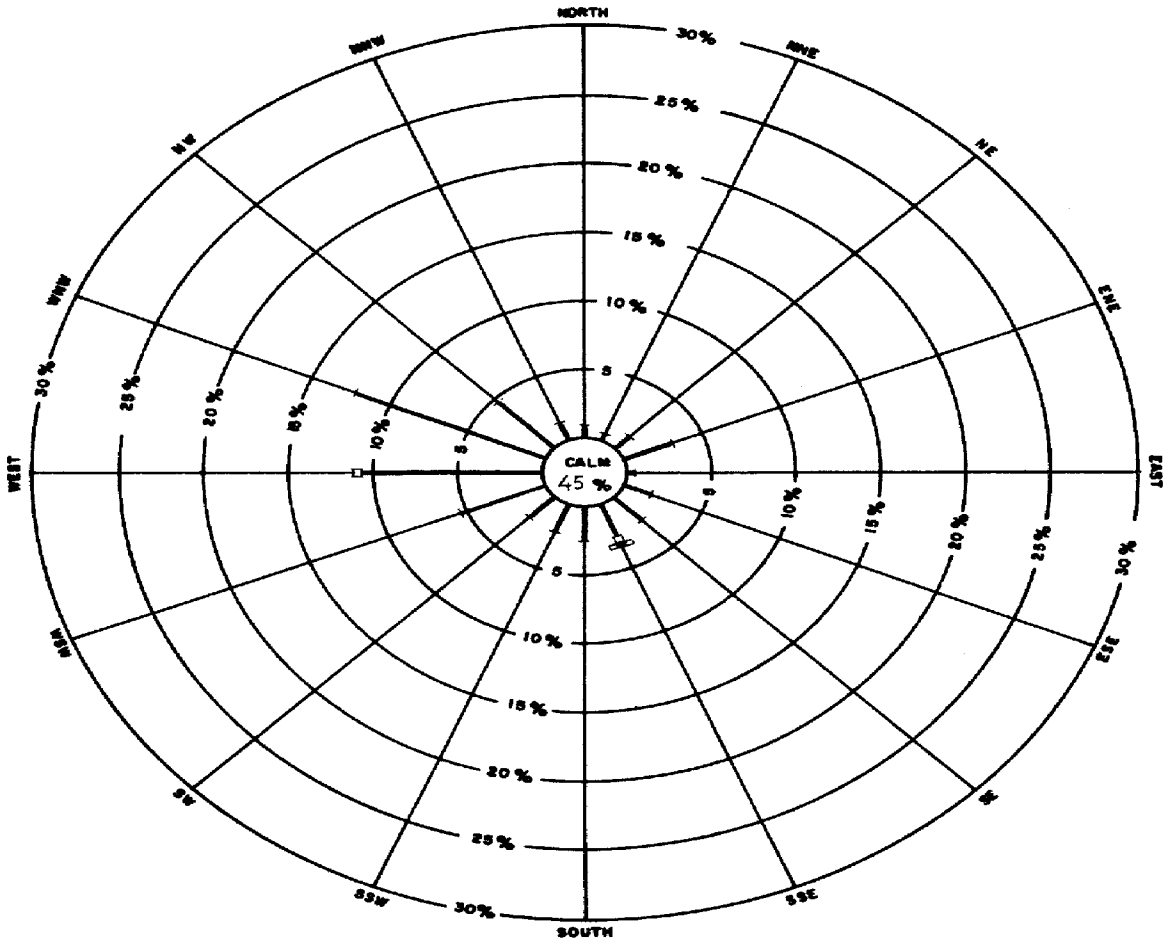
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th.storm: Thunderstorm at or near the station

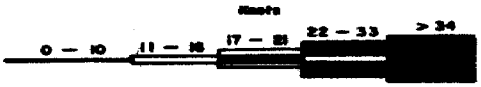
Met. Form 3b

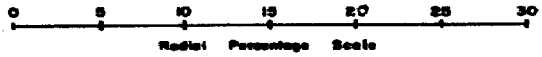
IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: January	Year: 1964
	Compiled from Wind Records Summary	Station: Masjid-i-Sulaiman	
Ground Level: 362 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 31°59' N.	Long: 49°16' E



Hours in month 744

Hours recorded 744





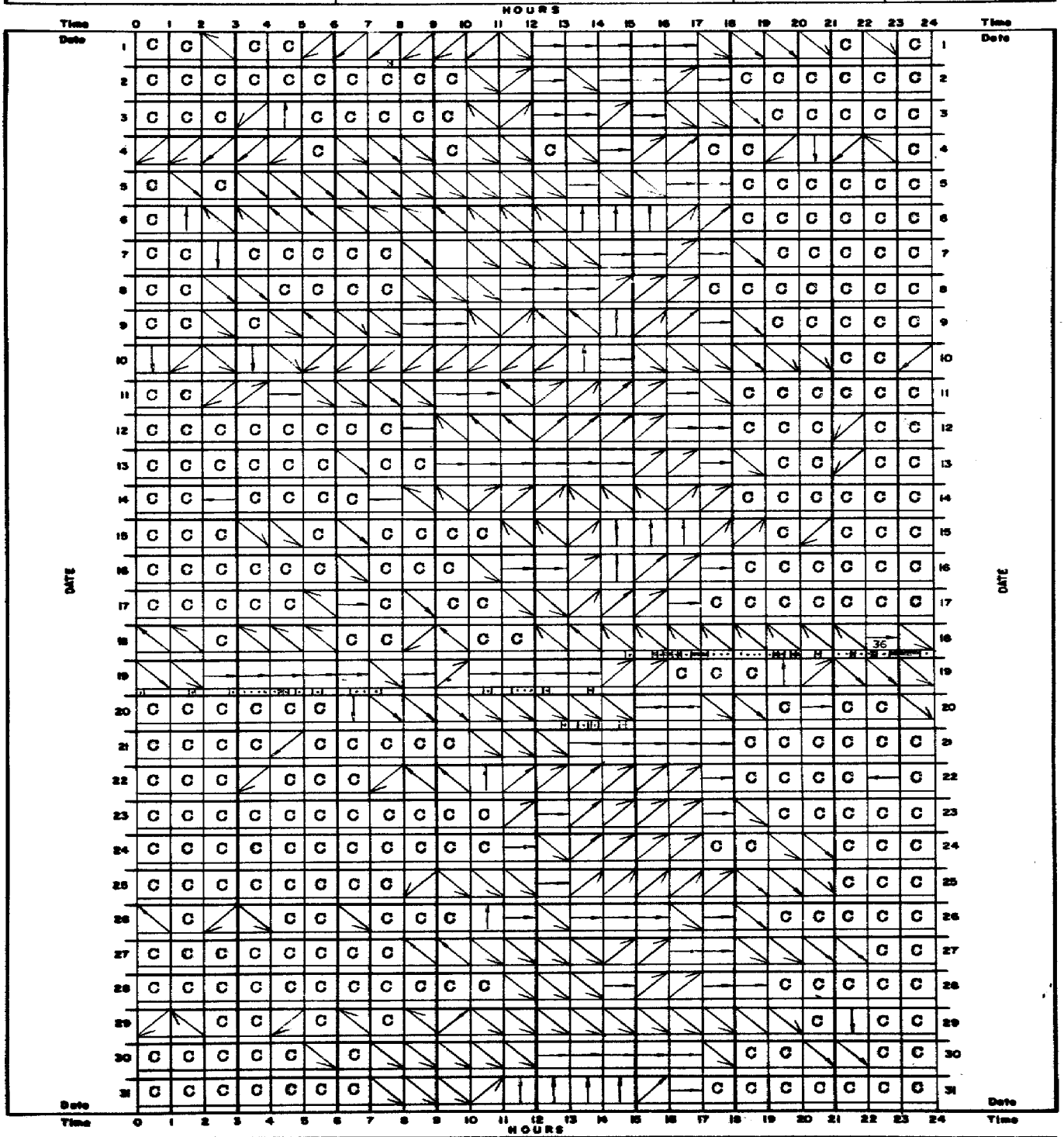
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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:

Met. Form 8

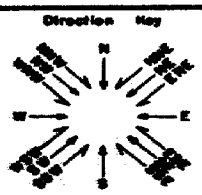
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: January	Year: 1964
	DINES ANEMOGRAPH	Station: Masjid-i-Sulaiman	
Ground Level: 362 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 31°59' N.	Long: 49°16' E



Velocity Key

C	Calm
	1 – 10 Knots
	11 – 16
	17 – 21
	22 – 33
	> 34

Direction Key



Example: From 0300 hrs. to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks:

Met Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1964

Station: Agha Jari

Ground Level: 29 m. A.M.S.L. Local Time: G.M.T. + 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	0.6	-0.1	-1.4	5.5	88	1020.0	–	0	0	20	12.8	7.3	-0.5	5.9	40	1021.3	–	0	2	40	1
2	-0.4	-1.4	-3.3	4.7	80	1022.2	–	0	0	30	11.8	6.2	-2.5	5.0	36	1022.4	320	6	1	40	2
3	7.0	4.4	0.4	6.3	63	1021.1	–	0	8	30	11.2	6.8	0.6	6.4	48	1018.7	–	0	8	30	3
4	8.1	6.4	4.1	8.2	76	1016.0	–	0	8	20	14.4	10.5	6.3	9.6	59	1016.0	–	0	3	30	4
5	7.0	5.2	2.7	7.4	73	1014.9	320	5	6	30	13.4	10.0	6.3	9.6	62	1014.3	–	0	7	30	5
6	5.8	4.3	2.1	7.1	77	1018.1	310	6	8	30	10.0	5.8	-0.6	5.8	47	1019.5	–	0	4	30	6
7	1.6	0.2	-2.2	5.1	74	1021.7	–	0	0	30	12.6	7.5	0.4	6.3	42	1022.3	330	4	0	40	7
8	0.1	-1.1	-3.4	4.6	75	1020.8	–	0	0	30	12.5	7.0	-1.0	5.7	39	1020.7	–	0	0	40	8
9	1.5	-0.3	-3.6	4.7	69	1019.1	–	0	0	30	14.8	8.5	0.0	6.1	36	1018.7	–	0	2	40	9
10	4.3	2.2	-1.2	5.5	66	1019.9	–	0	2	40	15.1	10.0	4.0	8.2	48	1021.0	320	2	3	40	10
11	2.5	0.8	-2.2	5.1	70	1020.4	–	0	2	30	17.0	9.6	0.0	6.1	31	1020.7	330	6	3	40	11
12	1.5	-0.2	-3.4	4.8	70	1020.9	–	0	1	40	16.4	9.0	-1.1	5.6	30	1021.8	320	10	2	40	12
13	-0.6	-2.2	-3.9	4.0	69	1024.7	–	0	0	30	12.4	7.7	1.3	6.8	47	1023.7	–	0	0	30	13
14	-0.6	-2.2	-5.9	4.0	69	1021.4	–	0	0	30	12.6	6.3	-3.6	4.6	31	1020.5	–	0	0	30	14
15	7.4	4.2	-0.8	5.7	55	1016.5	–	0	6	30	11.4	6.0	-2.2	5.1	38	1018.1	–	0	8	30	15
16	0.1	-1.0	-2.9	4.8	80	1020.8	–	0	0	30	14.7	8.9	1.5	6.8	41	1020.5	–	0	0	30	16
17	1.6	1.0	0.0	6.1	89	1022.1	–	0	2	30	17.2	9.4	-1.1	5.6	29	1020.9	–	0	0	40	17
18	7.5	4.5	0.0	6.1	59	1014.1	130	2	7	30	19.6	11.0	0.3	6.3	28	1011.3	160	30	8	3	18
19	4.0	2.0	-1.6	5.4	67	1016.0	360	25	8	15	3.5	3.0	2.3	7.3	93	1020.0	320	22	2	5	19
20	-4.5	-4.7	-5.6	4.0	96	1024.9	–	0	0	0.5	2.5	2.1	1.5	6.8	93	1025.3	320	4	0	2	20
21	-6.8	-7.0	-9.0	3.1	90	1025.1	–	0	0	15	6.4	1.1	-11.1	2.4	25	1026.3	320	4	0	10	21
22	-5.5	-5.7	-6.7	3.7	97	1025.0	–	0	0	10	7.7	2.0	-10.6	2.5	24	1025.1	320	6	0	30	22
23	-4.5	-5.0	-6.7	3.7	88	1022.1	–	0	0	20	8.6	3.0	-8.3	3.1	28	1023.5	–	0	0	30	23
24	-5.5	-6.3	-9.4	3.0	78	1023.3	–	0	0	30	10.2	3.8	-8.9	2.9	23	1023.9	310	4	0	30	24
25	-3.9	-4.5	-6.5	3.8	86	1021.9	–	0	0	30	11.1	4.6	-7.3	3.3	25	1021.5	–	0	0	30	25
26	-2.3	-3.4	-4.5	4.2	86	1020.1	–	0	0	30	12.7	5.6	-6.7	3.5	24	1020.5	320	6	0	30	26
27	0.0	-2.5	-8.6	3.2	52	1021.5	360	5	0	20	14.2	6.4	-7.1	3.4	21	1022.7	320	12	0	20	27
28	-1.0	-2.5	-6.1	3.9	68	1023.3	–	0	0	20	10.0	5.7	-0.6	5.8	47	1023.1	–	0	0	20	28
29	-1.1	-2.0	-3.9	4.5	83	1021.7	–	0	0	20	13.2	6.8	-3.1	4.8	32	1022.9	320	2	0	20	29
30	0.4	-1.7	-6.4	3.8	60	1024.3	–	0	0	30	14.1	7.2	-3.3	4.7	29	1026.0	310	8	6	30	30
31	-0.6	-3.0	-9.3	3.1	54	1025.0	–	0	0	20	14.6	7.4	-3.6	4.6	28	1025.0	320	4	0	30	31
Av.	0.8	-0.7	-3.6	4.8	74	1020.9	–	1	2	26	11.7	6.7	-2.3	5.5	39	1021.2	–	4	2	29	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: January Year: 1964

Station: Agha Jari

Ground Level: 29 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
9.4	5.2	-1.4	5.5	47	1020.8	340	7	0	40		13.4	0.4	-3.1	51.2	340	18	0	Fair	1
9.9	5.5	1.2	5.5	46	1021.3	320	4	3	40		13.1	-1.7	-3.1	54.4	350	26	0	"	2
9.7	6.5	2.2	7.2	60	1017.7	330	2	8	30		17.0	6.3	5.8	32.2			0	O-cast	3
12.2	9.0	5.3	9.0	63	1015.4	320	6	7	40		16.0	6.1	5.5	52.2	350	15	0	Cloudy	4
12.2	9.0	5.3	9.0	63	1014.8	-	0	2	40		15.3	6.2	5.0	16.2			0	"	5
9.7	6.0	0.6	6.4	53	1020.0	-	0	0	40		12.5	5.0	2.6	20.1	310	11	1.3	Rain	6
11.0	6.0	-1.6	5.4	41	1021.2	320	6	0	40		15.0	-0.6	-2.4	51.0			0	Clear	7
11.6	6.5	-1.1	5.6	41	1018.8	-	0	0	40		15.6	-0.5	-3.1	50.3	330	10	0	"	8
13.5	8.4	1.7	7.0	45	1017.8	-	0	3	40		17.5	0.6	-2.6	53.2			0	Fair	9
13.4	8.2	1.3	6.8	44	1020.2	320	5	3	40		18.1	2.8	2.1	59.4	340	18	0	P.Cloudy	10
13.8	8.5	1.7	6.9	44	1019.2	-	0	2	60		18.2	0.8	-2.4	57.1	350	16	0	"	11
12.7	6.5	-3.3	4.7	32	1021.6	320	6	1	40		17.2	0.6	-2.1	54.4	290	16	0	Fair	12
12.8	7.5	0.1	6.2	42	1023.1	320	5	0	30		16.6	-1.7	-2.8	51.7	320	17	0	Clear	13
12.0	5.5	-5.6	3.8	27	1018.3	-	0	3	40		16.2	-1.7	-3.5	52.8	360	10	0	Fair	14
10.0	7.2	3.8	8.0	65	1018.6	-	0	7	30		12.0	6.2	4.5	40.6	160	11	Tr.	Rain	15
12.4	6.8	-1.7	5.4	38	1021.4	300	2	2	40		17.0	-0.5	-2.7	52.8	320	11	0	Fair	16
14.4	8.5	0.6	6.4	39	1019.7	-	0	0	40		19.2	0.4	-1.1	54.4			0	Clear	17
16.5	9.4	0.0	6.1	33	1009.3	140	15	7	30		20.4	5.6	2.1	54.6	170	38	0	Haze	18
1.8	0.4	-2.2	5.2	75	1022.0	330	15	0	2		16.5	0.6	-0.9	7.2	340	41	Tr.	Rain	19
3.0	-0.9	-9.9	2.9	38	1024.5	320	7	0	6		5.3	-5.6	-6.5	7.2	340	23	0	Fog	20
5.4	0.5	-11.1	2.4	27	1025.6	310	4	0	30		9.6	-7.8	-9.4	49.0	350	16	0	Mist	21
6.5	1.8	-7.8	3.2	33	1023.1	310	2	0	30		10.0	-6.6	-9.5	50.6	320	13	0	Haze	22
6.5	1.7	-8.2	3.1	33	1022.4	-	0	0	30		10.6	-6.1	-9.4	50.6	320	14	0	Clear	23
8.2	2.5	-9.4	2.8	26	1022.1	320	4	0	30		13.0	-6.1	-10.6	49.7	350	17	0	"	24
9.7	3.5	-8.9	2.9	24	1018.4	-	0	0	30		14.2	-4.4	-5.9	51.1			0	"	25
11.2	4.7	-7.2	3.4	26	1019.2	330	10	0	40		15.8	-4.1	-4.8	51.7	340	19	0	Fair	26
11.5	6.0	-2.6	5.0	37	1021.4	320	12	0	20		15.5	-1.1	-4.0	51.1	350	22	0	Clear	27
10.1	4.6	-4.7	4.2	34	1020.8	290	2	2	30		14.0	-1.6	-4.5	50.0			0	Fair	28
12.5	6.0	-4.6	4.2	29	1021.8	320	10	1	40		16.1	-2.2	-4.2	54.4	330	23	0	"	29
12.3	6.0	-4.0	4.4	31	1024.6	290	11	2	40		16.7	-1.6	-3.4	52.9	350	8	0	P.Cloudy	30
13.2	7.1	-1.9	5.3	35	1022.7	320	2	2	30		18.0	-2.3	-3.4	53.9			0	Fair	31
10.6	5.7	-2.3	5.3	41	1020.2	-	4	2	34										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

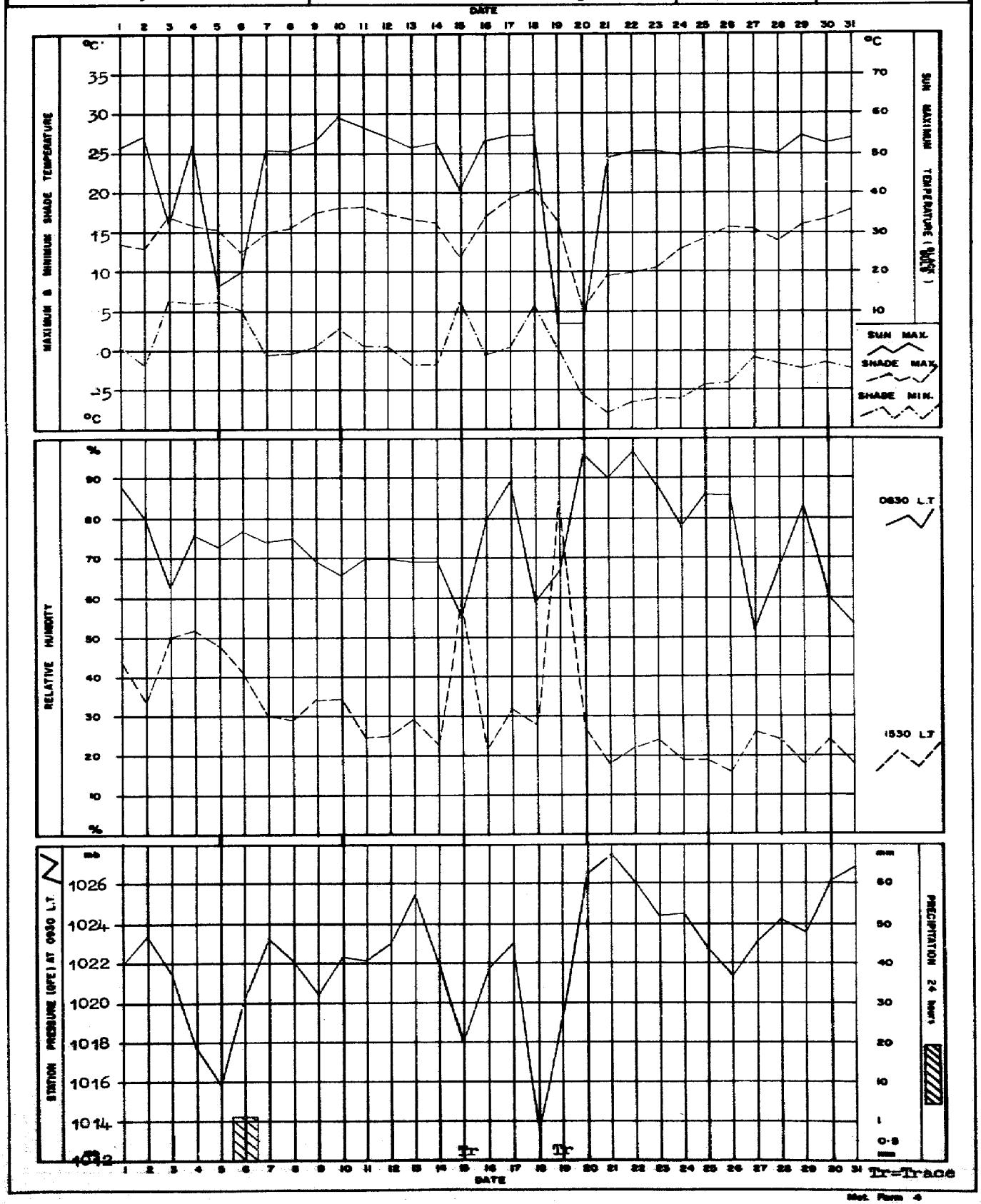
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th. storm: Thunderstorm at or near the station

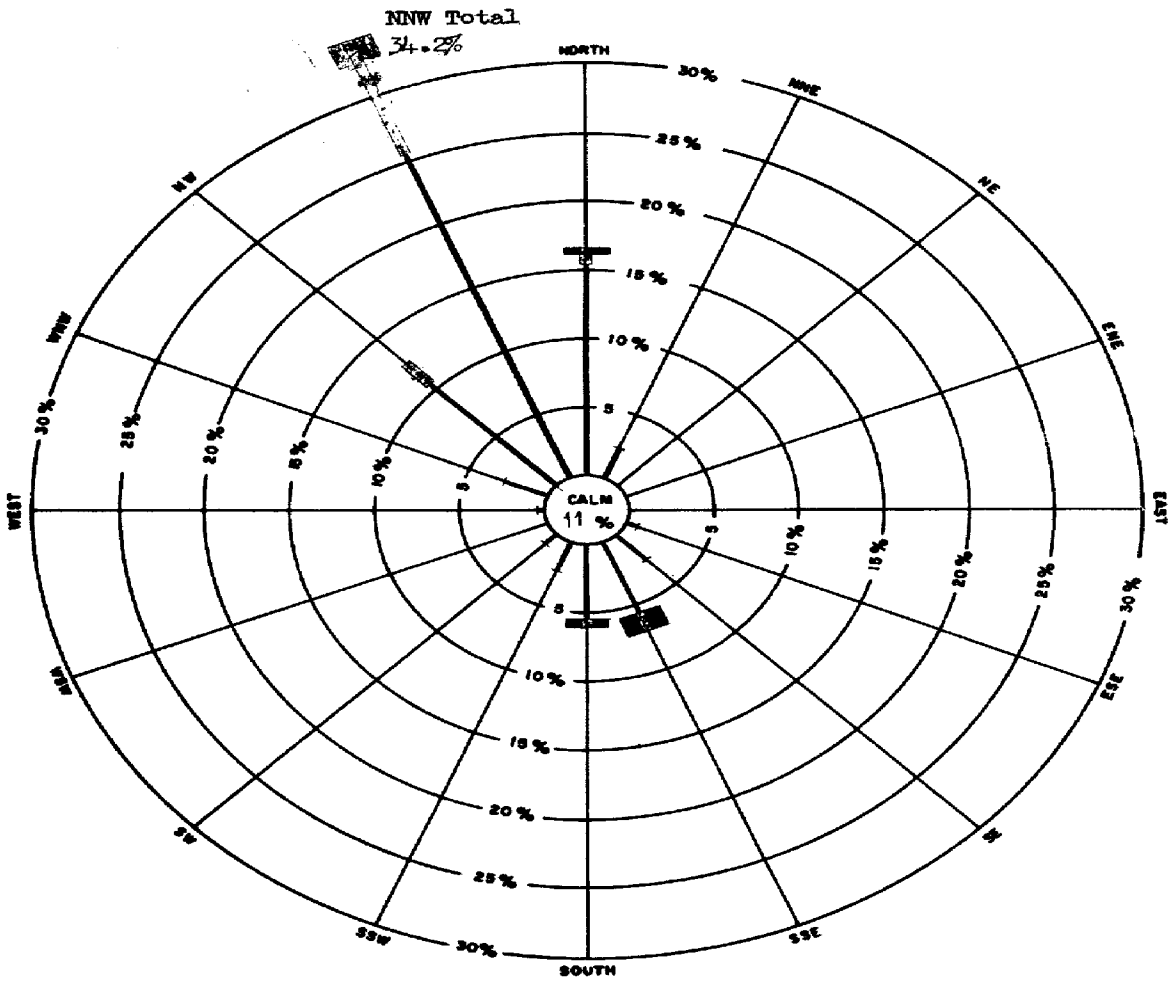
Met. Form 3a

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: January	Year: 1964
		Station: Agha Jari	
Ground Level: 29 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°44' N.	Long: 49°40' E



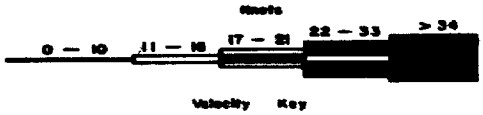
Met. Form 4

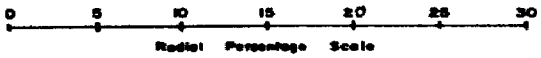
IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: January	Year: 1964
	Compiled from Wind Records Summary	Station: Agha Jari	
Ground Level: 29 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°44' N.	Long: 49°40' E



Hours in month 744

Hours recorded 676





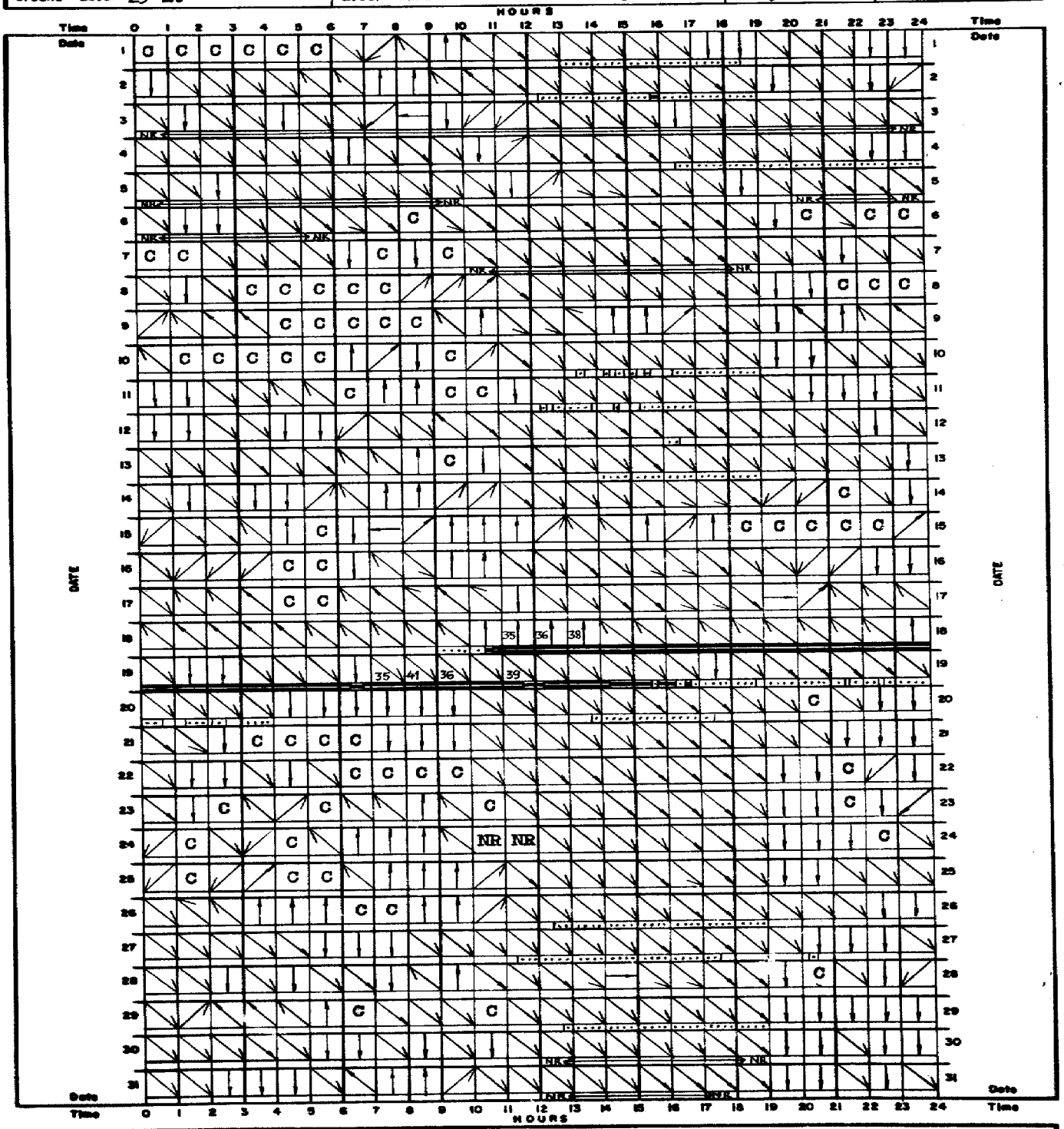
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 directions NW, NNW, and No constitute together 63.3% of all directions.

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: January	Year: 1964
	DINES ANEMOGRAPH	Station: Agha Jari	
Ground Level: 29 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°44' N.	Long: 49°40' E



Velocity Key		Direction Key
C	Calm	N, NE, E, SE, S, SW, W, NW
	1 – 10 Knots	
	11 – 16	
	17 – 21	
	22 – 33	
	> 34	

Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks: Wind speed uncertain but most probably above 22 kts during the period 18th 1400 – 19th 0200.

Met Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1964

Station: Gach Saran

Ground Level: 709 m. A.M.S.L. Local Time: G.M.T. + 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	-0.6	-0.7	-1.1	5.6	98	935.1	–	0	0	20	6.7	3.2	-2.7	4.9	50	936.4	260	7	3	20	1
2	-1.6	-1.8	-2.2	5.1	96	937.0	–	0	0	15	8.1	4.0	-2.8	4.9	45	937.0	270	5	1	30	2
3	5.3	3.6	1.1	6.6	74	936.4	–	0	8	15	7.1	5.4	3.0	7.6	75	934.5	140	12	8	30	3
4	5.9	5.2	4.3	8.3	89	932.4	140	10	8	15	8.5	6.6	4.2	8.2	74	932.8	110	8	7	20	4
5	5.0	4.8	4.6	8.5	97	931.6	–	0	7	14	9.4	7.6	5.4	9.0	76	931.5	100	6	8	20	5
6	2.0	1.8	1.5	6.8	97	932.6	–	0	8	5	5.0	4.6	4.1	8.2	94	934.6	–	0	8	5	6
7	1.0	1.0	1.0	6.6	100	937.2	–	0	X	0.0	9.6	7.0	3.7	7.9	66	937.2	–	0	1	30	7
8	0.8	0.6	0.2	6.2	96	936.8	–	0	0	15	11.8	7.5	1.8	6.9	50	936.2	120	6	1	30	8
9	2.8	2.5	2.1	7.1	95	935.6	–	0	3	20	12.1	7.2	0.4	6.3	45	935.1	130	12	2	30	9
10	3.6	2.9	1.8	7.0	89	936.4	–	0	4	30	13.1	7.7	0.2	6.2	41	937.2	140	10	6	30	10
11	1.8	1.5	1.1	6.6	95	936.9	–	0	1	20	13.0	8.3	2.2	7.2	48	937.5	–	0	5	30	11
12	2.5	2.2	1.8	7.0	95	936.7	–	0	2	15	12.5	8.0	2.1	7.1	49	937.4	–	0	5	30	12
13	-0.6	-0.9	-1.3	5.5	95	939.5	–	0	0	30	11.6	6.9	0.2	6.2	46	939.3	–	0	0	30	13
14	-0.9	-1.1	-1.6	5.5	97	937.5	–	0	0	20	15.0	7.2	-5.2	4.0	24	936.0	150	10	0	30	14
15	5.8	4.0	1.3	6.8	74	933.0	120	6	7	15	7.5	6.2	4.6	8.5	82	934.0	–	0	8	6	15
16	2.8	2.5	2.1	7.1	95	936.3	–	0	1	20	10.5	7.5	3.8	8.0	63	937.0	–	0	2	40	16
17	0.8	0.6	0.2	6.2	96	938.0	–	0	1	20	12.5	8.0	2.1	7.1	49	938.0	–	0	0	40	17
18	6.6	4.4	1.1	6.6	68	933.3	090	7	4	20	11.5	6.9	0.3	6.3	46	931.5	090	10	8	30	18
19	4.2	3.5	2.4	7.3	89	927.8	270	18	8	5	-2.0	-2.3	-2.9	4.9	95	931.2	270	28	6	4	19
20	-6.7	-7.0	-8.4	3.3	95	936.0	–	0	0	6	-0.2	-1.6	-4.8	4.3	72	936.4	270	8	0	10	20
21	-5.6	-6.1	-8.2	3.4	90	938.4	–	0	0	15	4.5	0.3	-8.9	2.9	34	939.6	–	0	0	14	21
22	-3.5	-4.0	-5.6	4.1	90	938.7	–	0	0	20	7.3	2.2	-8.2	3.1	30	938.2	160	2	0	20	22
23	-3.3	-3.7	-5.0	4.3	93	936.6	–	0	0	20	6.0	2.5	-3.7	4.5	48	937.1	–	0	1	15	23
24	-3.6	-4.0	-5.5	4.1	91	937.3	–	0	0	20	8.1	3.0	-6.7	3.5	32	938.3	120	5	0	30	24
25	-3.4	-3.8	-5.1	4.2	92	936.6	–	0	0	20	10.0	3.6	-9.3	2.8	23	936.1	160	8	0	30	25
26	-4.2	-4.7	-6.5	3.8	89	935.3	–	0	0	20	10.0	4.5	-4.9	4.1	33	935.6	–	0	0	30	26
27	-2.8	-3.1	-3.7	4.7	97	936.5	–	0	0	20	10.6	4.0	-8.9	2.9	23	937.4	280	12	0	30	27
28	-3.0	-3.7	-5.6	4.1	87	937.8	–	0	0	20	9.7	4.4	-4.8	4.1	34	937.9	–	0	0	20	28
29	-3.0	-3.4	-4.3	4.3	91	936.7	–	0	0	20	9.4	4.1	-5.2	4.0	34	937.4	290	10	0	20	29
30	-3.0	-3.7	-5.6	4.1	87	939.6	–	0	0	20	10.6	5.0	-4.4	4.3	34	940.9	200	5	4	20	30
31	-2.4	-3.0	-4.3	4.4	88	941.4	–	0	0	20	15.0	6.5	-8.9	2.9	17	941.9	140	6	0	30	31
Av.	0.1	-0.5	-1.5	5.7	91	936.2	–	1	2	17	9.2	5.0	-1.7	5.6	49	936.5	–	6	3	24	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 3c

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1964

Station: Gach Saran

Ground Level: 709 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
3.8	1.1	-3.8	4.5	56	935.9	270	7	0	30		8.1	-1.4	-3.0	41.0			0	Fair	1
4.8	2.9	0.0	6.1	71	936.3	260	3	0	20		9.0	-2.3	-3.5	41.0			0	Clear	2
6.4	6.0	5.4	9.0	94	933.6	100	6	8	10		9.0	2.5	1.1	20.0			3.5	Rain	3
8.2	7.5	6.7	9.8	90	932.3	-	0	7	20		10.2	5.0	4.6	36.2			12.2	"	4
8.0	7.4	6.7	9.8	92	931.3	-	0	5	20		10.3	4.3	4.1	24.0			0	Cloudy	5
5.0	4.3	3.3	7.8	90	935.4	270	5	1	12		8.6	1.3	2.2	23.0			3.0	Rain	6
7.5	6.4	5.0	8.7	84	937.1	270	5	1	20		12.6	-1.2	-1.5	42.0			0	Fog	7
8.6	7.2	5.6	9.1	81	935.5	250	5	1	30		13.4	-0.5	-1.6	43.8			0	Fair	8
8.2	6.5	4.3	8.3	76	935.1	-	0	6	30		13.0	0.9	-0.8	43.9			0	P.Cloudy	9
9.4	6.9	3.7	7.9	67	936.9	-	0	5	30		14.4	2.3	1.2	50.7			0	Cloudy	10
9.4	6.7	3.2	7.7	65	936.1	-	0	3	30		14.9	0.0	-1.5	47.8			0	P.Cloudy	11
8.4	5.0	-0.2	6.0	54	937.5	270	8	0	30		14.1	1.3	-0.1	47.0			0	Fair	12
7.9	4.4	-1.1	5.6	52	939.3	260	6	0	30		14.4	-1.4	-2.8	44.7			0	Clear	13
9.0	5.0	-1.3	5.5	48	935.3	170	6	1	30		15.9	-1.5	-3.0	47.1			0	"	14
5.9	5.0	3.8	8.0	86	934.6	150	5	8	10		10.0	5.0	4.3	15.8			7.0	Rain	15
8.0	6.4	4.4	8.4	79	937.5	270	5	1	40		12.0	1.0	0.0	43.0			0	Fair	16
9.6	8.0	6.1	9.5	80	936.2	-	0	0	40		14.2	0.0	-1.1	43.4			0	Clear	17
7.8	6.4	4.6	8.5	80	930.0	130	5	8	30		12.6	3.9	2.2	46.0			0.9	Rain	18
-4.0	-4.5	-6.1	3.9	89	933.3	270	18	1	7		10.9	-4.3	-0.6	38.0			0.4	Snow	19
-1.4	-1.8	-2.7	5.0	92	937.1	260	6	0	10		2.9	-7.6	-9.0	36.2			0	Haze	20
2.4	0.2	-3.9	4.4	61	939.4	270	4	0	20		8.0	-6.5	-7.8	40.0			0	"	21
2.9	1.0	-2.3	5.1	68	937.4	270	6	0	20		9.0	-4.9	-6.5	42.5			0	Clear	22
2.7	-0.2	-6.0	3.9	53	937.1	270	3	0	20		8.4	-4.5	-6.3	42.0			0	"	23
4.6	1.9	-2.7	4.9	58	937.3	-	0	0	30		10.0	-4.5	-6.7	43.0			0	"	24
6.0	2.8	-2.7	4.9	52	934.2	-	0	0	50		11.6	-4.5	-6.0	44.0			0	"	25
6.6	1.8	-7.9	3.1	32	935.2	270	6	0	30		12.7	-4.8	-6.8	45.6			0	"	26
6.8	2.3	-6.3	3.6	36	936.9	270	10	0	30		11.8	-4.1	-5.6	44.8			0	"	27
6.4	3.0	-2.7	4.9	51	935.8	260	5	5	16		12.3	-4.3	-5.9	44.8			0	Fair	28
7.0	2.5	-6.1	3.7	37	937.6	240	8	3	20		11.1	-3.8	-5.1	43.5			0	"	29
7.5	3.6	-2.9	4.8	46	940.5	-	0	3	20		12.7	-4.3	-5.8	46.0			0	"	30
11.4	5.0	-6.3	3.6	27	939.6	-	0	3	30		17.2	-3.2	-5.0	48.0			0	"	31
6.0	3.9	-0.1	6.3	65	936.0	-	4	2	25										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

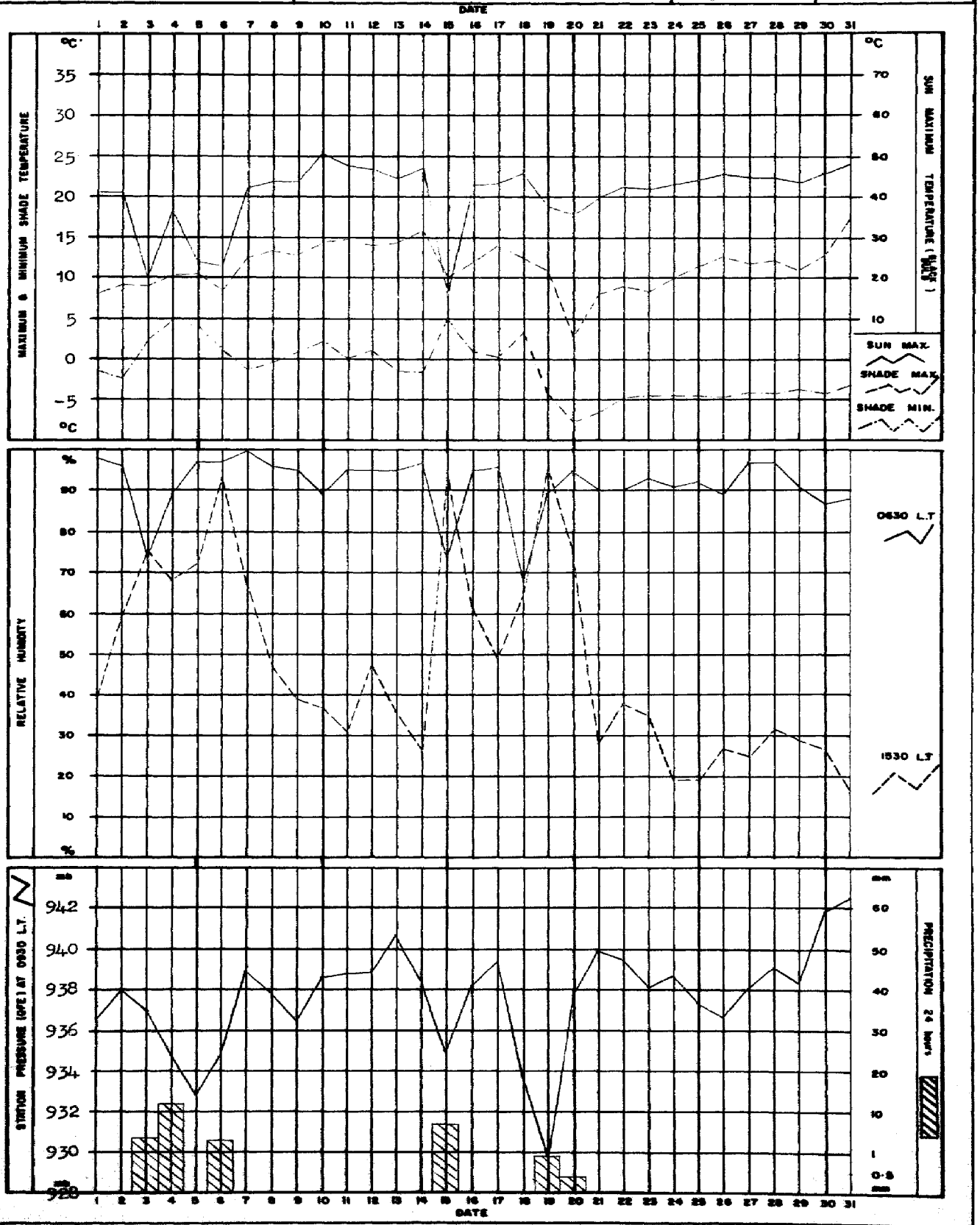
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th. storm: Thunderstorm at or near the station

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: January	Year: 1964
		Station: Gach Saran	
Ground Level: 709 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°20' N.	Long: 50°50' E



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1963

Station: Kut Abdullah

Ground Level: 15 m. A.M.S.L. Local Time: G.M.T. + 3½ hrs Lat: 31°13' N Long: 48°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	1.2	0.6	-0.6	5.9	90	1021.1	020	2	0	20	10.0	6.5	1.1	6.9	56	1022.7	350	4	1	25	1
2	1.0	0.2	-1.1	5.6	85	1023.0	320	5	0	20	10.0	6.0	0.1	6.2	50	1023.0	300	4	1	25	2
3	3.0*		0.6*	6.4*	85*	1021.9*					6.3*		0.7*	6.5*	68*	1020.6*					3
4	4.4	3.4	2.0	7.1	84	1017.1	–	0	6	20	9.3	7.3	4.8	8.7	73	1017.3	–	0	8	25	4
5	1.4	0.2	-1.9	5.2	77	1016.3	310	6	1	25	12.9	9.0	4.4	8.3	57	1014.9	330	6	1	30	5
6	6.2	3.4	-1.1	5.6	59	1018.3	300	10	7	20	9.7	5.2	-1.9	5.2	43	1020.1	290	6	0	35	6
7	0.7	-0.4	-2.3	5.2	81	1023.0	–	0	0	25	11.4	6.0	-2.4	5.0	36	1023.2	310	10	0	30	7
8	-0.7	-1.6	-3.4	4.7	82	1021.9	310	4	0	25	11.3	6.7	-0.7	5.8	42	1021.2	300	2	0	30	8
9	1.0	-0.1	-2.1	5.2	79	1020.2	–	0	0	25	13.0	7.7	0.4	6.3	42	1019.8	–	0	0	30	9
10	2.6*		-0.7*	5.8*	79	1021.4*					12.7*		1.0*	6.6*	45*	1022.6*					10
11	2.8	1.2	-1.7	5.3	74	1021.0	340	6	0	25	14.2	7.6	-2.2	5.2	31	1021.9	330	8	2	30	11
12	1.8	0.6	-1.7	5.3	78	1022.0	320	2	0	25	13.7	7.2	-2.6	5.0	31	1023.0	310	12	0	35	12
13	2.2	0.5	-2.8	5.0	70	1025.1	310	10	0	20	12.8	7.8	1.1	6.6	44	1024.6	300	5	0	35	13
14	-0.7	-1.6	-3.4	4.7	82	1022.0	–	0	0	25	12.3	6.7	-1.7	5.4	38	1020.9	300	6	0	35	14
15	3.2	1.4	-1.8	5.3	70	1017.0	010	5	1	20	11.4	6.2	-1.7	5.4	40	1018.2	300	4	7	20	15
16	-1.2	-1.7	-2.8	5.0	90	1021.3	–	0	0	25	13.3	9.2	4.4	8.4	55	1021.6	–	0	0	30	16
17	2.5*		0.1*	6.2*	85*	1022.0*					15.0*		0.7*	6.3*	38*	1021.5*					17
18	6.7	5.0	2.6	7.4	75	1014.1	100	6	4	25	17.7	12.8	8.7	10.9	54	1011.1	150	20	5	5	18
19	2.2	1.8	1.2	6.7	92	1017.3	300	29	8	10	2.5	0.7	-2.5	5.0	68	1021.2	300	28	0	6	19
20	-5.2	-5.8	-7.3	3.3	83	1025.7	290	12	0	8	2.6	0.2	-4.4	4.3	59	1025.6	330	10	0	8	20
21	-6.3	-6.8	-9.3	3.1	86	1026.7	290	8	0	8	4.4	0.3	-9.3	3.0	35	1027.7	310	6	0	30	21
22	-4.8	-5.5	-7.9	3.1	83	1025.7	290	5	0	25	6.6	2.3	-5.7	3.8	39	1025.6	310	12	0	30	22
23	-5.5	-6.0	-7.9	3.4	88	1023.3	280	4	0	20	8.2	3.1	-6.6	3.5	31	1023.7	310	10	0	20	23
24	-2.8*		-4.6*	4.2*	86*	1022.7*					8.9*		-8.7*	3.0*	26*	1022.5*					24
25	-3.0	-4.0	-6.2	3.7	77	1022.5	310	2	1	20	9.7	3.2	-10.8	2.5	20	1022.1	300	2	0	10	25
26	-1.6	-3.3	-7.0	3.4	63	1020.7	310	4	0	20	13.1	5.4	-9.4	2.8	20	1021.2	300	14	0	20	26
27	0.7	-1.3	-5.1	4.0	63	1022.3	290	10	1	20	11.8	6.7	-0.8	5.8	42	1023.5	300	15	0	20	27
28	-1.4	-2.4	-4.4	4.3	79	1023.8	280	8	0	20	9.6	5.1	-2.2	5.2	45	1023.6	010	2	0	20	28
29	-1.0	-2.0	-3.8	4.5	79	1022.3	–	0	0	20	12.7	6.3	-4.0	4.4	30	1023.9	320	15	0	30	29
30	0.9	-1.3	-5.4	3.9	60	1025.7	320	14	0	25	12.8	6.2	4.5	4.3	30	1026.9	320	18	2	20	30
31	-1.2*		-5.8*	4.0*	72*	1025.9*					11.1*		-4.6*	4.2*	32*	1026.1*					31
Av.	0.3	-1.0	-3.1	4.9	79	1021.7	–	6	1	21	11.0	5.8	-1.6	5.5	43	1022.0	–	8	1	24	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 3c

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1963

Station: Kut Abdullah

Ground Level: 15 m. A.M.S.L. Local Time: G.M.T. + 3½ hrs Lat: 31°13' N Long: 48°40' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830-1830)	Remarks	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		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		
7.5	5.7	3.3	7.7	75	1021.8	–	0	1	35		12.5	0.0	-2.3				0	Fair	1
8.4	6.0	2.8	7.5	68	1022.0	–	0	3	20		11.6	0.3	-2.6				0	"	2
7.0	5.0	2.2	7.3	71	1018.7	350	4	5	20		9.3	2.5	1.3				0	Cloudy	3
9.5	6.8	3.2	7.8	66	1016.8	300	4	4	20		12.2	2.3	0.2				0	"	4
11.2	5.7	-3.1	4.8	35	1015.8	310	18	7	15		15.7	0.7	0.0				0	P.Cloudy	5
9.5	5.7	0.0	6.1	51	1020.8	–	0	0	30		13.5	5.0	4.5				0	Fair	6
9.2	4.8	-2.2	5.1	43	1022.2	–	0	0	30		13.8	0.2	-2.5				0	Clear	7
11.5	6.4	-1.1	5.6	41	1019.7	–	0	0	30		14.6	-1.0	-2.6				0	"	8
10.8	7.2	2.4	7.3	56	1019.0	–	0	1	25		16.7	-1.3	-3.8				0	"	9
12.1	7.5	1.1	6.8	48	1021.4	–	0	1	25		17.2	1.3	-1.0				0	Fair	10
12.5	7.0	-1.1	5.6	38	1020.5	–	0	1	35		17.6	1.9	0.0				0	"	11
11.5	6.0	-2.8	5.0	38	1023.1	300	6	0	30		15.8	1.2	-0.7				0	Clear	12
10.0	5.3	-2.2	5.1	42	1024.1	320	4	0	35		16.6	0.9	-0.4				0	"	13
10.0	5.2	-2.5	5.0	41	1019.0	–	0	1	30		15.0	-3.0	-5.4				0	"	14
11.5	6.0	-2.6	5.0	37	1018.7	–	0	0	30		15.3	2.4	0.5				0	P.Cloudy	15
12.7	8.0	1.8	7.0	47	1021.5	–	0	0	30		17.2	-1.8	-4.2				0	Clear	16
13.0	8.6	3.2	7.7	51	1018.8	100	9	0	30		18.7	1.1	0.0				0	"	17
15.0	11.8	8.7	11.2	65	1008.7	150	15	5	15		19.3	4.0	3.1				0	Haze	18
0.7	-1.3	-5.6	4.1	62	1023.3	310	15	0	5		15.8	-0.3	-1.0				0.8	Rainsh.	19
2.8	-0.2	-6.2	3.8	51	1025.3	300	6	0	10		6.3	-5.7	-6.5				0	Haze	20
5.3	0.7	-9.4	2.8	32	1026.3	310	8	0	20		8.4	-6.5	-8.3				0	"	21
6.0	1.7	-6.7	3.5	36	1023.6	320	2	0	25		9.0	-5.4	-7.7				0	Clear	22
7.0	2.0	-8.3	3.1	30	1023.0	290	5	0	20		10.8	-5.9	-8.3				0	"	23
8.0	2.7	-7.8	3.2	29	1022.6	320	4	0	25		11.4	-5.2	-8.2				0	"	24
7.7	2.8	-6.6	3.6	34	1019.5	–	0	0	20		12.5	-4.3	-8.5				0	Haze	25
10.4	4.0	-8.3	3.1	25	1020.4	300	8	0	25		15.3	-3.7	-5.7				0	Clear	26
10.0	5.3	-2.2	5.1	42	1023.0	300	14	0	20		14.0	0.0	-2.2				0	Haze	27
10.8	5.0	-4.9	4.1	32	1021.4	020	2	1	20		14.4	-3.0	-4.8				0	Clear	28
12.0	6.2	-2.8	4.9	35	1023.3	340	4	1	30		16.2	-2.1	-4.6				0	Clear	29
10.2	4.9	3.8	4.5	35	1025.9	290	8	1	20		15.2	-0.2	-1.2				0	Fair	30
12.7	6.6	-2.8	4.9	34	1023.5	–	0	2	20		16.2	-2.2	-5.0				0	"	31
9.6	5.1	-1.8	5.4	45	1020.6	–	4	1	24										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

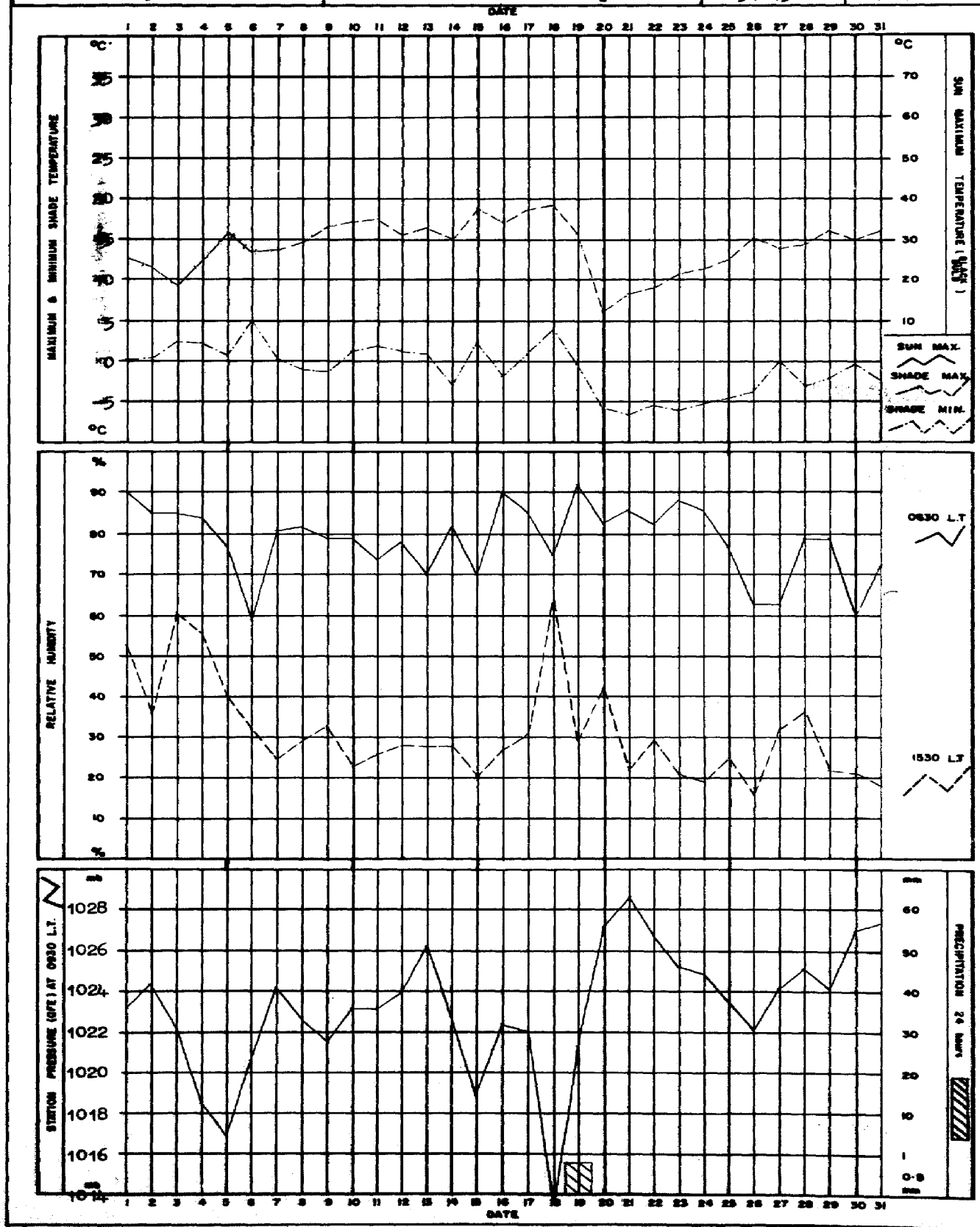
Snow: Snowfall

Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th. storm: Thunderstorm at or near the station

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: January	Year: 1964
		Station: Kut Abdullah	
Ground Level: 15 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 31°13' N.	Long: 48°20' E



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1964

Station: Abadan

Ground Level: 3 m. A.M.S.L. | Local Time: G.M.T. + 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	4.2	2.2	-1.1	5.6	68	1022.6	–	0	0	30	13.4	7.4	-1.3	5.6	36	1023.9	–	0	0	30	1
2	2.4	0.2	-3.8	4.6	62	1024.5	–	0	0	20	12.2	6.4	-2.7	5.0	35	1024.3	320	5	1	30	2
3	6.6*		1.7*	6.9*	71*	1023.1*					7.2*		-1.4*	5.5*	54*	1021.7*					3
4	6.4	3.8	-0.5	5.9	61	1018.7	130	4	8	20	11.4	6.9	0.6	6.4	48	1019.0	300	12	7	30	4
5	4.6	1.4	-4.6	4.2	50	1018.1	300	8	7	15	11.4	5.6	-3.8	4.5	33	1018.0	300	10	7	20	5
6	5.4	3.6	0.8	6.5	73	1020.2	300	10	8	20	8.8	5.6	1.0	6.6	59	1022.5	300	8	0	30	6
7	2.2	0.5	-2.6	5.0	70	1024.7	–	0	0	20	11.2	6.0	-1.9	5.3	40	1025.2	300	10	0	30	7
8	0.4	-1.6	-6.0	4.0	64	1023.6	–	0	0	20	12.4	6.4	-2.8	4.8	33	1023.1	—	0	0	30	8
9	0.5	-0.7	-3.3	4.8	76	1021.4	–	0	0	20	13.4	6.8	-3.3	4.7	31	1022.1	–	0	1	20	9
10	3.3*		-1.6*	5.4*	70	1022.6*					15.4*		-1.1*	5.6*	32*	1024.0*					10
11	5.0	2.3	-2.3	5.1	58	1023.2	–	0	3	15	16.0	8.2	-3.3	4.7	26	1023.8	300	8	3	20	11
12	5.4	2.8	-1.6	5.4	60	1024.0	310	4	1	20	14.7	7.4	-3.8	4.5	27	1024.4	310	10	0	20	12
13	1.7	0.5	-1.7	5.4	78	1027.6	–	0	0	20	13.8	6.2	-7.1	3.4	22	1026.5	310	15	0	20	13
14	0.2	-1.0	-3.3	4.9	78	1024.3	300	4	0	20	13.4	6.2	-5.9	3.8	25	1022.5	300	6	0	30	14
15	5.2	2.4	-2.3	5.0	58	1018.7	–	0	8	20	11.2	7.2	1.9	7.1	52	1020.3	–	0	7	20	15
16	1.4	0.4	-1.9	5.5	84	1022.5	–	0	0	20	17.0	9.6	0.1	6.1	31	1023.3	–	0	0	30	16
17	6.6*		3.8*	8.0*	82*	1023.6*					17.8	11.0	3.3	7.8	38	1022.9	200	5	0	30	17
18	8.2	6.8	5.0	8.8	81	1015.3	090	5	0	20	19.1	12.0	4.3	8.4	38	1011.8	170	25	8	12	18
19	3.0		-7.3*	3.6*	47*	1019.9	310	18	0	5	2.8		-14.7*	1.9*	25*	1024.2	290	18	0	3	19
20	-3.0	-4.0	-6.7	3.5	78	1028.6	270	5	0	2	4.0		-12.7*	2.4*	29*	1028.0	250	15	0	8	20
21	-3.2	-4.0	-6.4	3.8	81	1028.9	270	6	0	10	7.0	2.0	-8.3	3.1	32	1029.5	300	10	0	20	21
22	-2.6	-3.4	-5.6	4.1	84	1027.7	–	0	0	15	8.2	2.7	-8.4	3.0	28	1027.5	290	11	0	20	22
23	-2.2	-3.5	-7.1	3.7	73	1025.7	–	0	0	20	9.8	4.2	-5.9	3.8	31	1026.3	280	10	0	20	23
24					75*	1025.6*					8.8*		-11.2	2.4	21*	1026.9*					24
25	-2.8	-3.3	-4.8	4.3	89	1024.3	–	0	0	20	11.2	4.6	-7.7	3.3	25	1024.0	290	5	0	20	25
26	-0.4	-1.6	-4.1	4.5	77	1022.5	–	0	0	20	12.8	6.0	-5.5	3.9	26	1023.3	310	6	0	20	26
27	4.2	2.6	0.0	6.1	74	1024.4	320	10	0	20	11.0	6.0	-1.6	5.4	41	1026.3	300	10	0	15	27
28	0.8	-0.8	-3.9	4.7	71	1026.2	290	5	0	20	11.8	5.6	-4.7	4.2	30	1025.6	310	16	0	10	28
29	2.0	-0.2	-4.5	4.4	62	1024.1	–	0	0	20	15.6	8.0	-3.3	4.8	27	1025.6	310	8	0	30	29
30	4.2	0.6	-6.7	3.5	42	1028.2	300	12	2	20	11.1	4.5	-7.7	3.2	24	1029.5	300	13	6	20	30
31	1.8*		-5.6*	3.9*	56*	1028.6*					12.5*		-7.8*	3.2*	22*	1027.8*					31
Mt.	2.4	0.4	-2.9	5.0	69	1023.7	–	3	1	18											Mt.

* 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: January Year: 1964

Station: Abadan

Ground Level: 3 m. A.M.S.L. | Local Time: G.M.T. + 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)	Remarks	
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		Date
11.2	6.2	-1.3	5.5	42	1023.2	-	0	7	20			15.2	2.3					0	P.cloudy	1
9.2	5.2	-0.9	5.7	49	1023.7	300	5	4	30			13.6	1.0					0	Haze	2
8.8	6.5	-3.4	7.8	70	1019.8	320	6	6	10			9.8	4.9					Tr.	Rain	3
10.4	5.9	-0.9	5.7	45	1018.3	270	8	8	30			12.7	8.8					0	O-cast	4
9.0	4.2	-3.8	4.4	39	1018.4	300	12	8	20			13.8	4.5*					0	Rain	5
7.0	5.0	2.2	7.1	71	1022.9	-	0	0	30			12.1	2.5					4.0	Fair	6
9.2	5.6	0.1	6.2	53	1024.2	-	0	0	30			13.8	0.8					0	Clear	7
9.6	6.0	0.8	6.5	54	1021.2	-	0	0	30			15.0	-0.1					0	"	8
11.0	6.6	0.2	6.3	49	1021.3	-	0	2	20			16.4	0.0					0	Mist	9
12.2	7.4	0.7	6.5	46	1022.9	310	2	4	20			17.9	1.8					0	"	10
13.4	8.0	0.6	6.4	42	1022.2	-	0	1	30			14.8	3.5					0	P.Cloudy	11
13.0	6.6	-3.4	4.6	31	1024.9	310	6	0	30			17.4	4.8					0	Fair	12
11.4	5.4	-4.4	4.2	31	1025.7	320	5	0	20			15.6	1.5					0	Clear	13
12.5	7.4	0.3	6.3	43	1020.6	-	0	7	30			16.1	-0.4					0	Fair	14
10.4	7.4	3.4	7.9	63	1020.2	-	0	1	20			15.8	4.4					Tr.	Rain	15
12.5	7.5	0.6	6.4	44	1022.8	-	0	3	30			18.5	0.6					0	Fair	16
13.2	8.5	2.6	7.4	49	1020.0	200	6	0	30			20.2	4.5					0	Clear	17
14.6	10.6	6.3	9.6	58	1010.1	170	12	4	15			19.7	8.1					0	Cloudy	18
1.2*		-11.4*	2.3*	35*	1025.5	290	15	0	2			14.6	0.1					0	Haze	19
3.8*		-12.5*	2.2*	27*	1027.5	290	6	0	10			6.7	-3.7					0	"	20
6.0	1.4	-8.3	3.1	33	1028.4	300	5	0	15			9.4	-4.0					0	"	21
7.2	2.7	-5.8	3.8	37	1025.7	290	4	0	20			10.3	-3.6					0	Clear	22
8.2	3.0	-6.6	3.5	32	1024.6	270	5	0	20			11.6	-2.8					0	"	23
9.0	4.6	-2.7	4.9	43	1024.6	-	0	0	20			12.2	-3.8					0	"	24
9.0	3.0	-9.3	2.8	24	1021.1	-	0	0	20			14.4	-4.5					0	Mist	25
11.3	4.6	-9.9	2.7	19	1022.6	270	5	0	30			15.3	-2.8					0	Clear	26
9.8	5.8	-0.2	6.0	50	1025.5	300	10	0	20			13.6	2.5					0	"	27
11.0	5.0	-5.4	4.0	30	1023.0	320	5	2	20			14.7	0.4					0	Haze	28
12.4	6.8	-1.6	5.4	37	1024.8	300	5	4	20			17.2	0.8					0	Fair	29
9.7	3.3	-10.4	2.6	22	1028.1	300	8	2	20			14.7	3.0					0	P.Cloudy	30
11.7	6.3	-1.9	5.2	38	1025.3	-	0	2	30			15.6	-1.3					0	Fair	31
10.0	5.7	-2.0	5.3	42	1022.9	-	4	2	22											Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

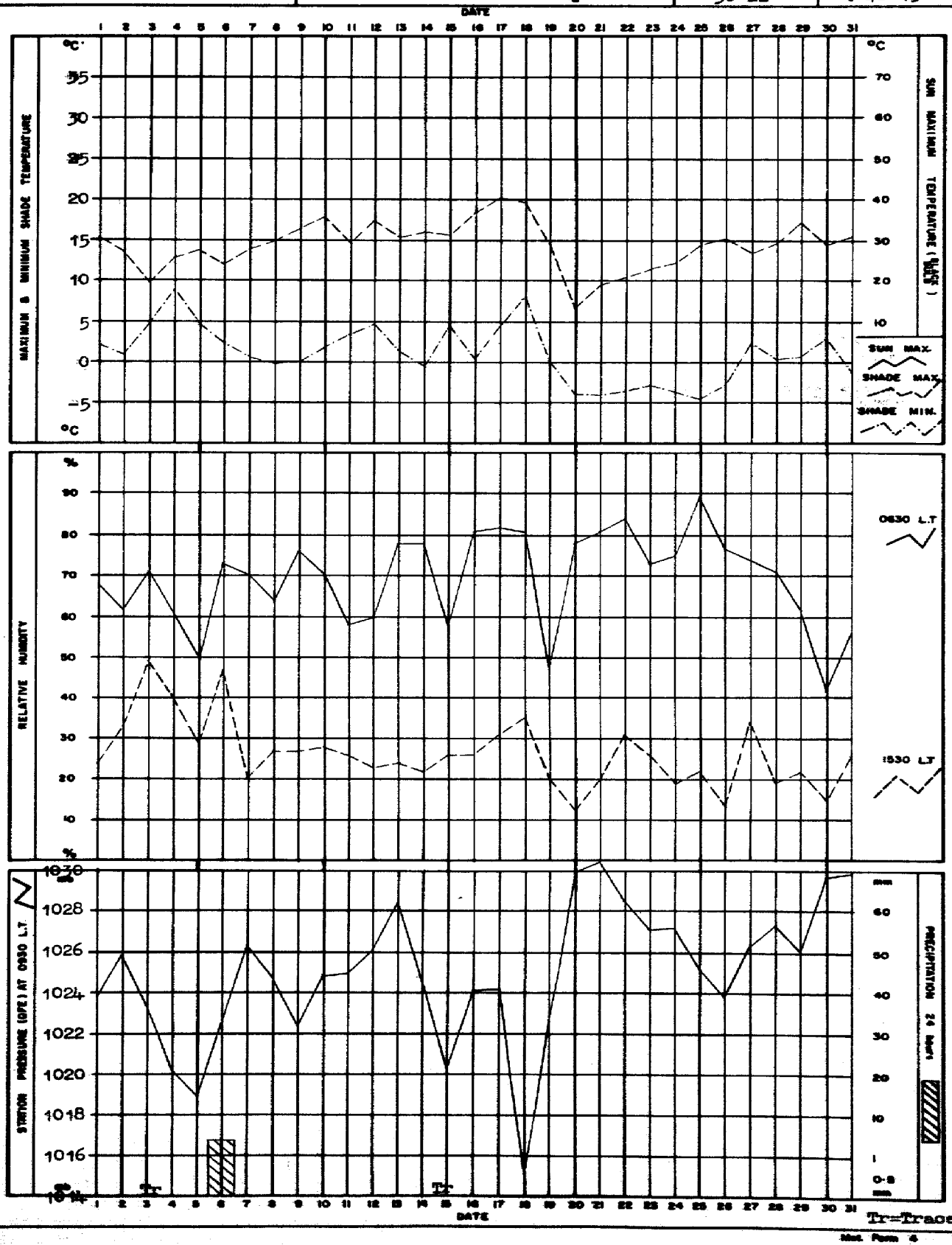
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: January	Year: 1964
		Station: Abadan	
Ground Level: 3 m. A.M.S.L	Local Time: G.M.T. + 3½ hrs	Lat: 30°22' N.	Long: 48°13' E



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1964

Station: Bandar Mashur

Ground Level: 3 m. A.M.S.L. | Local Time: G.M.T. + 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	4.4	3.7	2.6	7.4	88	1021.8	–	0	0	30	11.8	7.2	0.8	6.5	47	1023.2	350	8	2	30	1
2	3.2	2.0	0.0	6.1	80	1024.2	350	6	0	25	11.2	6.0	-1.9	5.2	39	1023.0	330	10	0	25	2
3	6.2	4.7	2.5	7.3	77	1023.1	350	4	8	20	10.2	6.5	1.2	6.7	54	1020.7	340	7	8	20	3
4	6.7	4.7	1.7	6.9	70	1018.0	350	8	8	25	12.5	7.5	0.6	6.4	44	1018.1	340	8	5	25	4
5	6.0	3.2	-1.3	5.5	59	1016.9	350	10	8	20	11.4	8.0	3.7	8.0	59	1016.3	290	5	7	20	5
6	5.6	4.4	2.7	7.4	82	1019.9	340	7	8	20	9.4	6.4	2.2	7.2	61	1021.6	320	8	4	20	6
7	3.1	1.1	-2.1	5.2	69	1024.2	320	7	0	30	11.7	6.7	-0.6	5.8	42	1024.1	350	13	0	30	7
8	2.8	1.2	-1.6	5.4	72	1022.8	310	6	0	25	12.2	6.7	-1.4	5.4	38	1022.1	340	6	0	30	8
9	3.8	2.8	1.2	6.7	84	1021.4	040	3	0	30	13.2	7.5	-0.6	5.8	38	1020.9	240	4	0	30	9
10	5.2	3.7	1.4	6.8	77	1021.9	320	6	2	30	15.2	9.8	3.3	7.8	45	1023.2	310	4	2	30	10
11	4.0	2.0	-1.4	5.4	67	1022.5	310	8	2	30	15.0	8.5	-0.1	6.1	35	1022.8	340	10	4	30	11
12	4.5	2.3	-1.4	5.5	65	1023.2	330	11	3	30	14.5	7.6	-2.6	4.9	30	1024.0	310	13	1	30	12
13	3.4	2.6	1.3	6.7	86	1026.6	290	14	0	40	13.0	8.7	3.4	7.8	52	1025.5	310	13	0	40	13
14	1.7	-0.2	-3.6	4.7	68	1023.8	320	6	0	25	12.5	6.7	-1.9	5.2	36	1022.3	320	10	0	30	14
15	7.8	4.2	-1.4	5.4	52	1018.2	350	5	8	30	10.8	6.8	1.3	6.7	52	1019.7	–	0	8	30	15
16	4.3*		2.7*	7.5*	90*	1022.8*	080*	3*			14.0	10.0	5.5	9.0	56	1022.6	–	0	0	35	16
17	8.2	7.4	6.5	9.7	89	1023.6	–	0	8	40	15.2	10.2	4.5	8.4	49	1023.2	–	0	0	40	17
18	8.6	7.5	6.2	9.5	85	1016.0	120	10	5	25	17.0	13.0	9.3	11.8	61	1012.4	170	20	7	25	18
19	3.9	1.6	-2.7	5.0	62	1018.7	350	35	8	2	2.4	-0.6	-6.8	3.7	51	1022.5	310	20	0	3	19
20	-3.3	-4.6	-8.2	3.4	73	1027.6	320	14	0	2	3.1*		-4.1*	4.4*	58*	1026.6*	310*	12*			20
21	-2.2	-3.0	-5.9	4.0	79	1028.1	320	12	0	30	5.1	4.6	-4.8	4.1	47	1028.5	360	10	0	30	21
22	-0.8	-2.7	-6.3	3.6	63	1026.9	320	7	0	30	6.8*		-4.9*	4.1*	42*	1026.8*	310*	13*			22
23	-0.8	-2.4	-4.7	4.1	71	1024.9	340	8	0	25	9.0	4.0	-4.8	4.1	36	1024.8	330	12	0	25	23
24	0.0	-2.0	-6.2	3.9	64	1024.8	320	3	0	25	8.2*		-7.9*	3.2*	29*	1025.3*	300*	11*			24
25	0.2	-1.6	-5.1	4.2	67	1023.9	320	8	0	25	10.2	5.2	-2.9	4.8	39	1023.3	320	5	0	25	25
26	1.3	-1.3	-6.8	3.7	55	1022.2	310	8	0	40	12.5	5.6	-6.5	3.5	25	1022.3	320	12	0	40	26
27	1.2	-1.2	-5.6	3.9	58	1023.3	310	10	0	30	10.7	7.4	3.3	7.8	60	1024.5	350	16	0	15	27
28	1.4	0.2	-2.0	5.2	77	1025.3	310	8	0	20	10.5	5.6	-2.0	5.2	41	1025.3	320	7	0	25	28
29	1.2	-0.3	-2.8	4.9	73	1023.7	320	4	0	30	13.2	7.4	-0.9	5.7	38	1024.7	320	11	0	30	29
30	2.1	-0.2	-4.7	4.1	58	1026.6	320	13	0	25	12.2	6.5	-2.1	5.1	36	1028.3	300	18	5	25	30
31	1.2	-0.8	-4.2	4.4	66	1027.1	300	5	0	40	12.2	6.5	-2.1	5.1	36	1027.3	320	7	0	40	31
Av.	3.1	1.3	-1.6	5.6	72	1023.0	–	8	2	27	11.2	6.8	-0.6	6.0	44	1023.1	–	9	2	27	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: January Year: 1964

Station: Bandar Mashur

Ground Level: 3 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
10.0	6.2	0.8	6.5	53	1022.5	360	5	1	3		13.4	3.5	1.9		360	16	0	Fair	1
10.5	6.2	-0.1	6.1	48	1023.0	360	4	3	25		13.2	3.0	1.8		320	18	0	"	2
8.6	6.0	2.4	7.3	65	1019.6	360	6	8	20		10.5	5.7	5.2		340	17	0	O-cast	3
11.4	8.2	4.3	8.3	62	1017.4	350	12	8	25		13.2	6.1	5.6		320	17	0	Cloudy	4
13.2	8.5	2.5	7.4	49	1017.4	330	8	7	20		15.3	5.1	5.8		310	31	0	"	5
10.3*		2.2*	7.2*	58*	1022.1*	290*	2*				13.2	5.4	4.0		290	32	0.3	Rain	6
11.3	6.3	-1.2	5.5	41	1022.9	330	10	0	30		14.5	2.1	1.6		310	19	0	Clear	7
12.0	8.5	4.3	8.3	60	1020.5	220	2	0	30		15.0	2.0	1.1		350	13	0	"	8
13.0*		6.3*	9.6*	64*	1019.7*	230*	8*				15.5	3.2	1.3		360	12	0	"	9
13.6	8.0	0.2	6.2	40	1022.0	320	6	2	30		17.3	2.5	3.7		330	18	0	Fair	10
14.0	8.0	-0.4	6.0	38	1021.4	320	7	2	30		17.4	3.2	2.6		340	20	0	P.Cloudy	11
12.5	6.7	-1.9	5.2	36	1023.8	300	10	0	30		16.0	4.4	3.7		330	25	0	Fair	12
13.2	7.3	-1.2	5.5	36	1024.9	320	4	0	40		17.2	3.0	2.1		310	19	0	Clear	13
13.2	7.6	-0.3	5.9	39	1020.3	320	3	6	30		15.7	0.9	-0.1		310	17	0	Fair	14
10.0	7.2	3.6	8.0	65	1020.1	-	0	0	30		13.2	7.0	4.9		260	13	Tr.	Rain	15
12.2	9.6	7.9	10.0	70	1022.6	-	0	1	30		15.7	3.0	1.0		260	11	0	Clear	16
14.0	10.0	5.5	9.0	56	1020.4	220	8	0	40		18.0	5.5	3.5		210	10	0	Fair	17
15.0	13.6	12.4	14.5	85	1011.0	170	10	8	14		17.2	8.6	5.7		330	41	0	Cloudy	18
1.8	-1.5	-8.8	3.2	46	1024.4	330	15	0	6		15.0	1.2	1.4		310	42	Tr.	Rain	19
4.2	0.0	-9.4	2.7	33	1026.4	340	4	0	5		5.9	-4.0	-4.5		310	26	0	Mist	20
6.0	1.6	-7.2	3.3	35	1027.4	300	5	0	20		7.8	-3.2	-3.4		340	18	0	Clear	21
7.8	3.3	-4.8	4.1	39	1024.8	300	4	0	30		9.7	-1.4	-2.7		330	21	0	"	22
8.7	4.1	-3.7	4.5	40	1024.1	300	2	0	25		10.8	-1.2	-2.2		310	15	0	"	23
9.0	4.0	-4.8	4.1	36	1024.1	-	0	0	25		10.7	-1.2	-2.4		340	16	0	"	24
10.5	4.5	-6.2	3.6	28	1020.6	320	3	0	25		12.0	-0.5	-2.0		350	12	0	"	25
12.2	5.2	-7.5	3.3	23	1021.1	310	8	0	30		15.0	1.0	-0.3		340	19	0	"	26
10.8	6.3	-0.3	6.0	47	1023.7	310	12	0	8		14.2	0.8	-0.2		310	22	0	Haze	27
10.8	5.8	-1.8	5.2	41	1022.7	330	4	5	25		13.5	1.0	-0.5		300	16	0	Fair	28
12.3	7.3	0.2	6.2	43	1024.2	350	6	0	30		15.2	0.9	-0.7		320	25	0	"	29
11.7	7.7	2.4	7.3	53	1026.5	300	7	5	25		15.3	1.2	-0.2		310	23	0	P.Cloudy	30
13.0	8.8	3.6	7.9	53	1024.5	-	0	3	40		15.3	0.0	-0.1		350	16	0	Fair	31
10.9	6.2	-0.1	6.4	48	1022.2	-	6	2	27										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

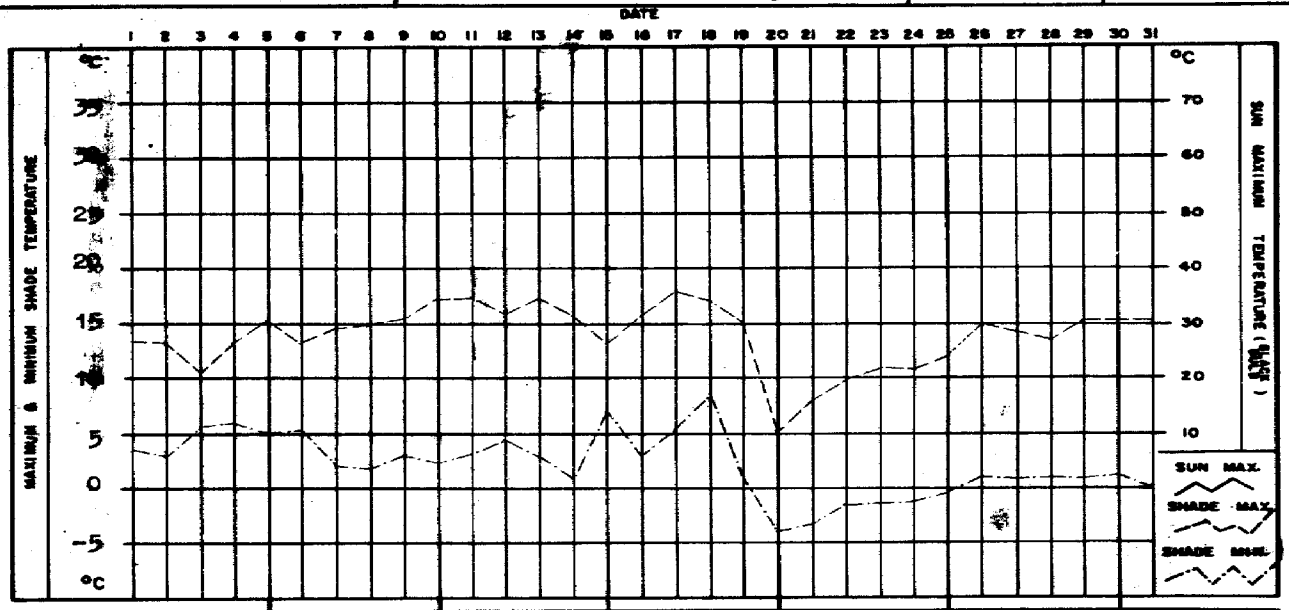
Rainsh.: Rain falling as showers

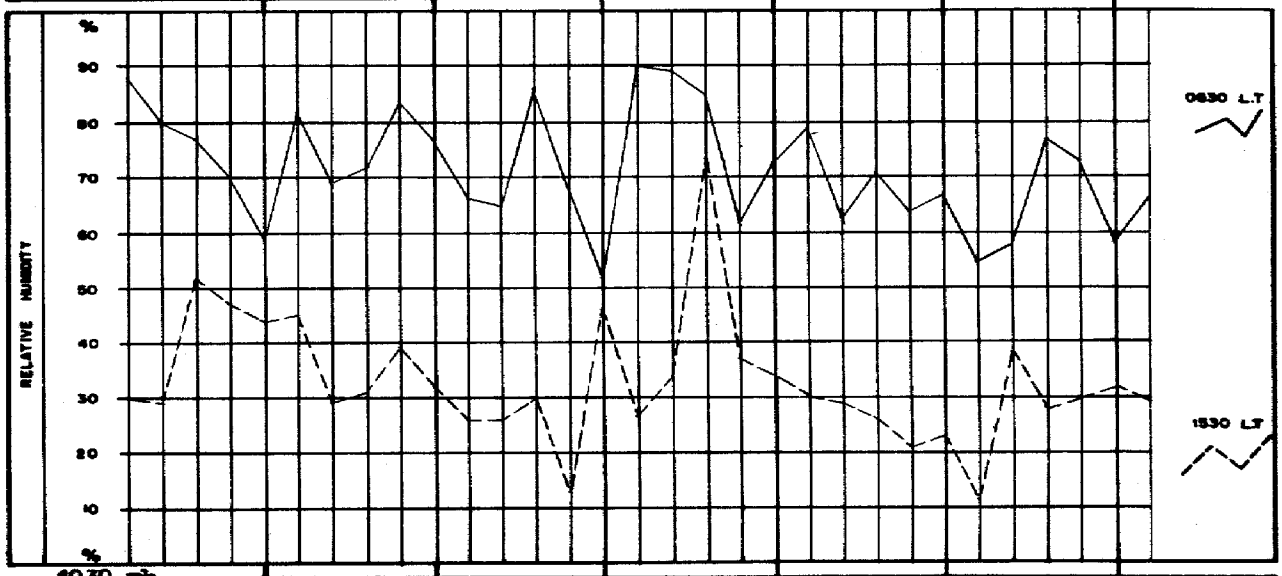
Hail: Solid precipitation

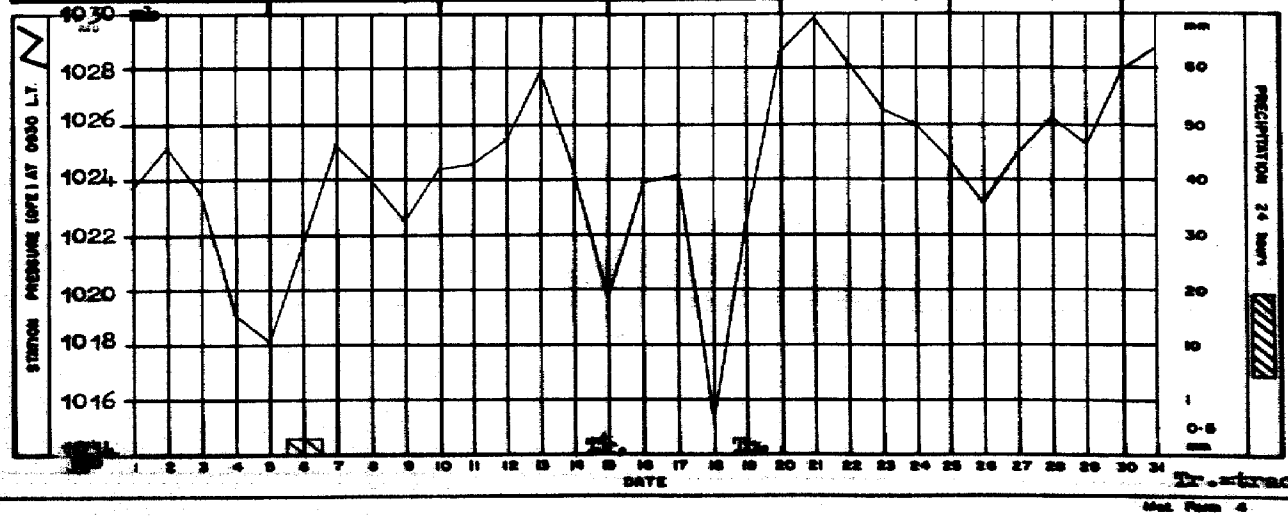
Th. storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: January	Year: 1964
		Station: Bandar Mashur	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°30' N.	Long: 49°12' E



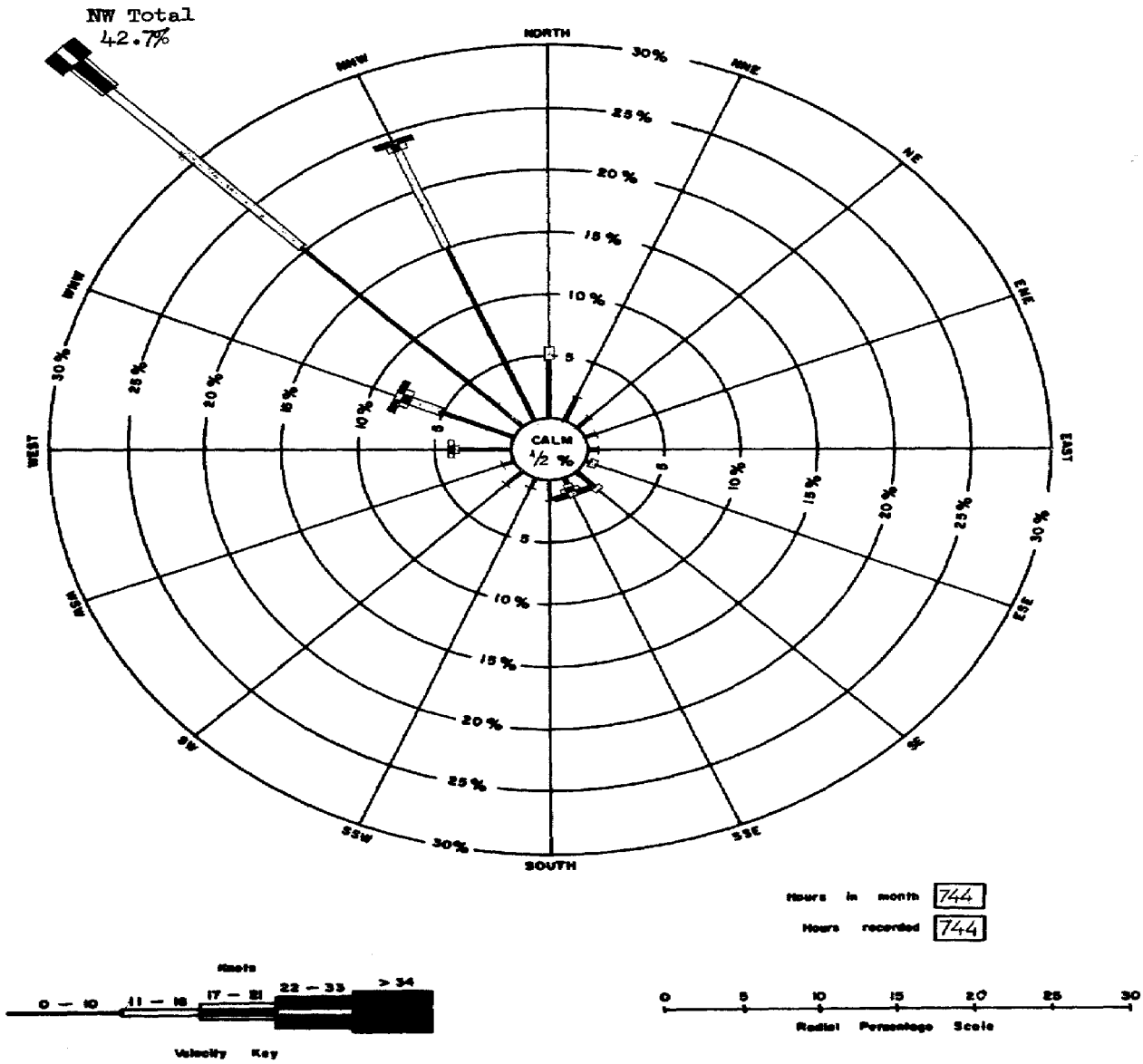




Tr.=trace

Met. Form 4

IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: January	Year: 1964
	Compiled from Wind Records Summary	Station: Bandar Mashur	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°30' N.	Long: 49°12' E

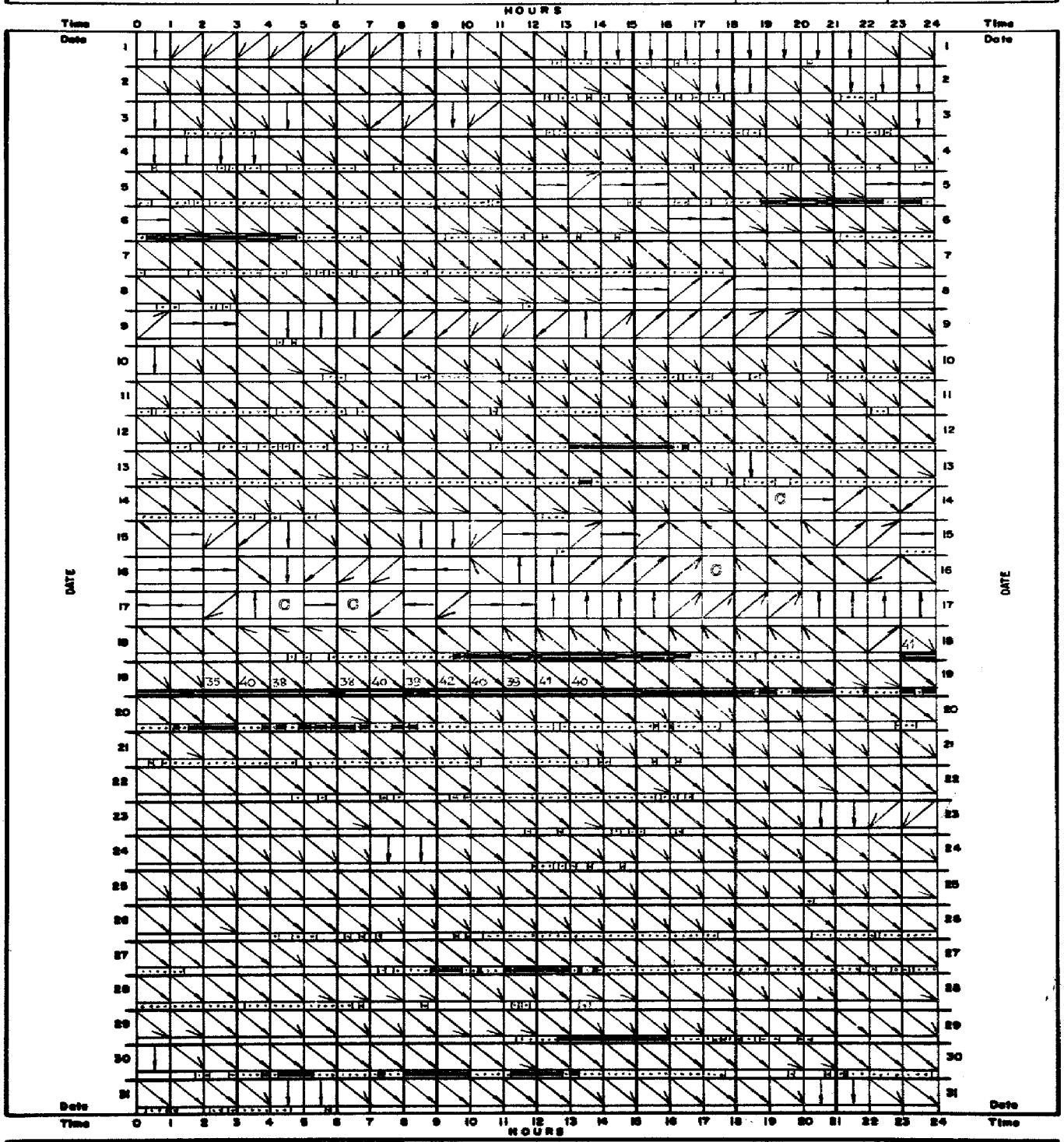


Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 75.6% of all observations.

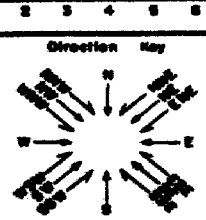
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: January	Year: 1964
	DINES ANEMOGRAPH	Station: Bandar Mashur	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°30' N.	Long: 49°12' E



Velocity Key

C	Calm
	1 – 10 Knots
	11 – 16
	17 – 21
	22 – 33
	> 34

Direction Key



Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks:

Met Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1964

Station: Kharg Island

Ground Level: 3 m. A.M.S.L. Local Time: G.M.T. + 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	9.6	6.0	-0.8	6.5	55	1021.0	360	10	0	15	13.6	7.4	-1.6	5.4	35	1022.3	340	10	2	20	1
2	10.8	5.8	-1.9	5.2	40	1023.2	330	10	2	20	13.0	6.8	-2.5	5.0	33	1023.4	320	15	0	30	2
3	11.4	7.2	1.6	6.8	51	1021.1	350	15	8	20	14.0	10.2	6.1	9.4	59	1019.2	360	10	8	20	3
4	13.0	10.6	8.1	10.9	73	1016.8	–	0	8	20	14.0	11.2	8.3	11.0	69	1017.0	090	8	8	20	4
5	13.4	11.6	9.9	12.2	80	1015.7	330	8	8	20	13.6	11.4	9.4	11.8	76	1016.0	300	5	8	20	5
6	9.5	6.6	2.8	7.4	63	1019.5	350	18	7	20	11.4	8.2	4.3	8.3	62	1021.1	330	15	7	20	6
7	10.4	7.2	3.0	7.6	60	1023.3	330	10	0	20	13.4	8½8	3.0	7.6	49	1023.7	330	12	0	30	7
8	11.2	7.4	2.3	7.3	55	1022.0	350	10	0	30	14.2	8.8	1.8	7.0	43	1021.9	300	8	0	30	8
9	9.4	8.0	6.4	9.6	82	1020.6	–	0	7	30	14.8	11.2	7.6	10.5	62	1020.7	350	2	3	30	9
10	13.0	10.0	6.8	9.9	66	1020.9	360	8	7	30	16.0	12.2	8.6	11.2	62	1022.3	350	10	1	30	10
11	13.0	10.4	7.7	10.5	70	1021.3	340	6	2	30	16.2	12.2	8.3	11.0	60	1021.9	340	10	2	30	11
12	14.2	9.6	4.3	8.3	51	1021.7	360	10	7	25	16.2	10.4	3.8	8.0	43	1022.7	340	16	3	30	12
13	11.6	7.8	3.0	7.6	56	1025.2	340	15	0	30	14.0	10.0	5.6	9.1	57	1025.3	300	12	0	30	13
14	11.0	7.8	3.9	8.1	62	1022.8	340	12	0	30	14.4	9.2	2.9	7.6	47	1021.6	300	7	0	30	14
15	12.0	9.0	5.6	9.1	65	1018.1	180	8	8	15	10.2	10.0	9.6	12.0	98	1019.1	–	0	8	3	15
16	10.4	8.0	5.1	8.8	70	1022.3	340	10	2	30	14.0	9.4	3.9	8.1	51	1022.4	330	10	0	30	16
17	7.6	6.2	4.4	8.4	79	1023.4	–	0	0	30	15.2	11.4	7.6	10.5	61	1023.1	–	0	0	30	17
18	12.2	10.4	8.6	11.2	80	1017.1	080	10	3	30	18.2	15.0	12.5	14.5	67	1014.7	170	15	3	30	18
19	6.6	4.4	1.1	6.6	67	1015.9	320	30	X	0.2	5.0	1.8	-4.0	4.4	50	1021.5	320	18	3	5	19
20	2.0	-0.4	-5.1	4.2	59	1026.1	320	20	1	6	4.8	1.6	-4.3	4.3	50	1025.9	360	20	3	4	20
21	4.6	1.6	-3.9	4.4	52	1027.4	320	15	0	12	7.6	3.6	-3.2	4.7	45	1027.8	350	10	0	15	21
22	6.4	3.0	-2.7	4.9	51	1026.4	330	10	0	20	9.0	4.2	-3.9	4.4	38	1026.3	350	10	0	20	22
23	7.0	3.2	-3.3	4.7	47	1024.3	360	12	0	30	9.6	4.8	-2.9	4.8	40	1024.7	350	10	0	30	23
24	8.0	4.0	-2.5	5.0	47	1024.4	340	10	0	30	10.8	5.6	-2.4	5.0	39	1025.5	340	10	0	30	24
25	8.4	4.4	-2.1	5.2	47	1022.7	360	10	0	30	12,0	6.0	-3.8	4.5	32	1023.1	350	10	0	30	25
26	9.2	5.4	-0.3	6.0	52	1020.9	360	12	9	30	12.6	6.4	-3.2	4.7	33	1022.0	360	12	0	30	26
27	10.8	6.4	0.0	6.1	47	1022.1	360	14	9	30	13.6	8.2	1.0	6.5	42	1024.1	350	16	0	30	27
28	8.8	5.6	1.0	6.5	58	1024.8	350	15	0	30	10.8	6.0	-1.1	5.7	44	1025.3	350	16	0	30	28
29	9.2	6.0	1.4	6.8	59	1023.0	360	10	0	30	13.4	7.8	0.0	6.1	40	1024.5	360	10	0	30	29
30	11.0	8.0	3.8	8.0	60	1025.3	340	15	0	30	12.8	7.8	1.1	6.6	45	1027.8	320	16	2	30	30
31	9.6	6.2	1.4	6.8	57	1026.5	350	12	9	30	13.4	8.8	3.1	7.6	50	1026.7	350	10	0	30	31
Av.	9.8	6.7	2.3	7.4	60	1022.1	–	11	3	24	12.6	8.3	2.4	7.7	51	1022.7	–	11	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)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1964

Station: Kharg Island

Ground Level: 3 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
12.4	6.6	-2.2	5.1	36	1021.5	340	12	0	25		14.6	9.4	7.2		340	22	0	Fair	1
11.2	6.6	0.0	6.1	46	1022.4	320	10	1	30		13.6	10.6	8.9		340	21	0	"	2
11.6	10.2	8.7	11.3	83	1018.7	330	10	8	20		15.2	11.0	10.0		350	28	1.2	Rain	3
14.0	12.2	10.8	12.9	81	1015.5	350	10	8	20		15.6	11.5	10.5		340	16	0.6	"	4
13.0	11.2	9.4	11.8	79	1015.9	320	2	8	20		14.5	13.0	10.1		310	32	0.6	"	5
10.0	7.8	5.1	8.8	72	1021.9	320	4	3	20		13.0	9.0	8.2		350	28	0	Cloudy	6
12.6	8.2	2.7	7.4	51	1022.8	320	12	0	30		14.2	10.0	8.2		330	21	0	Clear	7
12.2	8.0	2.6	7.4	52	1021.1	280	2	0	30		15.0	11.0	8.9		340	15	0	"	8
13.4	10.4	7.2	10.2	67	1019.9	320	5	8	30		15.5	8.0	4.4		050	10	0	P.Cloudy	9
14.8	9.6	3.3	7.8	47	1021.6	300	10	5	30		16.5	12.0	10.1		350	15	0	"	10
16.0	10.4	4.0	8.1	45	1020.9	320	12	7	30		17.0	13.0	10.1		350	18	0	"	11
14.4	9.4	3.3	7.8	48	1023.2	320	15	2	30		16.5	14.0	13.1		350	25	0	"	12
13.4	8.8	3.0	7.6	50	1024.3	300	10	0	30		15.0	11.5	10.2		340	27	0	Clear	13
12.0	7.8	2.2	7.2	51	1020.7	300	5	3	30		15.2	11.0	9.8		340	18	0	Fair	14
9.6	8.8	8.0	10.7	89	1020.1	350	10	8	5		13.0	9.5	9.9		360	13	12.2	Rain	15
12.4	8.8	4.6	8.5	59	1022.6	320	6	0	30		14.7	8.5			350	13	0	Fair	16
12.8	9.8	6.5	9.8	66	1021.0	–	0	0	30		16.0	7.5			350	8	0	Clear	17
17.4	14.2	11.6	13.6	68	1011.8	180	17	8	30		18.4	9.5	5.6				0	Cloudy	18
3.2	-1.0	-11.1	2.6	34	1023.0	330	20	1	5		17.4	3.0	5.6		340	56	0	Sandst.	19
4.4	1.4	-4.2	4.4	53	1025.7	340	10	0	10		5.7	1.4	-0.6		340	39	0	Haze	20
7.2	3.6	-2.4	5.0	50	1026.8	320	10	0	20		8.4	3.8	2.2		350	25	0	Clear	21
7.8	4.2	-1.6	5.4	51	1024.7	320	8	0	20		9.8	6.0	3.9		350	20	0	"	22
8.4	4.0	-3.3	4.6	42	1024.2	340	9	0	30		10.8	6.6	4.4		340	19	0	"	23
9.8	4.8	-3.3	4.7	39	1024.1	360	3	0	30		11.8	7.6	4.9		340	17	0	"	24
9.4	5.0	-1.9	5.2	44	1020.3	360	2	0	30		12.8	8.0	5.4		340	17	0	"	25
12.0	6.8	-0.7	5.8	41	1020.9	310	8	0	30		13.2	8.5	6.4		340	20	0	"	26
11.6	8.0	3.7	7.8	57	1023.6	310	10	0	30		14.0	10.4	8.6		340	25	0	"	27
10.0	6.2	0.6	6.4	52	1022.6	320	10	7	30		12.8	8.5	6.7		340	24	0	Fair	28
12.2	7.6	1.4	6.8	48	1024.0	360	10	2	30		14.2	9.0	5.5		330	22	0	"	29
12.2	8.0	2.7	7.4	52	1026.2	350	12	3	30		13.5	11.0	6.7		330	22	0	"	30
11.6	8.2	4.0	8.2	61	1024.9	350	5	0	30		14.0	9.2	6.7		350	19	0	Clear	31
11.4	7.6	2.4	7.6	55	1022.2	–	9	3	26										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

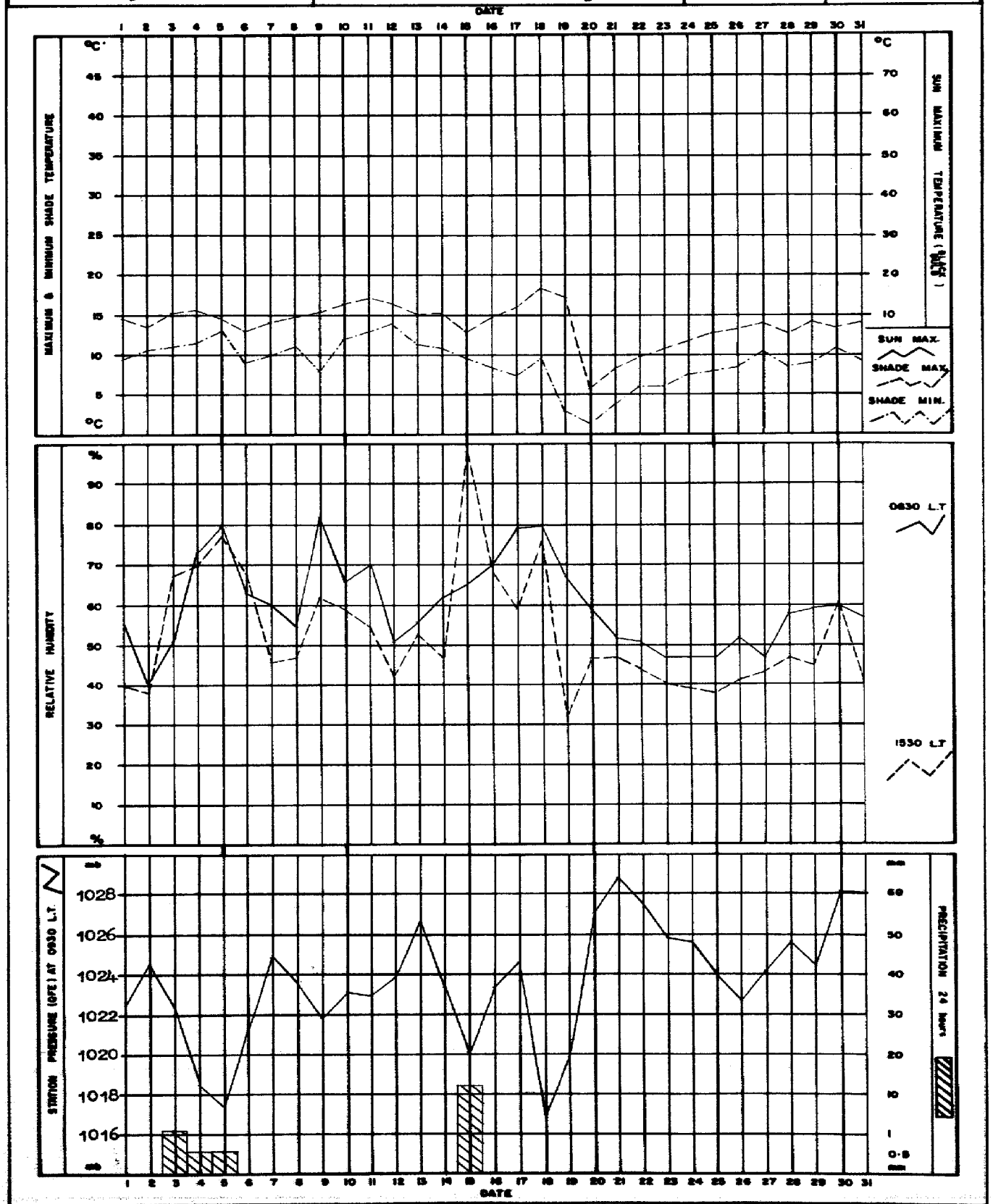
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th. storm: Thunderstorm at or near the station

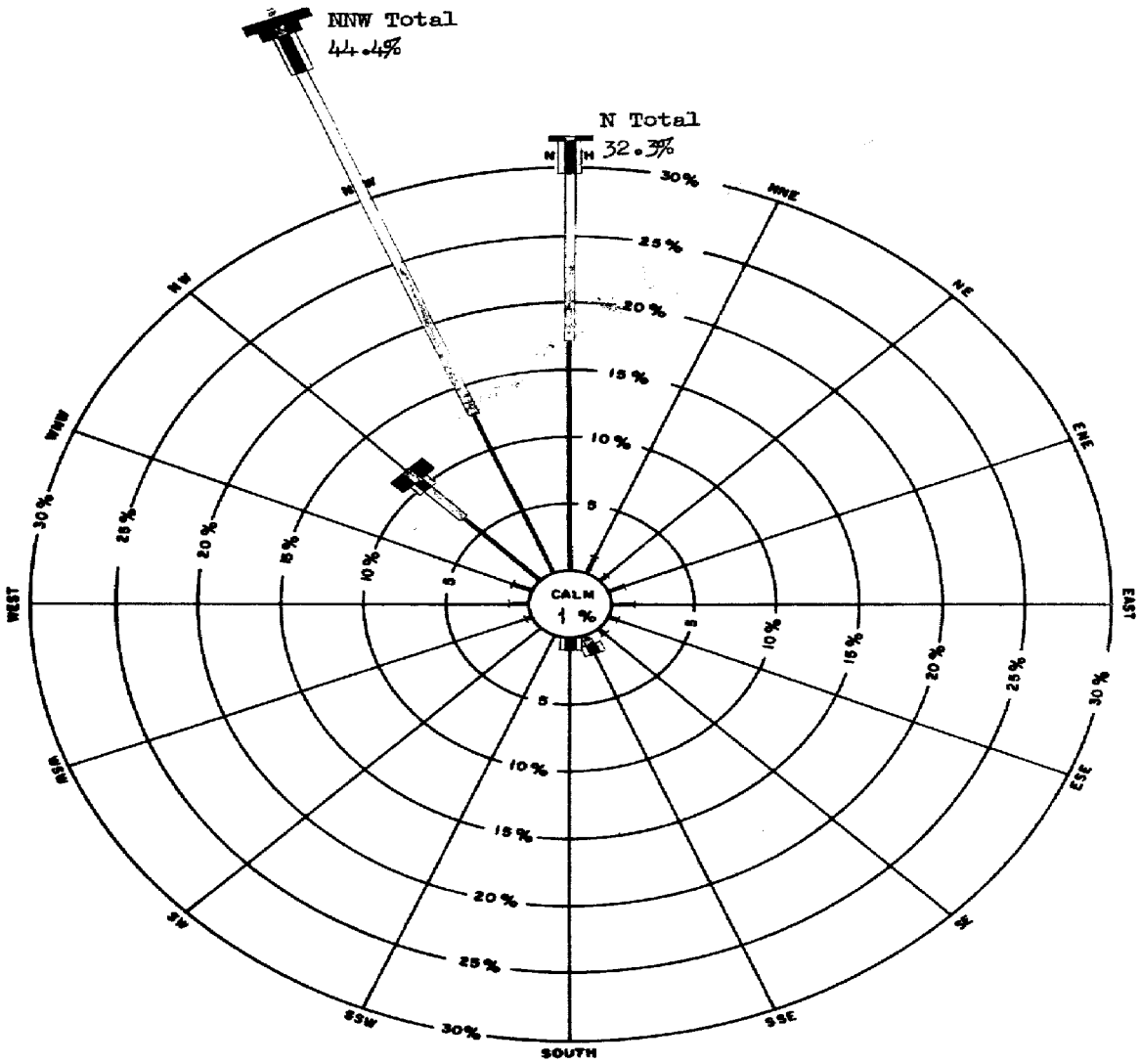
Met. Form 30

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: January	Year: 1964
		Station: Kharg Island	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 29°16' N.	Long: 50°20' E



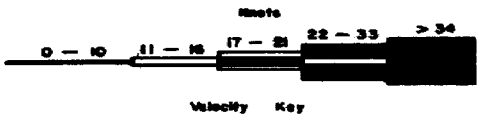
Met. Form 4

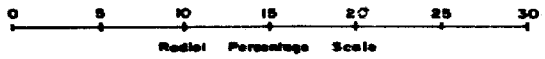
IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: January	Year: 1964
	Compiled from Wind Records Summary	Station: Kharg Island	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 29°16' N.	Long: 50°20' E



Hours in month 744

Hours recorded 744





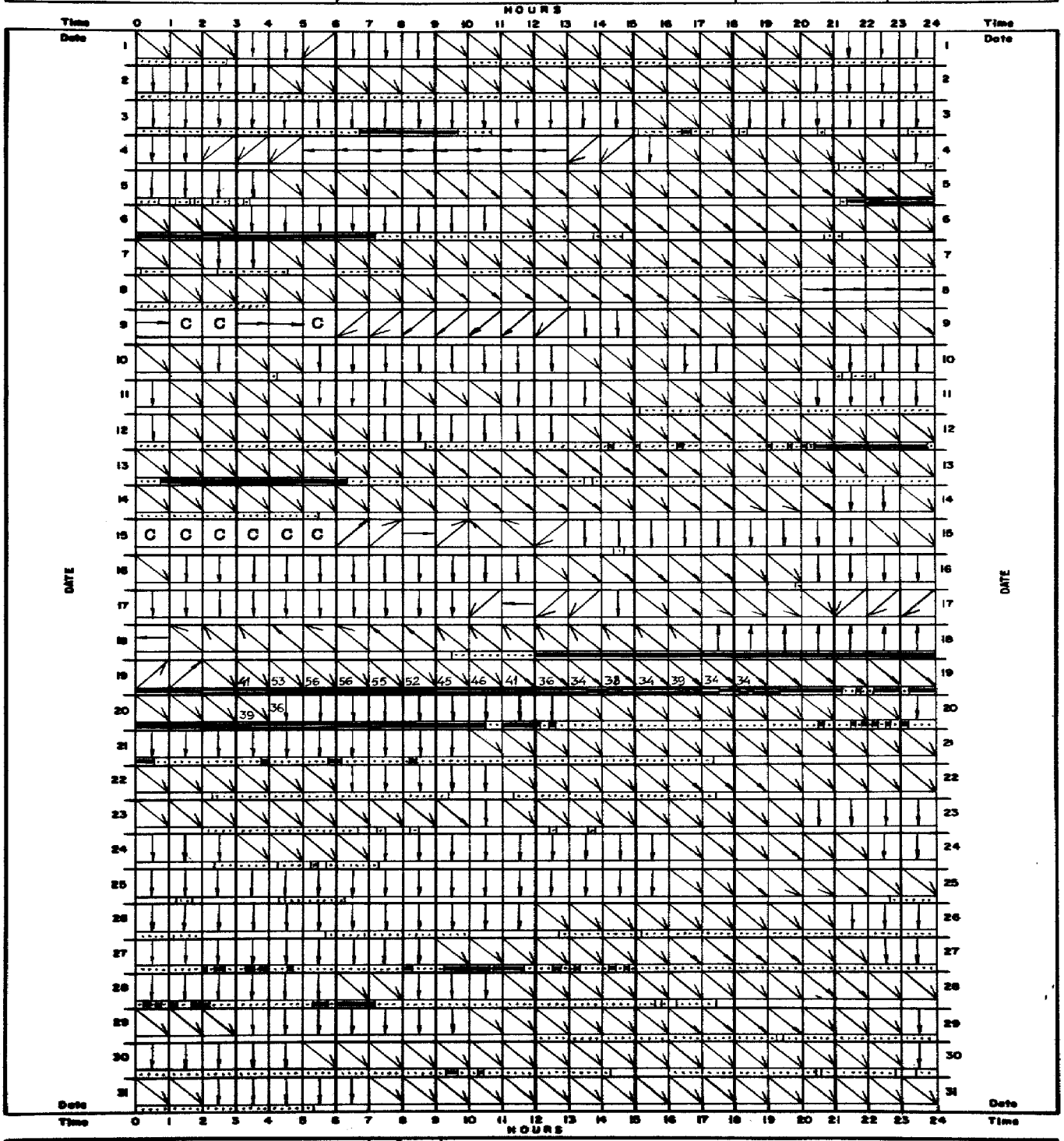
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 directions NW, NNW, and N constitute together 88.3% of all directions.

Met Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: January	Year: 1964
	DINES ANEMOGRAPH	Station: Kharg Island	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 29° 16' N.	Long: 50° 20' E



Velocity Key	Direction Key	Example:	Remarks:
C Calm 1 – 10 Knots 11 – 16 17 – 21 22 – 28 > 34	N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW	S 4 / 40 — From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.	Wind speed uncertain but surely above 17 kts during the period 18th 1200 – 19th 0200.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: January Year: 1964

Station: Shaikh Shu'aib

Ground Level: 2 m. A.M.S.L. | Local Time: G.M.T. + 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	14.6	9.8	4.3	8.3	50	1018.7	290	14	2	25	18.1	11.8	5.1	8.8	42	1018.2	290	14	1	35	1
2	14.0	8.7	1.8	7.0	44	1020.6	300	15	6	40	16.6	11.0	4.3	8.3	44	1020.2	300	12	2	50	2
3	12.0	9.3	6.3	9.6	68	1019.5	010	3	7	40	18.6	11.5	3.6	7.9	37	1017.7	030	3	5	50	3
4	16.2	12.8	9.7	12.1	65	1016.1	060	11	8	15	15.3	14.2	13.4	15.3	88	1016.0	060	4	8	25	4
5	16.5	16.0	15.6	17.7	94	1015.6	060	2	8	15	16.7	14.8	13.3	15.3	80	1014.0	010	7	8	15	5
6	15.2	13.1	11.3	13.4	78	1015.9	320	4	5	40	19.0	13.9	9.4	11.8	54	1017.3	300	17	6	50	6
7	12.7	10.7	8.7	11.3	77	1021.6	300	5	2	35	16.9	13.3	10.2	12.4	64	1021.4	350	4	2	50	7
8	13.9	11.5	9.2	11.6	73	1020.7	030	1	5	40	18.3	14.2	10.8	12.9	61	1020.6	350	5	5	50	8
9	13.8	11.5	9.3	11.7	74	1019.9	040	3	6	40	19.3	14.8	11.1	13.2	59	1020.1	080	1	8	50	9
10	15.2	13.2	11.5	13.6	79	1020.9	–	0	8	25	15.9	13.5	11.5	13.5	75	1021.1	100	4	8	40	10
11	14.2	12.6	11.2	13.3	82	1020.9	360	3	5	40	20.1	15.9	12.8	14.7	62	1020.7	130	4	4	50	11
12	16.5	14.6	13.2	15.1	80	1020.2	360	3	8	30	20.2	15.5	11.8	13.9	59	1020.9	350	1	5	50	12
13	15.5	11.7	8.0	10.7	61	1021.9	290	14	1	40	19.2	12.4	5.3	9.0	40	1021.4	320	14	0	50	13
14	15.2	12.2	9.4	11.8	68	1021.3	070	5	1	40	19.7	15.3	11.8	13.9	61	1021.0	110	15	4	50	14
15	15.8	13.6	11.7	13.8	77	1018.5	310	1	6	40	18.7	15.7	13.4	15.4	71	1017.8	190	7	8	35	15
16	15.0	13.2	11.7	13.7	80	1019.4	330	11	2	25	18.6	14.4	10.9	13.0	61	1020.0	330	6	2	50	16
17	13.9	11.8	9.9	12.2	77	1022.4	010	4	1	40	18.8	14.0	9.8	12.1	56	1021.2	350	1	0	50	17
18	12.0	10.8	9.6	12.0	86	1018.2	290	2	0	40	20.5	16.0	12.6	14.6	61	1017.5	–	0	1	50	18
19	18.9	17.3	16.3	18.5	84	1011.4	100	12	7	30	16.4	14.1	12.2	14.2	76	1012.0	290	28	8	25	19
20	5.8	2.3	-3.9	4.5	49	1019.3	300	25	2	20	10.6	5.5	-2.6	4.9	38	1020.3	300	15	5	15	20
21	8.9	6.2	2.6	7.3	63	1024.3	010	7	3	20	13.9	9.1	3.2	7.7	48	1024.7	020	3	2	15	21
22	11.4	8.8	5.8	9.2	68	1024.0	040	2	6	15	15.1	10.8	6.2	9.5	55	1024.0	260	7	7	15	22
23	9.2	7.2	4.7	8.5	73	1022.4	270	7	3	15	15.4	9.8	3.3	7.7	44	1022.4	310	4	1	45	23
24	11.3	8.5	5.3	8.9	66	1022.1	030	6	2	40	16.5	11.3	5.8	9.2	49	1023.2	340	4	6	50	24
25	11.1	8.7	5.9	9.3	70	1020.8	310	5	8	30	18.4	12.6	6.9	10.0	47	1020.5	320	9	0	15	25
26	12.2	10.0	7.7	10.5	74	1019.8	300	4	6	10	19.0	12.0	5.2	8.8	40	1019.0	300	12	0	15	26
27	12.4	10.2	7.9	10.7	64	1019.5	330	5	0	40	18.9	11.4	2.2	7.1	33	1020.3	310	11	0	50	27
28	12.3	8.1	2.7	7.4	52	1020.5	330	10	0	30	17.8	11.7	5.3	8.8	44	1021.4	300	9	0	40	28
29	11.1	9.8	8.5	11.1	84	1021.0	310	6	1	35	17.4	12.0	6.5	9.7	45	1020.9	310	18	0	45	29
30	13.8	8.9	2.8	7.5	48	1021.5	300	17	0	30	18.3	11.2	3.1	7.6	36	1023.4	330	7	0	50	30
31	13.3	11.1	8.9	11.4	75	1026.1	080	3	0	35	19.6	13.7	8.3	11.0	48	1026.2	180	7	X	6	31
Av.	13.3	10.8	8.0	11.1	70	1020.2	–	7	4	31	17.7	12.8	8.0	11.0	54	1020.2	–	8	4	38	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: January Year: 1964

Station: Shaikh Shu'aib

Ground Level: 2 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
15.6	10.0	5.4	7.8	44	1018.6	290	8	1	35	19.1	21.9	14.1	13.2	57.6	300	36	0	Fair	1
15.2	10.6	5.6	9.1	53	1019.8	300	12	3	30	18.4	17.4	13.5	12.3	53.8	310	34	0	P.Cloudy	2
19.1	13.2	7.5	10.4	47	1017.0	140	11	8	30	20.1	19.7	11.6	12.7	57.1	010	23	0	Cloudy	3
15.4	14.8	14.3	16.4	94	1015.7	030	7	8	20	20.2	19.3	15.0	13.8	36.5	090	19	8.0	Rainsh.	4
14.5	13.4	12.5	14.5	88	1014.3	350	10	8	10	20.7	17.2	14.3	14.8	36.7	350	21	23.0	"	5
15.2	11.6	8.3	10.8	63	1019.1	290	15	6	30	20.3	19.2	13.8	11.5	60.9			7.0	"	6
14.3	11.9	9.7	12.0	73	1021.0	290	3	1	40	18.2	17.8	12.4	10.0	56.8			0	Fair	7
14.7	12.5	10.6	12.7	76	1020.1	280	4	3	30	20.7	19.1	11.5	8.5	63.1	300	11	0	P.Cloudy	8
16.6	13.7	11.3	13.4	71	1019.5	280	1	5	35	20.6	19.7	11.7	9.4	60.3			0	Cloudy	9
15.8	14.3	13.2	15.1	84	1021.2	130	1	3	30	20.2	18.8	14.0	12.5	53.8			5.0	Rainsh.	10
17.2	14.2	11.7	13.8	71	1020.4	250	1	4	30	19.8	20.4	13.2	9.9	59.7	150	10	0	P.Cloudy	11
17.4	15.2	13.6	15.5	78	1020.4	270	3	5	30	20.3	21.2	15.5	13.8	60.6	300	18	Tr.	Rainsh.	12
16.2	12.0	7.9	10.6	57	1021.3	300	9	1	30	19.3	19.7	15.3	12.7	57.0	310	26	0	Fair	13
19.0	15.4	12.6	14.6	66	1019.9	120	5	7	30	18.6	20.2	11.8	10.6	58.1	110	24	Tr.	Rain	14
18.2	14.1	10.6	12.8	61	1018.1	220	6	7	30	19.8	19.2	12.7	11.7	43.0			Tr.	Rainsh.	15
15.3	12.7	10.4	12.6	72	1020.6	270	6	1	30	19.3	19.5	13.8	11.9	58.2	320	23	0	Fair	16
15.7	13.3	11.3	13.3	75	1020.6	270	1	0	35	19.3	19.9	12.1	9.3	59.9	350	19	0	Clear	17
18.7	15.8	13.6	15.6	72	1016.1	140	3	3	30	20.2	21.4	10.1	6.9	59.5	120	13	0	Fair	18
10.3	7.4	3.7	8.0	64	1015.8	290	28	3	0.5	18.6	20.2	10.1	17.2	49.6	290	58	Tr.	Rain	19
10.1	6.3	0.9	6.5	52	1021.4	310	15	1	10	14.3	11.8	5.0	4.5	48.2	300	56	0	P.Cloudy	20
11.9	7.8	3.3	7.7	55	1024.4	280	2	2	10	18.0	15.9	8.2	5.1	57.4	350	17	0	Fair	21
12.6	9.4	5.9	9.3	64	1023.0	270	7	5	30	18.9	16.9	8.9	5.2	62.7	250	16	0	Cloudy	22
11.9	7.8	2.5	7.3	52	1022.0	270	9	1	30	18.7	15.9	8.9	6.6	58.2	290	18	0	Fair	23
13.8	9.8	5.3	8.9	56	1021.9	270	5	0	30	18.5	17.5	8.6	7.5	57.0	360	12	0	P.Cloudy	24
15.1	10.3	4.9	8.7	51	1019.1	270	7	6	10	18.2	18.9	10.2	6.9	57.1	300	14	0	"	25
14.7	10.4	5.7	9.2	55	1018.5	270	8	0	20	18.2	19.7	11.7	9.4	57.4	280	21	0	Fair	26
16.2	9.8	2.0	7.0	38	1019.7	280	15	0	40	17.9	20.1	10.6	8.6	59.2	300	30	0	Clear	27
14.9	11.2	7.4	10.3	61	1020.2	280	10	2	30	17.2	18.7	11.6	9.3	58.0	310	29	0	Fair	28
15.2	10.1	4.3	8.3	48	1020.3	290	17	0	35	17.8	17.8	10.7	7.9	58.2	290	30	0	Clear	29
18.2	11.5	4.1	8.2	39	1023.7	150	2	0	30	16.7	20.0	12.8	11.3	60.5	310	30	0	"	30
17.5	14.1	11.2	13.3	66	1024.0	230	3	X	9	[illegible]	19.3	9.9	8.5	57.3	310	10	0	Dust	31
15.4	11.0	8.3	11.2	64	1018.0	–	8	5	27										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

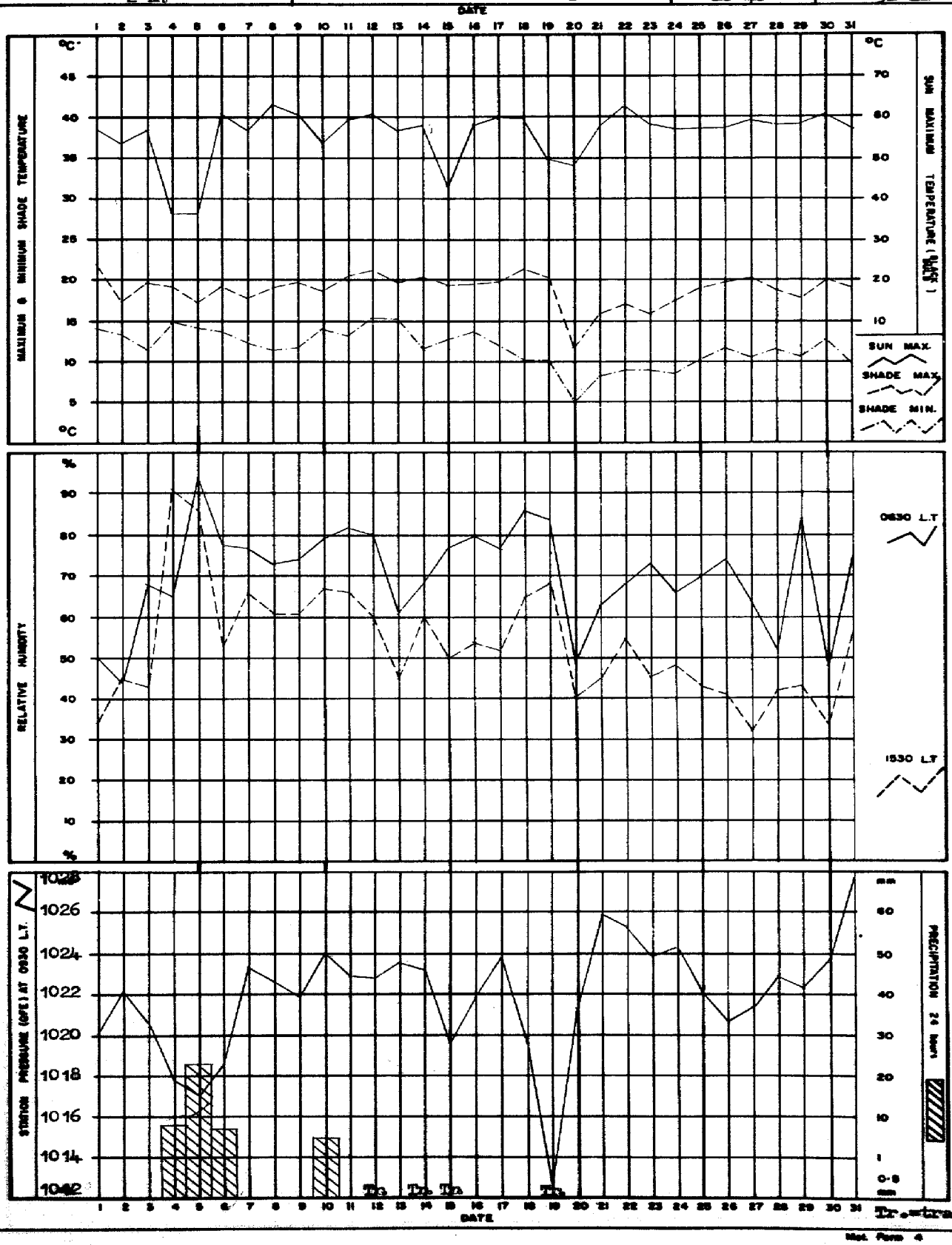
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th. storm: Thunderstorm at or near the station

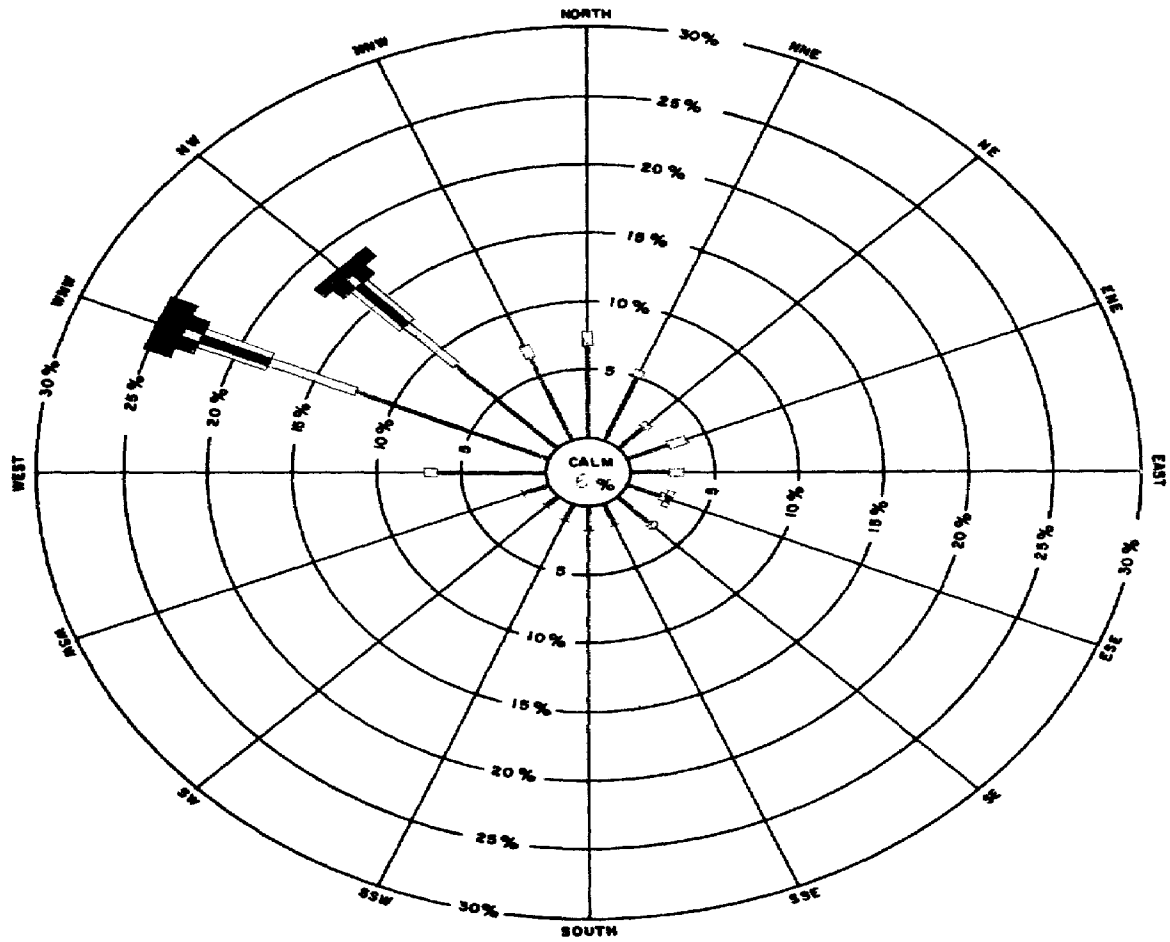
Met. Form 8b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: January	Year: 1964
		Station: Sheikh Shu'aib	
Ground Level: 2 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 26°48' N.	Long: 52°22' E



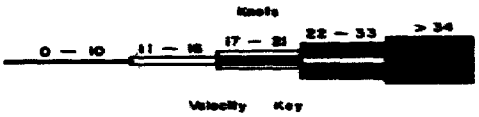
Met. Form 4

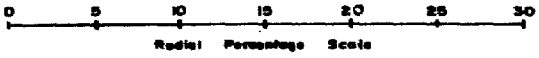
IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: January	Year: 1964
	Compiled from Wind Records Summary	Station: Sheikh Shu'aib	
Ground Level: 2 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 25°48' N.	Long: 53°22' E



Hours in month 744

Hours recorded 744





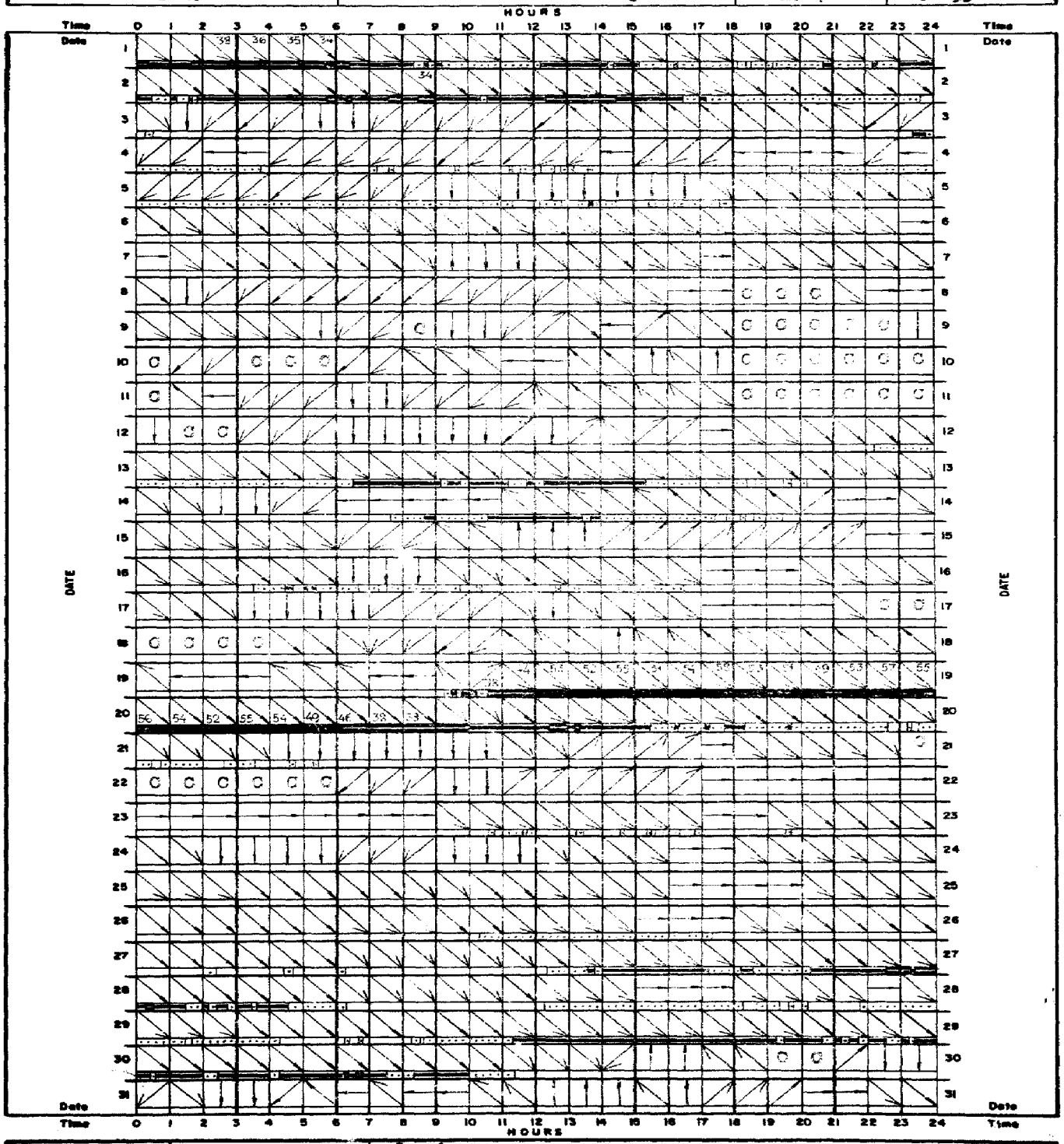
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 B

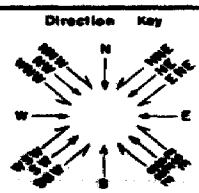
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: [illegible]	Year: 1954
	DINES ANEMOGRAPH	Station: [illegible]	
Ground Level: 2 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 26° [illegible]' N.	Long: 53° 22' E



Velocity Key

	Colour
C	Calm
	1 – 10 Knots
	11 – 16
	17 – 21
	22 – 33
	> 34

Direction Key



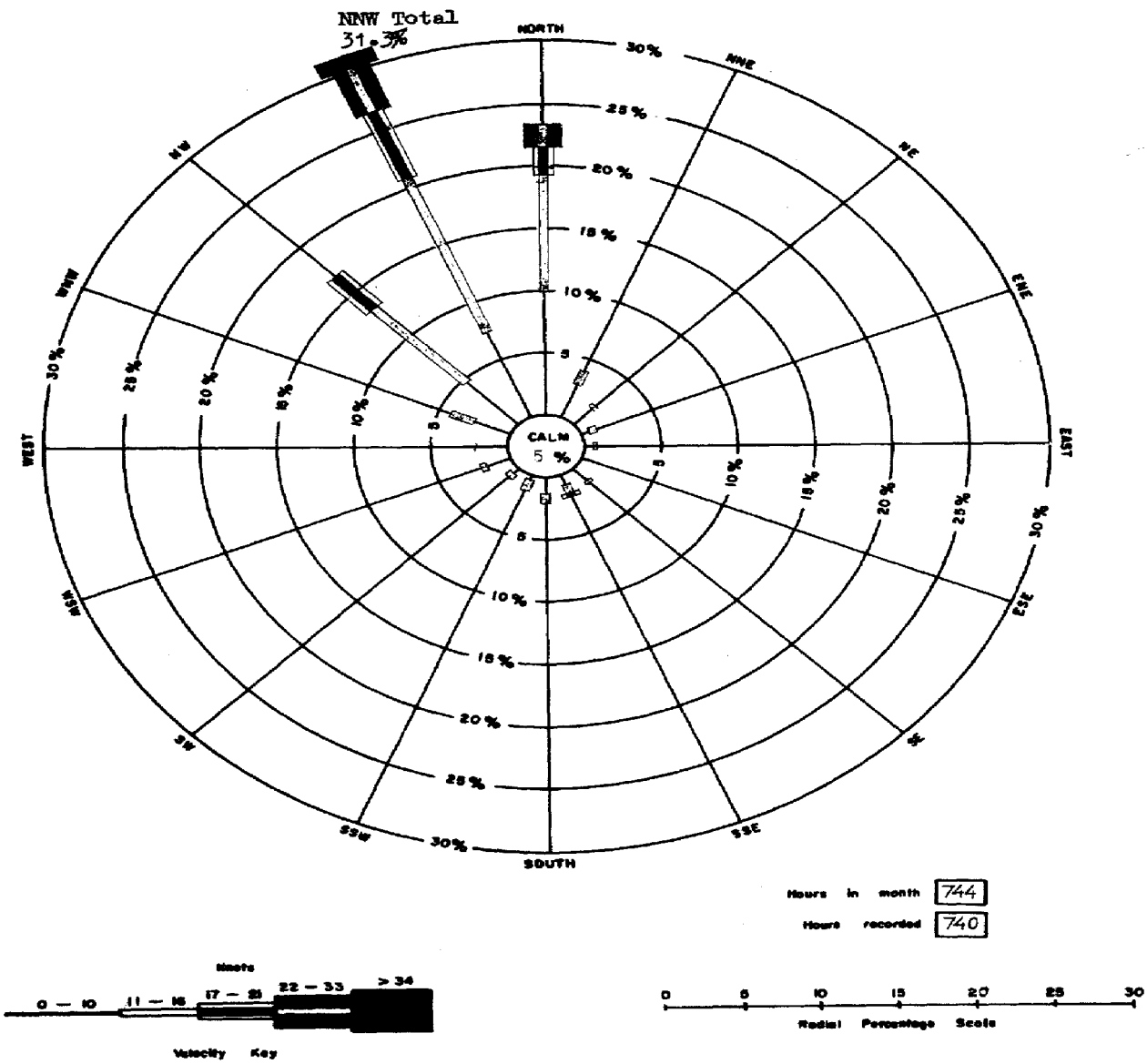
3 4
40

Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks:

Met Form A

IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: January	Year: 1964
	Compiled from Wind Records Summary	Station: Khor Musa	
Ground Level: 6 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°00' N.	Long: 49°02' E



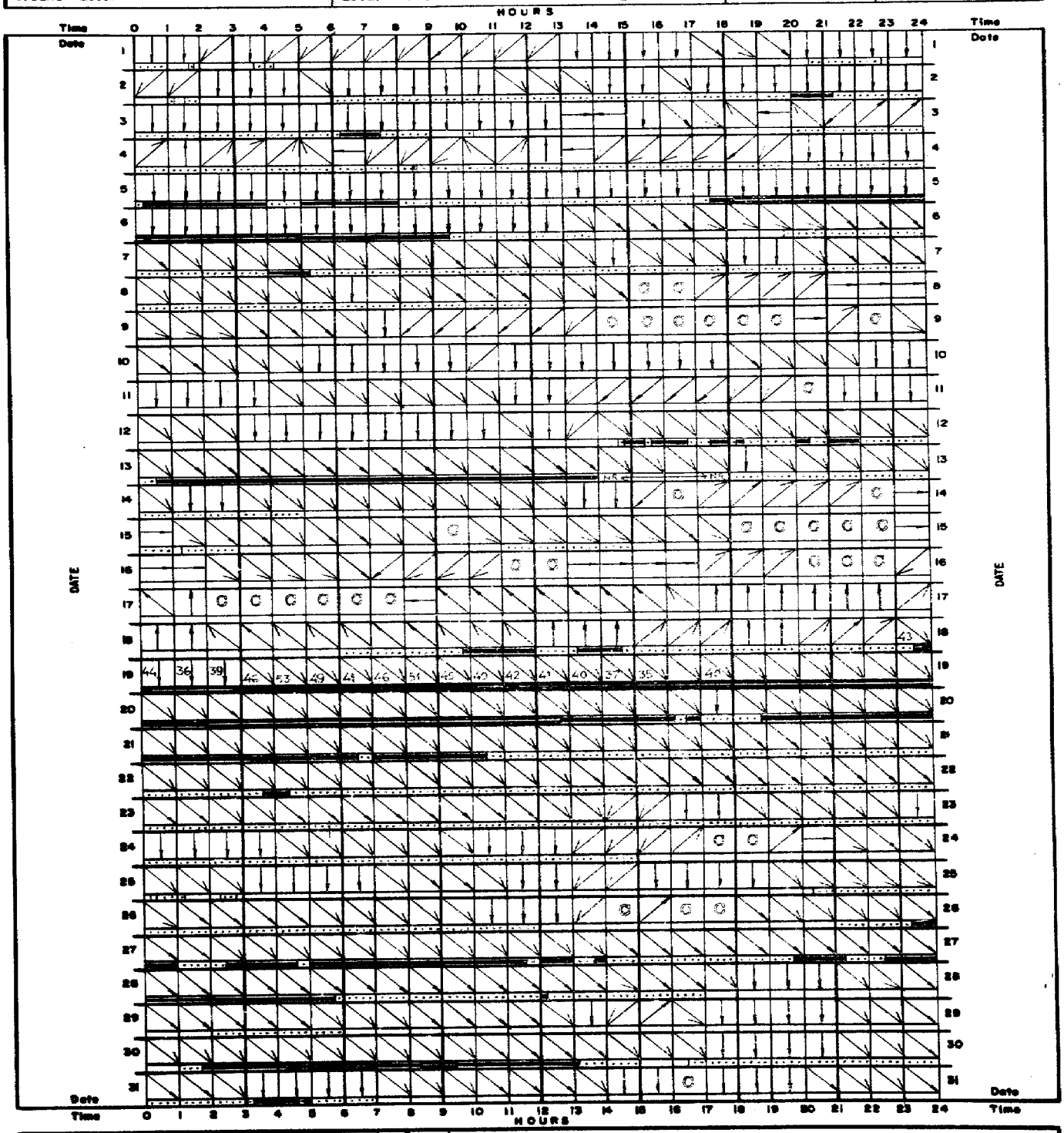
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 directions NW, NNW, and N constitute together 71.7% of all observations.

Met. Form 5

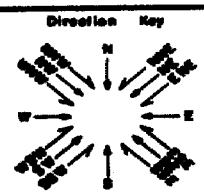
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: January	Year: 1964
	DINES ANEMOGRAPH	Station: Khor Musa	
Ground Level: 6 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°00' N.	Long: 49°02' E



Velocity Key

C	Calm
	1 – 10 Knots
	11 – 16
	17 – 21
	22 – 33
	> 34

Direction Key

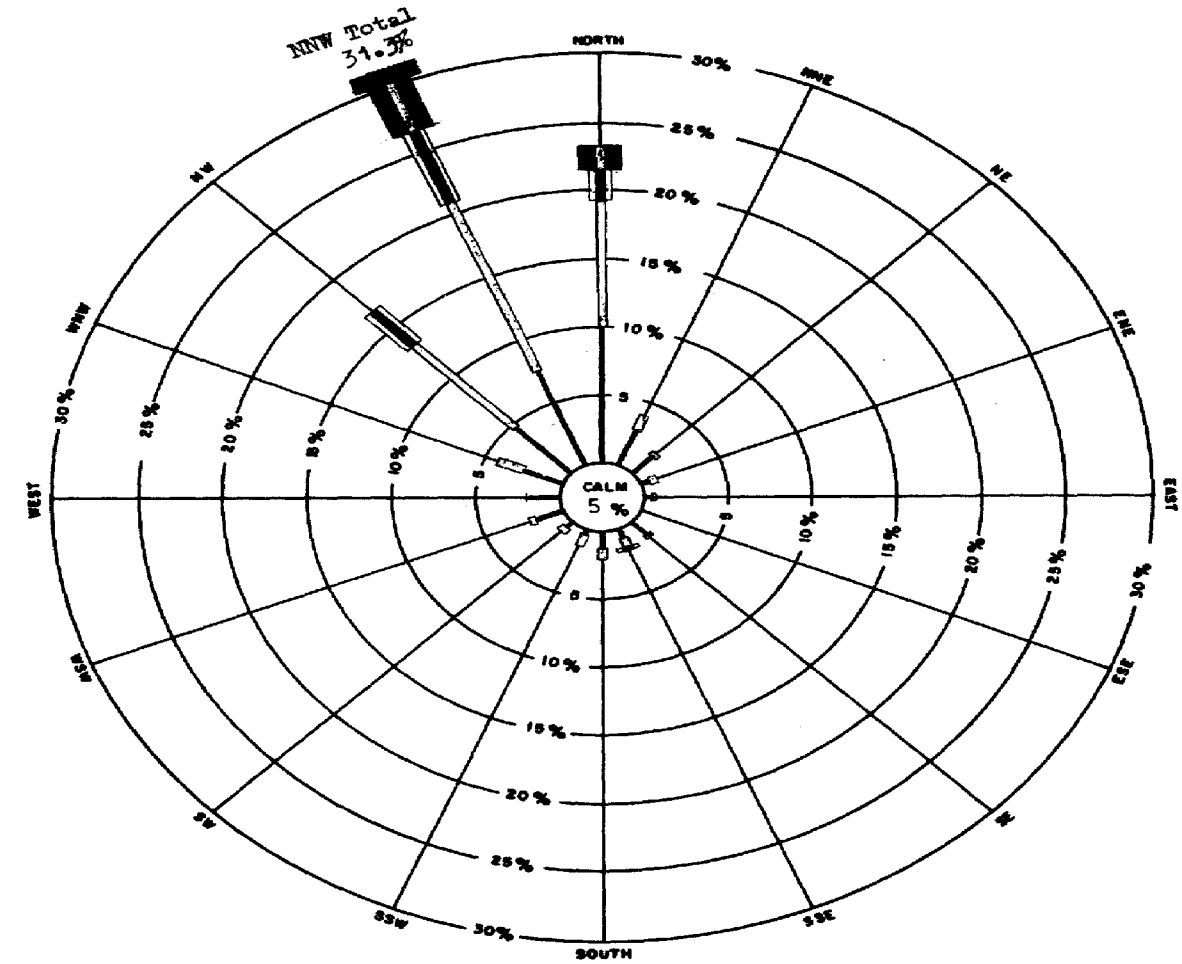


Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks:

Met Form A

IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: January	Year: 1964
	Compiled from Wind Records Summary	Station: Khor Musa	
Ground Level: 6 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°00' N.	Long: 49°02' E



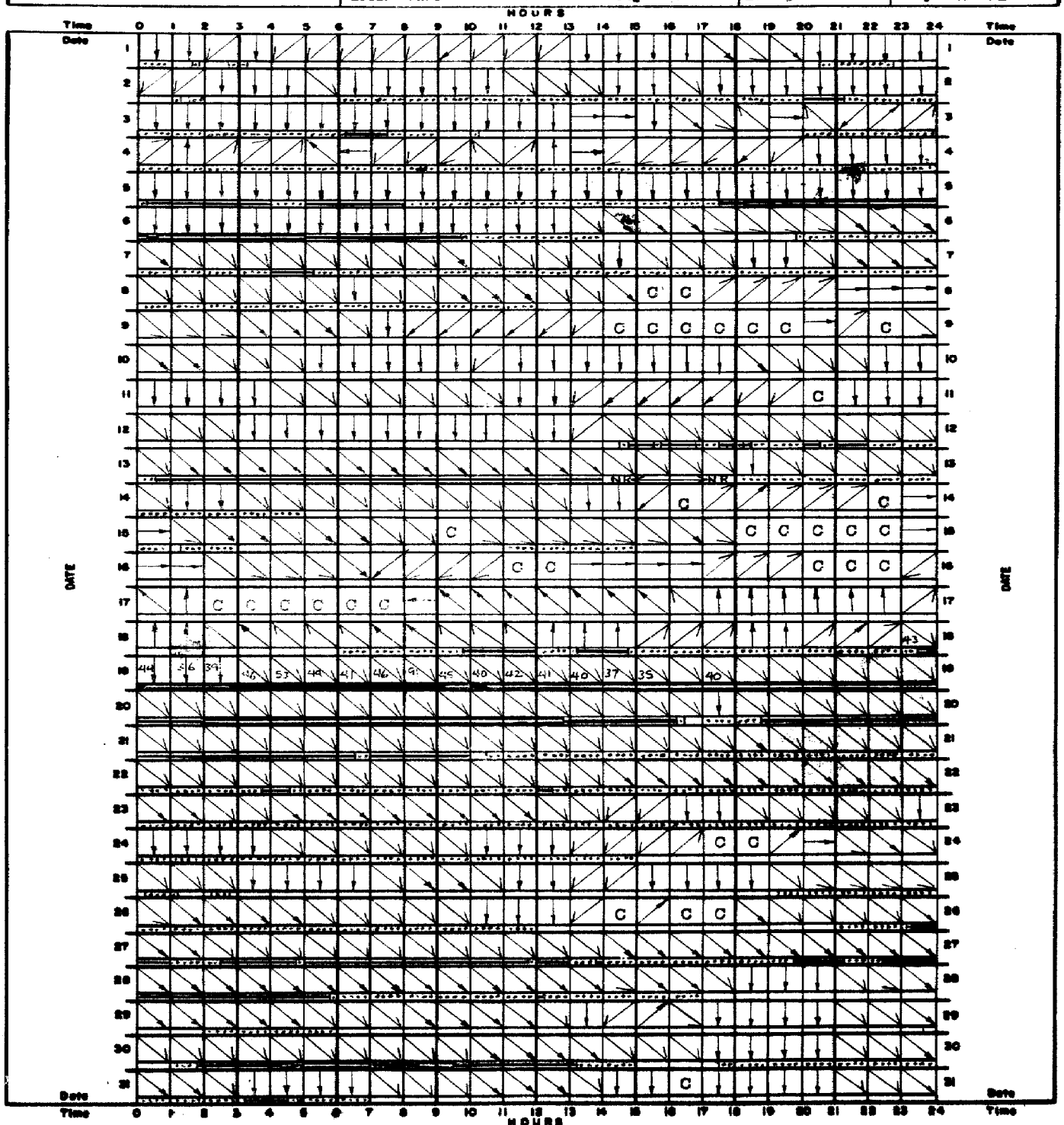
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 constitude together 71.7% of all observations.

Met. Form 9

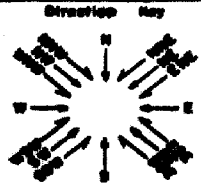
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: January	Year: 1964
	DINES ANEMOGRAPH	Station: Khor Musa	
Ground Level: 6 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°00' N.	Long: 45°02' E



Velocity Key

C	Calm
	1 – 10 Knots
	11 – 16
	17 – 21
	22 – 33
	> 34

Direction Key



Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks:

Met. Form 6

MEAN SEA LEVEL PRESSURE (QFF) MB

Date	Masjid-i-Sulaiman			Agha Jari			Gach Saran			Kut Abdullah		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1022.7	1023.1	1023.2	1023.2	1024.5	1024.0	1019.8	1020.8	1021.3	1022.8	1024.4	1023.5
2	1024.5	1023.7	1024.2	1025.5	1025.6	1024.5	1022.7	1022.5	1021.8	1024.7	1024.7	1023.7
3	1022.5	1020.6	1019.0	1024.3	1021.9	1020.9	1020.7	1018.5	1017.4	1023.6*	1022.3*	1020.4
4	1018.1	1018.5	1017.8	1019.2	1019.2	1018.6	1016.0	1016.2	1015.6	1018.8	1019.0	1018.5
5	1017.2	1016.1	1016.6	1018.1	1017.5	1018.0	1015.0	1014.5	1014.6	1018.0	1016.6	1017.5
6	1018.7	1020.3	1020.2	1021.3	1022.7	1023.2	1016.6	1018.7	1020.1	1020.0	1021.8	1022.5
7	1024.3	1024.6	1023.9	1024.9	1025.5	1024.5	1022.2	1021.4	1021.7	1024.7	1024.9	1023.9
8	1024.1	1021.8	1021.2	1024.0	1023.9	1022.0	1021.4	1019.7	1019.8	1023.6	1022.9	1021.4
9	1021.3	1020.7	1020.6	1022.3	1021.9	1021.0	1019.6	1018.3	1019.1	1021.9	1021.5	1020.7
10	1021.9	1022.4	1023.0	1023.1	1014.2	1023.4	1020.4	1020.2	1020.8	1023.1*	1024.3*	1023.1
11	1022.6	1022.7	1021.8	1023.6	1023.9	1022.4	1021.1	1020.8	1020.2	1022.7	1023.6	1022.2
12	1022.6	1023.3	1023.5	1024.1	1025.0	1024.8	1020.7	1020.7	1021.8	1022.7	1024.7	1024.8
13	1025.9	1025.1	1015.6	1027.9	1026.9	1026.3	1024.4	1023.1	1021.1	1025.8	1026.3	1025.8
14	1023.4	1021.5	1020.7	1024.6	1023.7	1021.5	1021.5	1019.2	1019.8	1023.7	1022.6	1020.7
15	1018.9	1018.7	1020.5	1019.7	1021.3	1021.8	1016.2	1017.2	1018.5	1018.7	1019.9	1020.4
16	1022.9	1022.7	1023.7	1024.0	1023.7	1024.6	1020.8	1020.4	1021.8	1023.0	1023.3	1023.2
17	1024.0	1022.8	1020.6	1025.3	1024.1	1022.9	1022.6	1021.5	1020.4	1023.7*	1023.2*	1020.5
18	1015.8	1012.9	1010.3	1017.3	1014.5	1012.5	1016.3	1014.4	1013.0	1015.8	1012.8	1010.4
19	1019.4	1021.0	1023.8	1019.2	1023.2	1025.3	1011.0	1015.6	1018.7	1019.0	1022.9	1025.0
20	1026.0	1026.0	1026.0	1028.9	1028.6	1027.8	1024.1	1023.6	1024.8	1027.4	1027.3	1027.0
21	1028.2	1028.5	1028.0	1028.4	1029.5	1028.9	1026.2	1026.0	1026.4	1028.4	1029.4	1028.0
22	1026.6	1025.7	1024.4	1028.3	1028.4	1026.4	1024.5	1023.4	1023.7	1027.4	1027.3	1025.3
23	1024.0	1025.0	1024.4	1025.4	1026.8	1025.7	1022.8	1022.2	1023.3	1025.0	1025.4	1024.7
24	1024.9	1025.1	1024.3	1026.6	1027.2	1025.4	1023.6	1023.3	1023.3	1024.4*	1024.2*	1024.3
25	1023.5	1023.1	1021.5	1025.2	1024.8	1021.7	1022.4	1020.4	1019.4	1024.2	1023.8	1021.2
26	1021.7	1021.9	1021.4	1023.4	1023.7	1022.5	1020.8	1019.9	1020.7	1022.4	1022.9	1022.1
27	1023.2	1023.6	1023.8	1024.7	1025.9	1024.7	1021.8	1021.5	1022.2	1024.0	1025.2	1024.7
28	1024.3	1024.7	1023.1	1026.6	1026.4	1024.1	1023.2	1022.3	1021.1	1025.5	1025.3	1023.1
29	1023.4	1024.8	1025.0	1025.0	1026.1	1025.1	1022.2	1021.8	1023.0	1024.0	1025.6	1025.0
30	1026.9	1027.6	1026.6	1027.6	1029.3	1027.9	1025.2	1025.3	1026.0	1027.4	1028.6	1027.6
31	1027.4	1027.1	1025.7	1028.3	1028.3	1026.0	1027.0	1025.9	1024.3	1027.3*	1027.3*	1025.2
AV.	1023.3	1022.6	1022.1	1024.2	1024.1	1023.5	1021.1	1020.6	1020.8	1023.4	1023.7	1022.8

Date	Abadan			Bandar Mashur			Kharg Island			Sheikh Shu'aib		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1023.0	1024.3	1023.6	1022.2	1023.6	1022.5	1021.4	1022.7	1021.9	1019.1	1018.4	1019.0
2	1024.9	1024.7	1024.1	1024.6	1024.3	1023.4	1023.6	1023.7	1022.8	1021.0	1020.6	1020.2
3	1023.5*	1022.1*	1020.2	1023.5	1021.1	1020.0	1021.5	1019.6	1019.1	1019.9	1018.1	1017.4
4	1018.7	1019.4	1018.7	1018.4	1018.5	1017.8	1017.2	1017.4	1016.9	1016.5	1016.4	1016.1
5	1018.5	1018.4	1018.8	1017.3	1016.7	1017.8	1016.1	1015.4	1016.5	1015.0	1014.4	1014.7
6	1020.6	1022.9	1023.3	1020.3	1022.0	1022.5*	1019.9	1021.5	1022.3	1016.3	1017.7	1019.5
7	1025.1	1025.6	1024.6	1024.6	1024.5	1023.3	1023.7	1024.1	1023.2	1022.0	1021.8	1021.4
8	1024.0	1023.5	1021.6	1023.2	1022.5	1020.9	1022.4	1022.3	1021.5	1021.1	1021.0	1020.5
9	1021.8	1022.5	1021.7	1021.8	1021.3	1020.1*	1021.0	1021.1	1020.3	1020.3	1020.5	1019.9
10	1023.0*	1024.4*	1023.3	1022.3	1023.6	1022.4	1021.3	1022.7	1022.0	1021.3	1021.5	1021.6
11	1023.6	1024.2	1022.6	1022.9	1023.2	1021.8	1021.7	1022.3	1021.3	1021.3	1021.1	1020.8
12	1024.4	1024.8	1025.3	1023.6	1024.4	1024.3	1022.1	1023.1	1023.6	1020.6	1021.3	1020.8
13	1028.0	1026.9	1026.1	1027.0	1025.9	1025.3	1025.6	1025.7	1024.7	1022.3	1021.8	1021.7
14	1024.7	1022.9	1021.0	1024.2	1022.7	1020.6	1023.2	1022.0	1021.1	1021.7	1021.4	1020.3
15	1019.1	1020.7	1020.6	1018.6	1020.1	1020.5	1018.5	1019.5	1020.5	1018.9	1018.2	1018.5
16	1022.9	1023.7	1023.2	1023.2*	1023.0	1022.6	1022.7	1022.8	1023.0	1019.8	1020.4	1021.0
17	1024.0*	1023.2	1020.4	1024.0	1023.6	1020.8	1023.8	1023.5	1021.4	1022.8	1021.6	1021.0
18	1015.7	1012.2	1010.5	1016.4	1012.8	1011.4	1017.5	1015.1	1012.2	1018.6	1017.9	1016.5
19	1029.3	1024.6	1025.9	1019.1	1022.9	1024.8	1016.3	1021.9	1023.4	1011.8	1012.4	1016.2
20	1029.0	1028.4	1027.9	1028.0	1027.0*	1026.8	1026.5	1026.3	1026.1	1019.7	1020.7	1021.8
21	1029.3	1029.9	1028.8	1026.5	1028.9	1027.8	1027.8	1028.2	1027.2	1024.7	1025.1	1024.3
22	1028.1	1027.9	1026.1	1027.3	1027.2	1025.2	1026.8	1026.7	1025.1	1024.4	1024.4	1023.4
23	1026.1	1026.7	1025.0	1025.3	1025.2	1024.5	1024.7	1025.1	1024.6	1022.8	1022.8	1022.4
24	1026.0*	1026.9*	1025.0	1025.2	1025.7*	1024.5	1024.8	1025.9	1024.5	1022.5	1023.6	1022.3
25	1024.7	1024.4	1021.5	1024.3	1023.7	1021.0	1023.1	1023.5	1020.7	1021.2	1020.9	1019.5
26	1022.9	1023.7	1023.0	1022.6	1022.7	1021.5	1021.3	1022.4	1021.3	1020.2	1019.4	1018.9
27	1024.8	1026.7	1025.9	1023.7	1024.9	1024.1	1022.5	1024.5	1024.0	1019.9	1020.7	1020.1
28	1026.6	1026.0	1023.4	1025.7	1025.7	1023.1	1025.5	1025.7	1023.0	1020.9	1021.8	1020.6
29	1024.5	1026.0	1025.2	1024.1	1025.1	1024.6	1023.4	1024.9	1024.4	1021.4	1021.3	1020.7
30	1028.6	1029.9	1028.5	1027.0	1028.7	1026.9	1025.7	1028.2	1026.6	1021.9	1023.8	1024.1
31	1029.0*	1028.2*	1025.7	1027.5	1027.3	1024.9	1026.9	1027.1	1025.3	1026.5	1026.6	1024.4
Av.	1024.0	1024.4	1023.3	1023.4	1023.5	1022.5	1022.5	1023.1	1022.3	1020.6	1020.6	1020.3

* Values obtained from barograph

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IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

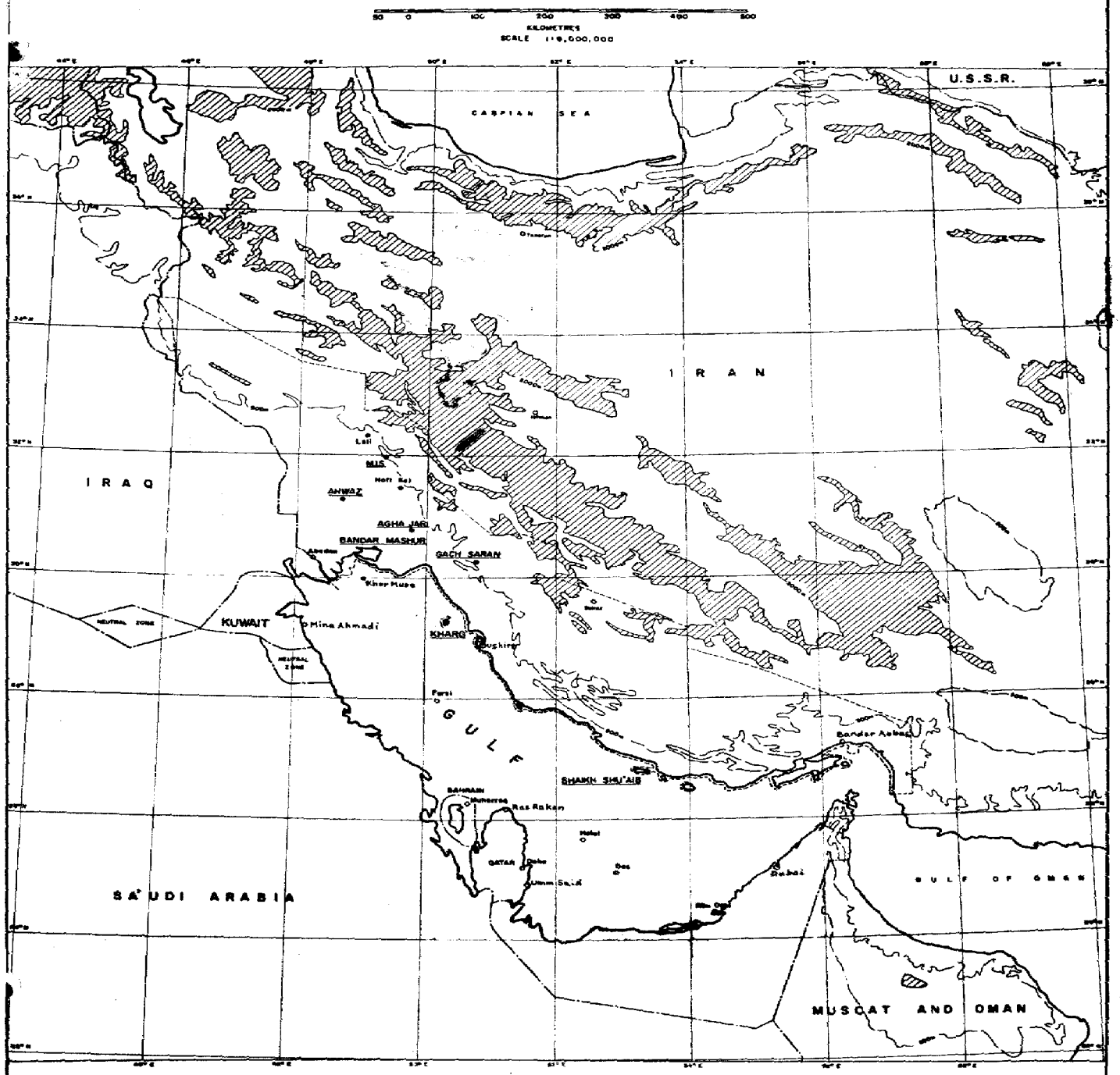
METEOROLOGICAL OBSERVATIONS

for

FEBRUARY 1964

46.

IRANIAN OIL OPERATING COMPANIES' WEATHER STATIONS.



IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month: February Year: 1964

Local Time: G.M.T. + 3½ hrs

Station	Maximum Temperature Monthly Highest °C	Date	Maximum Temperature Monthly Average °C	Minimum Temperature Monthly Lowest °C	Date	Minimum Temperature Monthly Average °C	Ground Min. Temperature Monthly Lowest °C	Date	Ground Min. Temperature Monthly Average °C	Sea Temp. Monthly Average °C	Sun Maximum Temperature Monthly Highest °C	Date	Sun Maximum Temperature Monthly Average °C	Humidity Dew Point Depression at 0930 °C	Humidity Vapour Pressure at 0930 mb	Humidity Rel. Hum. 0630 (avr.) %	Humidity Rel. Hum. 1530 (avr.) %	Humidity Rel. Hum. Daily 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.	Direction degr.	Date
Masjid-i-Sulaiman	25.0	26	19.8	4.1	8	8.8	1.1	8	5.7		63.0	26	52.7	7.1	9.9	70	45	59	59.7	26.9	12	974.7	980.3	1	969.7	13	35	070	2
Agha Jari	28.9	26	22.9	1.7	9	7.9					65.0	23	52.4	9.0	9.5	67	30	48	6.6	5.8	10	1015.2	1021.0	1	1010.4	13	45	170	3
Gach Saran	25.0	25	18.8	-0.9	1	4.9	-1.6	1	3.9		65.2	26	49.3	7.4	8.6	79	36	55	13.7	6.4	13	933.8	938.7	1	928.7	13			
Kut Abdullah	27.6	26	22.2	2.2	9	7.2	-0.5	9	5.6					7.9	9.3	73	33	52	5.6	3.1	4	1015.8	1021.4	1	1011.3	13			
Abadan	28.1	25	22.4	2.0	9	8.5								7.5	10.1	78	33	54	6.9	3.6	29	1017.4	1023.3	1	1012.3	29			
Bandar Mashur	28.0	25	21.2	5.0	1	9.8	3.0	9	8.1					5.1	11.3	80	47	66	9.6	8.4	10	1017.0	1022.8	1	1012.3	13	43	130	3
Kharg Island	25.0	25	19.3	8.5	1	10.4	4.4	1	10.4					4.8	13.6	80	63	73	4.4	1.8	12	1017.1	1022.8	1	1011.6	13	38	350	27
Sheikh Shu'aib	24.5	24	21.8	11.2	8	14.8	6.9	2	13.0	19.4	66.4	25	61.2	4.6	17.3	86	70	78	44.0	19.0	15	1016.9	1023.5	1	1011.0	13	34	120	12
Khor Musa																											37	140	3

NUMBER OF DAYS WITH

Station	Maximum Temperature Monthly Highest 20.0–29.9 °C	Maximum Temperature Monthly Highest 10.0–19.9 °C	Maximum Temperature Monthly Highest < 10.0 °C	Minimum Temperature Monthly Lowest ≥ 45.0 °C	Minimum Temperature Monthly Lowest 40.0–44.9 °C	Minimum Temperature Monthly Lowest 30.0–39.9 °C	Minimum Temperature Monthly Lowest 20.0–29.9 °C	Minimum Temperature Monthly Lowest 10.0–19.9 °C	Minimum Temperature Monthly Lowest 0.0–9.9 °C	Minimum Temperature Monthly Lowest < 0.0 °C	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	Fog. (Vis. ≤ 1 km)	Dust (Vis. ≤ 1 km)	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	13	16	0	0	0	0	0	10	19	0	2	17	9	1	0	0	0	0	0	0	1	10	2	3	4	1	1	9	12	4.1
Agha Jari	27	2	0	0	0	0	0	8	21	0	11	6	11	1	0	0	0	0	0	0	0	2	1	0	1	0	0	7	14	3.4
Gach Saran	8	21	0	0	0	0	0	5	28	1	2	17	9	1	0	0	0	0	0	0	0	7	2	4	1	0	0	9	13	3.8
Kut Abdullah	21	8	0	0	0	0	0	5	24	0	3	11	8	3	0	0	0	4	1	3	0	0	0	2	0	0	0	8	15	3.0
Abadan	24	9	0	0	0	0	0	9	20	0	6	10	6	1	0	0	0	0	0	1	0	2	0	2	0	0	0	7	17	3.2
Bandar Mashur	20	9	0	0	0	0	0	15	14	0	17	10	6	1	0	3	0	1	4	2	1	2	0	1	1	0	0	7	15	3.4
Kharg Island	11	18	0	0	0	0	0	27	2	0	18	13	6	1	0	1	0	0	1	0	0	3	1	2	0	0	0	9	12	3.3
Sheikh Shu'aib	28	1	0	0	0	0	0	29	0	0	3	15	7	0	0	0	0	0	4	2	0	6	0	2	3	1	0	6	16	3.4

Met. Form 2

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Masjid-i-Sulaiman

Ground Level: 362 m. A.M.S.L. Local Time: G.M.T. + 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	7.3	4.1	-1.0	5.7	55	979.3	–	0	7	15	19.2	10.8	0.2	6.2	28	977.7	–	0	7	15	1
2	14.1	8.0	-0.5	5.9	37	975.6	180	9	8	20	16.3	9.0	-0.9	5.7	31	974.4	180	8	8	30	2
3	14.2	10.6	6.9	10.0	61	971.7	060	20	8	25	13.8	10.4	6.8	9.9	63	973.5	–	0	8	60	3
4	14.0	10.8	7.5	10.4	65	974.0	090	7	8	20	16.2	13.2	10.6	12.8	69	975.2	150	6	7	15	4
5	12.0	11.0	10.0	12.4	88	975.1	–	0	3	8	17.6	14.9	12.8	14.8	73	974.9	200	2	6	8	5
6	12.1	11.6	11.1	13.9	94	973.4	–	0	7	10	15.2	11.6	8.1	10.8	62	974.2	–	0	7	25	6
7	5.4	4.8	4.0	8.1	90	975.9	–	0	0	20	14.0	10.5	6.8	9.9	62	976.3	300	4	0	30	7
8	5.6	4.0	1.7	6.9	76	975.8	–	0	0	20	15.6	10.6	5.1	8.8	50	975.2	270	6	0	25	8
9	6.2	4.7	2.5	7.4	77	973.0	–	0	6	20	16.8	11.4	5.7	9.2	48	973.1	150	4	3	30	9
10	14.2	9.2	3.2	7.7	47	970.6	090	6	6	20	14.5	11.1	7.6	10.5	63	971.9	090	2	8	30	10
11	10.4	9.8	9.3	11.8	93	972.1	–	0	7	25	15.5	12.5	9.7	12.1	69	972.9	–	0	7	15	11
12	12.4	12.0	11.6	13.7	95	971.2	–	0	8	3	15.0	13.0	11.3	13.4	78	970.7	–	0	5	12	12
13	8.0	7.5	7.0	10.0	93	968.9	–	0	2	20	15.8	12.2	8.8	11.4	63	969.1	–	0	0	30	13
14	9.6	8.7	7.7	10.5	88	972.0	–	0	5	6	17.5	11.4	4.8	8.6	43	973.0	070	10	2	30	14
15	12.6	8.8	4.3	8.3	57	972.0	280	3	8	30	16.5	11.6	6.5	9.7	51	973.4	270	3	6	20	15
16	8.2	6.3	3.8	8.0	74	974.2	–	0	0	8	17.0	11.9	6.9	10.0	51	977.4	–	0	1	12	16
17	7.4	6.3	4.8	8.7	85	977.9	–	0	1	15	17.6	11.7	5.6	9.1	45	977.8	180	2	7	15	17
18	10.0	7.5	4.4	8.4	68	973.6	–	0	8	20	18.9	11.0	1.6	6.9	31	974.1	180	12	7	20	18
19	9.8	7.6	4.9	8.7	71	972.5	–	0	0	20	19.6	13.2	7.1	10.1	44	972.2	–	0	5	20	19
20	10.0	7.9	5.4	9.0	73	974.3	–	0	0	20	17.6	12.6	7.8	10.3	53	975.9	270	1	1	20	20
21	9.3	7.4	5.1	8.8	75	975.6	–	0	0	15	18.8	11.6	3.5	7.9	36	975.2	300	8	0	25	21
22	9.1	6.6	3.3	7.8	68	973.9	–	0	0	20	19.0	11.2	2.0	7.1	32	973.9	–	0	0	20	22
23	11.0	7.4	2.7	7.5	57	971.4	–	0	7	20	20.2	11.8	2.1	7.2	30	970.6	150	6	7	20	23
24	13.3	9.5	5.3	8.9	58	970.6	–	0	2	30	22.0	13.2	4.0	8.2	31	972.2	150	6	1	30	24
25	11.7	9.4	6.7	9.9	72	974.1	–	0	5	20	22.8	14.0	5.4	9.0	32	974.2	300	5	2	15	25
26	17.0	11.0	4.4	8.4	43	972.4	–	0	5	20	23.0	13.3	2.9	7.6	28	973.2	330	8	4	30	26
27	8.8	5.5	0.6	6.4	56	973.6	–	0	6	15	19.2	10.2	-1.9	5.2	24	974.7	–	0	0	25	27
28	9.0	6.0	1.9	7.1	61	973.0	–	0	2	30	21.6	13.3	4.7	8.6	33	973.2	–	0	2	30	28
29	15.2	11.6	8.1	10.8	63	973.2	250	6	8	15	13.5	11.8	10.2	12.5	81	970.4	080	20	8	20	29
30																					30
Av.	10.6	8.1	5.1	9.0	70	973.5	–	2	4	18	17.6	11.9	5.7	9.4	48	973.8	–	4	4	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: February Year: 1964

Station: Masjid-i-Sulaiman

Ground Level: 362 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
14.8	9.8	4.0	8.2	49	976.0	–	0	7	30		20.8	5.4	1.7	53.0	220	8	0	Cloudy	1
15.0	10.8	6.3	9.6	56	973.5	060	20	8	40		18.2	9.0	6.1	48.2	070	35	1.0	Rain	2
13.1	10.4	7.6	10.6	70	970.6	–	0	8	30		16.3	11.2	9.4	46.3	070	32	5.8	Rainsh.	3
15.3	13.6	12.2	14.2	82	974.2	–	0	4	12		18.4	10.2	9.5	48.2	110	33	9.2	"	4
16.2	14.3	12.8	14.8	80	972.2	–	0	3	20		20.1	11.0	9.0	53.2	140	14	0	Mist	5
12.4	9.5	6.3	9.6	67	974.5	310	5	0	25		17.2	10.2	10.0	51.9	270	13	Tr.	Rainsh.	6
13.0	8.5	2.7	7.5	50	975.5	300	3	0	30		16.3	4.8	1.4	51.6	280	16	0	Clear	7
13.2	9.3	4.8	8.6	57	974.6	300	2	0	40		17.8	4.1	1.1	50.6	260	11	0	"	8
15.0	10.0	4.4	8.4	50	970.7	–	0	0	40		18.8	5.3	1.7	51.0	170	16	0	Fair	9
11.0	10.4	9.8	12.2	93	970.6	300	2	8	30		16.8	10.2	8.1	43.5	150	21	5.1	Rainsh.	10
14.2	11.5	8.9	11.5	71	971.3	090	8	6	20		17.4	9.6	8.1	50.2	070	22	1.8	Rain	11
10.0	10.0	10.0	12.3	100	969.2	–	0	8	20		19.8	9.3	9.4	54.5	100	22	26.9	Th.storm	12
16.1	12.4	9.0	11.5	63	968.8	270	5	2	30		18.4	7.4	5.6	51.2	060	16	6.9	Fair	13
16.0	10.2	3.2	7.7	43	972.3	300	5	8	30		20.4	8.3	5.6	58.0	040	20	0	Mist	14
14.0	10.4	6.6	9.8	61	972.3	–	0	2	50		18.2	10.3	4.4	53.4	020	15	0	Cloudy	15
14.4	10.7	6.8	9.9	60	976.6	300	2	2	15		18.2	7.0	4.3	54.3	260	8	0	Haze	16
17.0	10.5	2.8	7.5	39	974.7	180	6	4	30		19.8	6.9	3.8	52.2	200	5	0	P.Cloudy	17
14.6	10.8	6.8	9.9	60	973.1	–	0	8	15		20.0	7.6	6.1	55.6	240	21	0.8	Rainsh.	18
12.5	9.6	6.4	9.6	66	971.2	–	0	5	30		20.2	8.6	4.9	53.2	050	14	0.2	P.Cloudy	19
16.4	11.5	6.4	9.7	52	973.6	–	0	1	25		19.7	9.0	5.8	54.6	260	15	0	Fair	20
18.0	11.0	2.7	7.5	36	974.1	–	0	0	30		21.2	8.0	4.4	54.8	290	20	0	Clear	21
18.3	11.3	3.3	7.8	47	971.3	–	0	0	40		23.5	6.4	3.9	57.8	070	9	0	"	22
20.4	12.4	3.8	8.0	33	968.1	–	0	5	40		22.4	9.4	5.6	59.5	110	13	Tr.	Rain	23
20.2	14.1	8.6	11.2	47	971.6	180	9	0	10		23.8	12.3	5.6	61.2	170	19	0	Haze	24
20.4	12.7	6.7	8.6	36	972.8	–	0	0	40		24.3	10.5	6.7	57.0			0	P.Cloudy	25
19.2	11.0	1.1	6.6	30	972.5	300	8	5	30		25.0	14.1	6.7	63.0	290	25	0	"	26
18.0	12.0	5.8	9.3	45	973.2	280	5	0	30		20.7	7.8	3.6	54.0	240	11	0	Haze	27
18.2	13.6	9.5	11.9	57	971.1	–	0	6	40		22.5	7.7	3.6	54.0	210	12	0	P.Cloudy	28
14.0	11.0	8.0	10.8	67	968.1	060	15	7	20		18.2	12.2	9.0	34.0	070	34	2.0	Rain	29
																			30
15.6	11.2	6.5	9.8	57	972.4	–	3	4	29										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

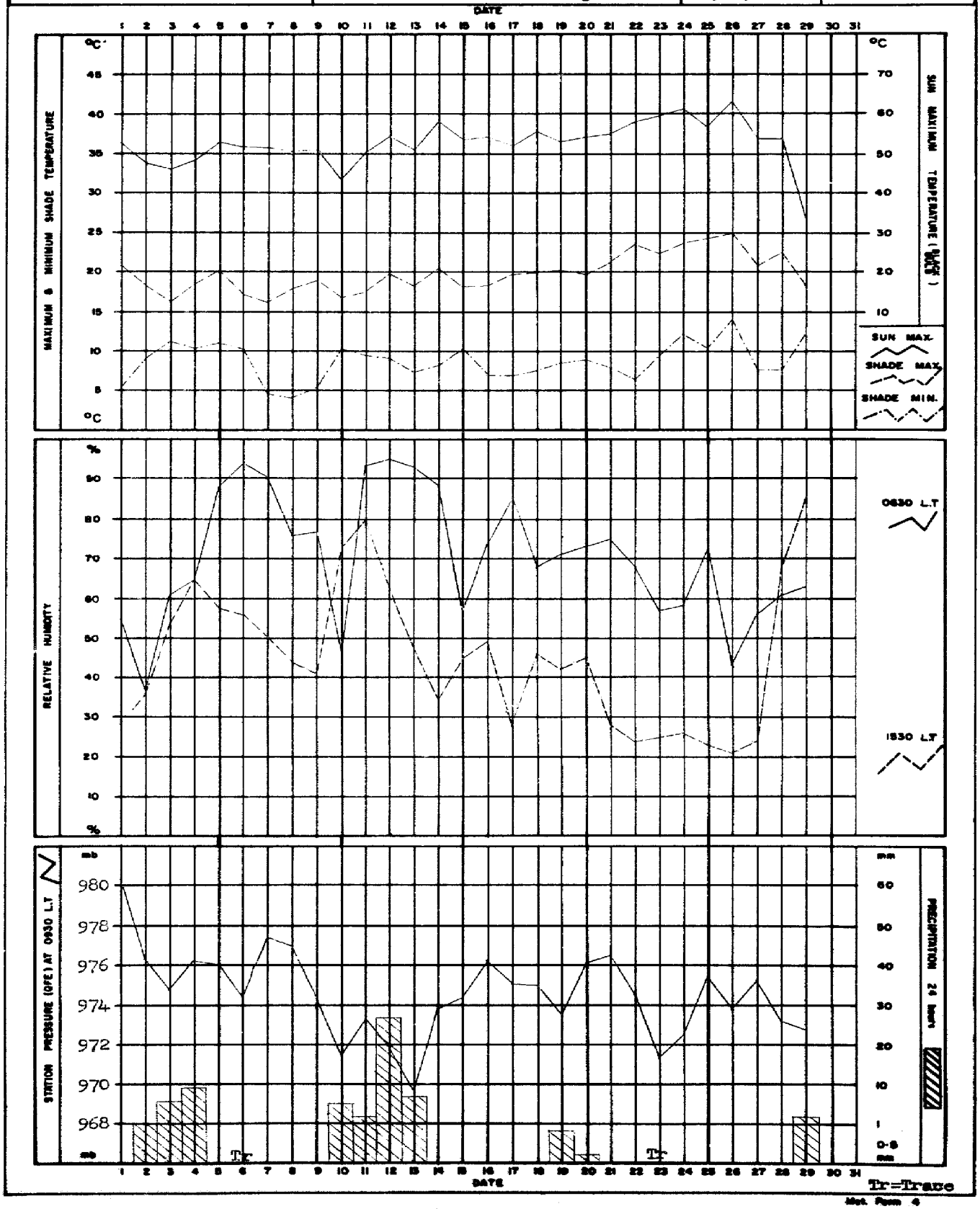
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th.storm: Thunderstorm at or near the station

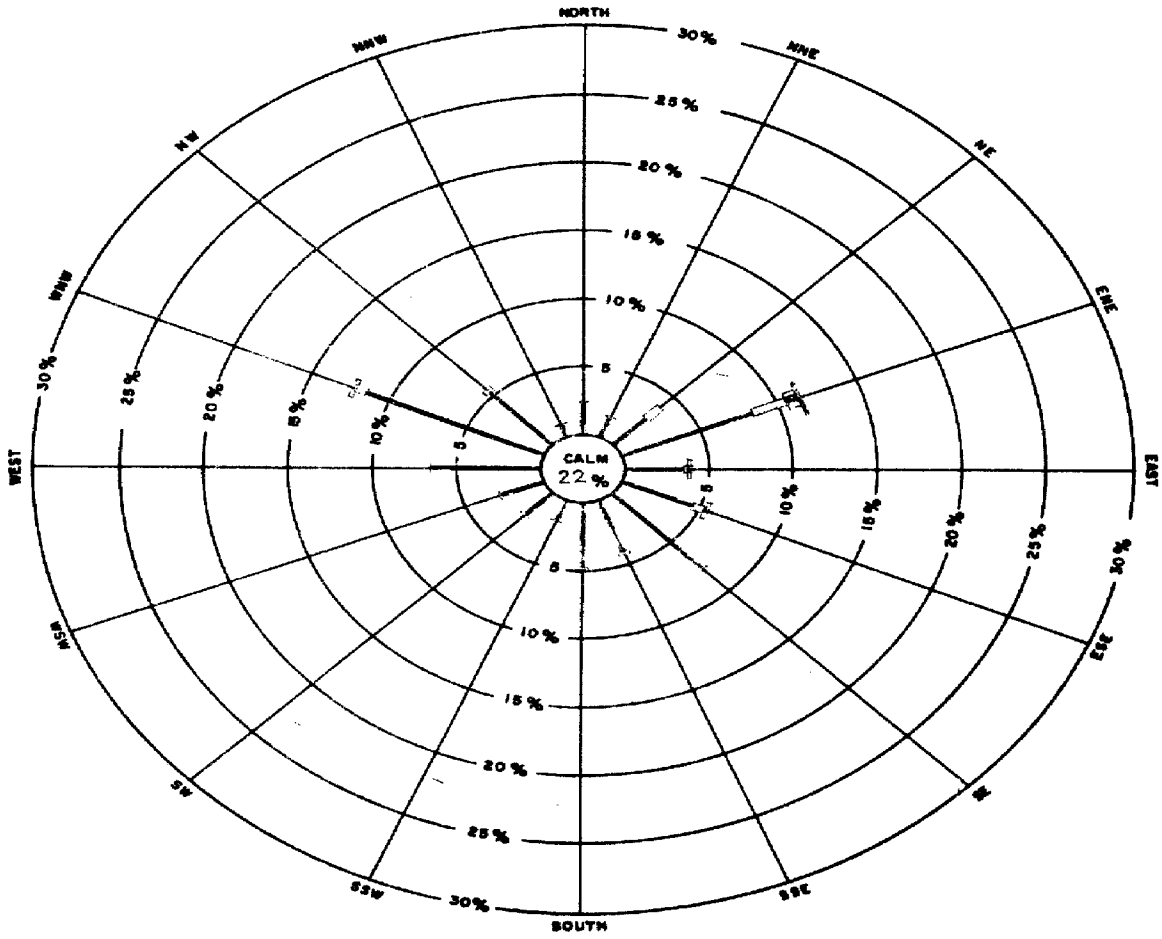
Met. Form 3a

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: February	Year: 1964
		Station: Masjid-i-Sulaiman	
Ground Level: 362 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 31°59' N.	Long: 49°16' E



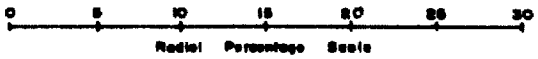
Met. Form 4

IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: February	Year: 1964
	Compiled from Wind Records Summary	Station: Masjid-i-Sulaiman	
Ground Level: 362 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 31°59' N.	Long: 49°16' E



Hours in month 696

Hours recorded 686



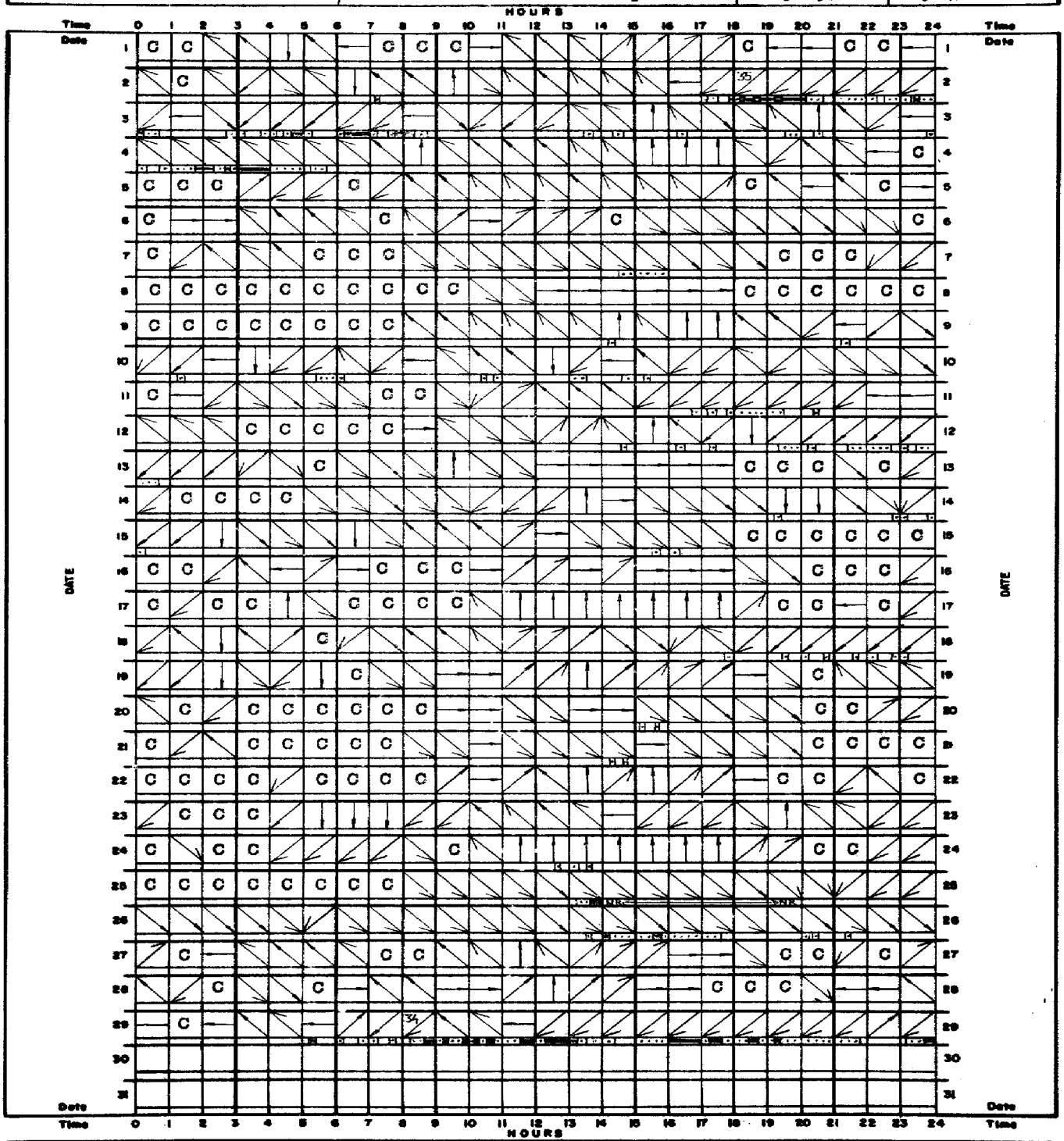
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 8

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: February	Year: 1964
	DINES ANEMOGRAPH	Station: Masjid-i-Sulaiman	
Ground Level: 362 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 31°59' N	Long: 49°16' E



Velocity Key	Direction Key	Example:
C Calm	N, NE, E, SE, S, SW, W, NW	From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.
1 – 10 Knots		
11 – 16		
17 – 21		
22 – 33		
> 34		

Remarks:

Met Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Agha Jari

Ground Level: 29 m. A.M.S.L. Local Time: G.M.T. + 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	4.2	0.8	-5.9	3.8	46	1021.1	-	0	4	20	15.0	8.7	-4.2	4.4	26	1019.4	140	4	6	30	1
2	7.2	3.2	-3.5	4.5	44	1015.6	140	7	8	20	18.7	11.0	2.0	7.1	33	1015.7	140	9	8	30	2
3	11.7	8.5	4.5	8.5	62	1013.7	-	0	8	20	21.3	12.5	2.8	7.5	30	1014.0	150	35	8	5	3
4	14.8	12.5	10.4	12.7	75	1014.9	090	16	8	10	21.0	15.0	10.0	12.3	50	1015.4	140	5	8	6	4
5	11.4	9.1	6.5	9.7	72	1015.6	-	0	4	20	23.1	17.0	12.5	14.5	51	1014.8	150	12	5	10	5
6	13.4	12.2	11.1	13.3	86	1013.8	-	0	8	6	18.2	14.8	12.1	14.1	67	1014.9	350	6	3	8	6
7	5.3	3.5	0.7	6.5	73	1017.2	-	0	0	20	17.4	11.1	4.1	8.2	41	1017.3	320	4	0	30	7
8	3.6	2.1	-0.6	5.9	74	1016.9	-	0	0	30	15.7	10.4	4.4	8.4	47	1018.3	310	2	0	40	8
9	2.5	0.2	-3.9	4.4	60	1014.4	-	0	2	40	17.7	10.5	1.7	7.0	35	1015.2	-	0	5	40	9
10	11.6	8.1	3.9	8.1	59	1011.0	140	6	2	30	16.3	12.4	8.7	11.3	61	1014.2	180	15	8	15	10
11	11.4	10.4	9.4	11.8	88	1012.1	-	0	4	30	19.4	16.7	14.8	16.9	75	1013.1	140	10	5	30	11
12	12.5	12.0	11.6	13.7	94	1011.7	-	0	6	30	18.0	15.9	14.9	16.4	80	1011.5	-	0	8	15	12
13	10.4	9.2	7.9	10.7	85	1008.9	-	0	1	20	19.7	14.5	10.2	12.4	54	1009.4	320	5	1	30	13
14	7.5	5.9	3.9	8.1	78	1012.0	-	0	2	30	23.3	12.7	0.1	6.2	22	1012.3	340	2	1	40	14
15	10.6	9.0	7.3	10.3	80	1012.8	-	0	8	20	19.8	12.6	5.2	8.9	38	1013.1	320	2	8	40	15
16	7.7	6.1	4.0	8.2	78	1015.7	-	0	0	30	17.4	12.0	6.9	9.8	49	1018.4	-	0	0	8	16
17	6.5	4.0	0.1	6.2	64	1019.1	-	0	0	10	18.9	11.0	1.6	6.8	31	1018.9	-	0	0	8	17
18	8.9	5.8	1.2	6.7	59	1014.9	270	6	3	30	20.9	12.2	2.3	7.3	29	1014.3	150	26	5	30	18
19	10.1	7.9	5.3	8.9	72	1012.5	130	5	1	30	22.7	14.7	7.5	10.4	38	1012.1	150	7	2	40	19
20	9.6	8.2	6.7	9.8	82	1014.7	-	0	0	40	20.2	14.8	10.3	12.6	53	1015.5	-	0	2	30	20
21	7.6	5.4	2.2	7.2	69	1015.8	-	0	0	20	20.5	13.0	5.3	9.0	37	1015.8	-	0	0	25	21
22	7.5	4.2	-1.0	5.7	55	1014.7	-	0	0	30	22.8	12.2	-0.7	5.8	21	1013.9	-	0	0	30	22
23	9.8	6.5	2.1	7.1	58	1011.3	-	0	5	30	25.4	13.9	1.2	6.7	21	1010.3	140	14	3	40	23
24	12.0	8.6	4.5	8.5	60	1010.6	-	0	0	30	25.6	13.7	0.2	6.2	19	1012.5	180	18	0	40	24
25	10.9	8.7	6.2	9.5	73	1013.4	-	0	4	30	27.5	14.5	0.0	6.1	17	1013.4	320	4	3	40	25
26	11.5	7.0	0.7	6.5	48	1011.3	-	0	2	30	26.4	14.4	1.5	6.8	20	1011.9	360	12	4	30	26
27	8.7	5.2	0.0	6.1	54	1015.8	320	4	2	20	18.7	10.9	1.6	6.9	32	1016.2	320	2	2	40	27
28	5.5	2.0	-4.4	4.3	48	1013.7	-	0	2	30	22.0	11.2	-3.2	4.8	18	1013.9	-	0	3	40	28
29	13.7	8.3	1.1	6.6	42	1012.0	-	0	8	30	21.4	14.8	9.2	11.6	46	1009.5	140	20	8	30	29
30																					30
Av.	9.9	8.0	5.3	9.2	78	1016.2	-	5	4	16	19.8	12.9	4.4	8.9	40	1016.3	-	11	4	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 3c

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Agha Jari

Ground Level: 29 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
15.5	7.8	-4.2	4.4	25	1017.5	170	5	6	40		20.4	3.5	-2.2	56.7	190	13	0	Cloudy	1
16.6	13.3	10.4	12.7	67	1013.9	140	16	8	30		20.2	5.6		50.0	170	30	0	O-cast	2
19.4	11.6	2.8	7.5	33	1012.0	160	10	8	2		22.5	8.9		53.4	170	45	0	Haze	3
19.4	13.6	8.3	11.0	49	1013.8	150	8	5	12		22.5	14.2		48.1	170	26	0.8	Rain	4
19.8	15.6	12.3	14.4	62	1012.5	160	14	0	10		24.8	10.8		48.9			0	Haze	5
17.8	10.0	-0.1	6.1	30	1014.5	320	15	0	8		20.6	10.5		57.2			0	"	6
16.6	9.2	-0.7	5.8	31	1015.2	320	10	0	30		19.3	4.2		55.6	330	20	0	Clear	7
16.2	9.2	-0.1	6.1	33	1015.4	320	2	0	40		20.0	2.5		56.1	330	23	0	"	8
16.5	9.4	0.0	6.1	32	1011.9	190	6	0	30		21.7	1.7		56.7	130	24	0	P.Cloudy	9
14.2	11.6	9.1	11.6	71	1010.6	120	8	6	30		16.7	8.9		23.3	240	34	5.8	Rain	10
18.0	15.2	13.1	15.1	73	1012.4	180	8	3	30		21.7	10.6		27.8	190	22	Tr.	"	11
17.0	14.2	12.0	14.0	72	1009.5	180	2	3	30		20.7	11.5		55.6	170	25	0	Mist	12
19.8	12.6	5.2	8.9	38	1009.0	320	8	2	30		22.6	8.6		57.2	320	19	0	Fair	13
21.8	12.5	2.1	7.1	27	1011.7	320	8	8	40		24.4	7.0		56.7	350	15	0	P.Cloudy	14
18.0	12.1	6.2	9.5	46	1012.7	330	26	8	6		22.6	10.4		56.0	320	33	0	Haze	15
19.0	10.9	1.0	6.6	30	1017.2	310	8	2	30		21.0	7.2		58.4	310	26	0	"	16
19.3	11.9	3.8	8.0	36	1016.7	-	0	2	40		21.8	4.9		58.4	260	8	0	"	17
18.4	13.0	7.9	10.7	50	1012.7	160	18	4	30		23.0	7.3		52.8	170	29	0	P.Cloudy	18
18.9	13.5	8.6	11.2	51	1012.2	190	16	6	40		22.9	8.9		57.8	180	23	0	"	19
20.5	13.5	6.7	9.9	41	1013.6	320	12	0	40		22.3	8.9		39.7	310	24	0	Fair	20
20.7	11.6	0.6	6.4	26	1014.3	290	7	0	30		24.1	6.6		58.4	310	20	0	Clear	21
22.0	11.7	-1.1	5.6	21	1011.3	230	5	0	40		25.0	5.8		63.8	270	11	0	"	22
21.3	12.7	3.3	7.8	31	1007.9	180	23	5	30		26.9	7.7		65.0	180	31	0	Haze	23
22.4	15.0	8.6	11.2	42	1011.6	180	5	2	30		26.1	8.7		61.2	180	28	0	Fair	24
23.6	13.4	2.2	7.2	25	1011.4	330	4	1	40		28.6	10.0		56.2			0	P.Cloudy	25
23.7	13.1	1.1	6.6	23	1011.5	330	16	0	5		28.9	9.7		57.2			0	Haze	26
20.2	10.5	-2.7	4.9	21	1013.6	290	2	0	40		23.7	7.5		49.4			0	Fair	27
22.5	11.5	-3.1	4.8	18	1011.5	-	0	6	40		24.0	4.6		58.9			0	P.Cloudy	28
22.5	13.2	3.3	7.8	29	1006.0	130	15	5	15		23.9	11.1		23.9	100	32	0	Cloudy	29
																			30
18.4	11.3	3.1	8.2	40	1014.8	-	8	3	17										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

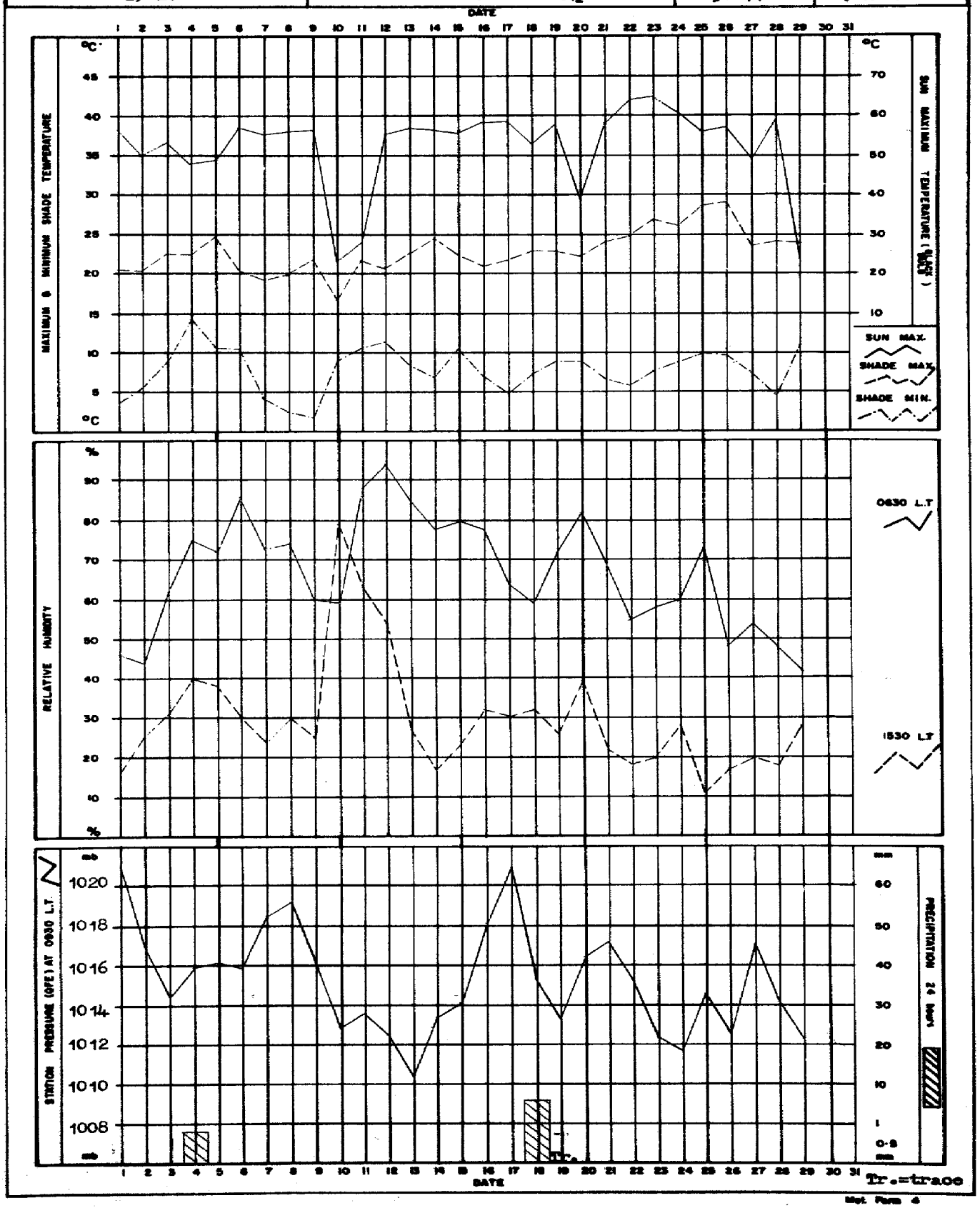
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th. storm: Thunderstorm at or near the station

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: February	Year: 1964
		Station: Agha Jari	
Ground Level: 29 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°44' N.	Long: 49°40' E



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Gach Saran

Ground Level: 709 m. A.M.S.L. Local Time: G.M.T. + 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	0.1	-1.5	-4.7	4.3	70	938.1	–	0	0	20	15.8	7.7	-5.0	4.0	22	936.4	120	4	7	30	1
2	2.9	0.6	-3.6	4.5	60	934.5	–	0	6	20	16.5	7.7	-6.7	3.5	19	934.6	150	8	8	30	2
3	10.6	5.2	-3.7	4.5	35	932.4	140	9	6	30	19.5	8.2	-13.9	1.8	8	934.2	180	12	7	30	3
4	12.0	9.4	6.5	9.7	69	934.4	050	8	8	4	10.1	9.2	8.2	10.9	88	935.7	150	10	8	8	4
5	7.7	7.1	6.4	9.6	91	934.6	–	0	5	12	17.6	12.9	8.5	11.1	55	934.5	120	12	7	10	5
6	10.5	9.0	7.4	10.3	81	932.3	110	7	8	10	17.7	13.8	10.4	12.7	62	932.3	140	8	5	12	6
7	4.9	3.7	1.8	7.0	81	933.5	–	0	5	15	13.4	8.0	0.7	6.4	42	933.4	220	9	1	12	7
8	1.6	1.1	0.2	6.2	91	933.8	–	0	0	20	14.6	8.9	1.6	6.8	41	934.3	340	5	0	20	8
9	1.4	0.8	-0.2	6.0	89	931.8	–	0	0	20	16.2	9.1	-0.4	5.9	32	932.6	100	9	6	20	9
10	6.1	4.5	2.2	7.2	77	931.2	110	6	1	20	14.0	8.5	1.3	6.7	42	931.2	130	10	8	20	10
11	9.6	8.6	7.6	10.4	87	931.2	120	4	8	20	16.4	11.5	6.5	9.7	52	932.5	210	8	7	20	11
12	10.8	9.4	8.0	10.7	83	930.5	–	0	7	20	13.0	11.0	9.0	11.5	77	931.9	100	6	8	15	12
13	7.8	7.5	7.2	10.2	96	927.2	–	0	5	20	16.0	11.2	6.3	9.5	52	927.8	--	0	2	30	13
14	4.0	3.6	3.0	7.6	94	931.2	–	0	2	20	17.0	10.6	3.2	7.7	40	931.4	–	0	3	30	14
15	9.8	7.1	3.7	7.9	65	931.5	140	8	7	20	12.5	9.7	6.7	9.8	67	931.3	150	10	8	20	15
16	3.1	2.9	2.7	7.4	97	932.7	–	0	0	14	13.7	9.5	4.6	8.5	54	935.3	270	5	2	16	16
17	2.9	2.5	1.8	7.0	93	936.5	–	0	0	14	15.7	9.2	0.7	6.5	36	936.5	130	10	0	25	17
18	7.0	5.3	3.0	7.6	76	933.7	110	6	7	30	16.6	9.7	0.9	6.5	35	933.5	160	10	4	25	18
19	7.0	6.0	4.7	8.6	86	931.6	–	0	2	20	18.1	10.8	2.1	7.1	34	931.3	150	10	3	20	19
20	4.8	4.5	4.1	8.2	95	932.7	–	0	0	16	16.5	10.0	2.1	7.1	38	932.9	120	3	1	20	20
21	4.3	3.6	2.6	7.4	89	933.7	–	0	0	20	17.1	10.1	1.5	6.8	35	933.8	–	0	0	20	21
22	3.6	2.9	1.8	7.0	89	933.0	–	0	0	20	20.0	11.1	0.0	6.1	26	932.4	140	10	0	30	22
23	5.0	4.0	2.7	7.4	85	930.7	–	0	0	20	20.1	11.1	-0.1	6.0	26	930.8	150	8	1	20	23
24	10.5	7.8	4.4	8.4	66	930.9	–	0	1	15	21.5	11.5	-1.1	5.6	22	932.4	150	5	0	20	24
25	6.4	5.2	3.5	7.9	82	933.0	–	0	3	20	22.8	13.0	2.1	7.1	26	933.4	–	0	0	25	25
26	9.7	7.2	4.1	8.2	68	931.3	–	0	6	20	22.0	12.8	2.6	7.4	28	931.8	140	5	7	20	26
27	7.8	5.0	1.0	6.5	62	932.6	–	0	0	8	17.7	10.2	0.9	6.5	32	933.3	270	8	0	15	27
28	4.1	2.5	-0.1	6.0	73	931.9	–	0	5	20	20.8	9.7	-7.8	3.2	13	932.2	150	12	3	20	28
29	10.5	6.3	0.2	6.2	49	930.2	140	10	8	20	16.8	9.6	0.2	6.2	32	930.9	090	14	8	20	29
30																					30
Avg.	6.4	4.9	2.7	7.6	79	932.5	–	2	3	18	16.9	10.2	1.6	7.2	39	932.9	–	7	4	21	Avg.

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

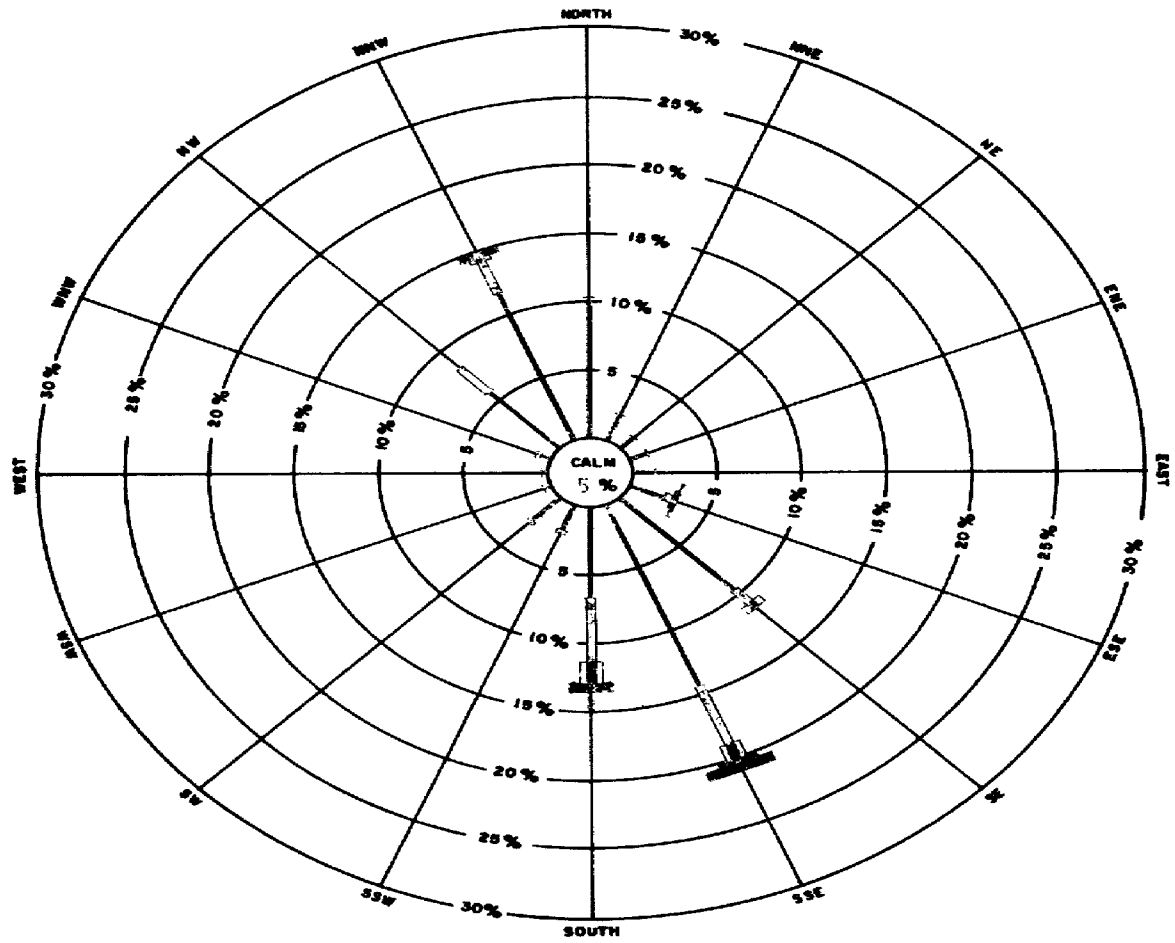
Mist: Visibility reduced by wet particles

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

(Continued)

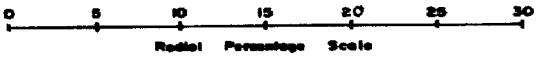
Met. Form 3a

IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: February	Year: 1964
	Compiled from Wind Records Summary	Station: Agha Jari	
Ground Level: 29 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°44' N.	Long: 49°40' E



Hours in month 696

Hours recorded 618



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 cumulative, exclusive of total calm periods, which are shown by figure in centre circle.

Remarks:

Met. Form 5

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Gach Saran

Ground Level: 709 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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		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		
12.8	7.0	-1.4	5.4	37	935.7	–	0	6	30		20.0	-0.9	-1.6	50.2			0	P.cloudy	1
13.6	7.0	-3.1	4.8	31	933.6	–	0	8	30		18.3	2.0	0.4	49.6			0	Cloudy	2
15.0	7.6	-3.5	4.6	27	931.8	130	8	7	30		20.0	8.4	7.2	43.8			0	"	3
10.5	9.0	7.4	10.3	82	934.3	090	5	7	14		16.3	9.4	8.9	22.0			3.2	Rain	4
14.6	11.1	7.6	10.4	63	932.3	140	5	4	14		19.3	6.7	6.0	51.5			0	Mist	5
13.4	11.5	9.7	12.1	79	932.3	270	6	3	6		18.9	8.2	6.9	53.0			0.8	Rain	6
11.1	6.0	-1.8	5.3	40	932.4	270	8	0	20		15.0	3.3	3.0	47.4			0	Fair	7
12.1	6.7	-1.3	5.5	39	932.9	260	8	0	20		17.2	1.0	0.0	49.4			0	Clear	8
13.1	8.0	1.2	6.7	44	930.0	–	0	0	25		18.1	1.0	-0.5	51.4			0	P.Cloudy	9
12.4	8.5	3.8	8.0	55	929.9	130	12	8	20		15.4	3.9	3.1	46.3			0.3	Rain	10
14.7	11.0	7.2	10.2	61	930.9	–	0	5	20		18.0	9.0	8.4	56.8			Tr.	Cloudy	11
9.9	8.7	7.4	10.3	85	928.5	150	15	7	12		14.7	9.0	8.6	22.0			1.0	Rain	12
13.4	8.2	1.3	6.7	44	928.1	270	9	2	30		17.5	6.6	5.6	49.2			6.4	Fair	13
14.5	9.8	4.4	8.4	51	931.0	–	0	6	30		18.6	3.1	2.3	52.0			0	P.Cloudy	14
10.0	8.6	7.1	10.1	82	930.1	290	5	3	20		14.5	7.0	5.7	26.0			1.0	Rain	15
12.8	8.4	3.0	7.6	51	935.0	260	10	1	8		16.0	1.6	0.8	49.0			0	Haze	16
15.0	10.0	4.3	8.3	49	934.7	180	3	0	30		18.5	1.8	0.7	51.0			0	Clear	17
14.6	10.0	4.7	8.6	52	932.1	–	0	5	20		18.1	4.1	2.7	57.4			0	Cloudy	18
15.0	9.7	3.4	7.8	46	931.5	190	5	3	20		18.7	5.4	4.3	53.0			0	P.Cloudy	19
14.1	9.0	2.6	7.4	46	931.7	250	8	0	25		19.0	3.2	2.3	51.3			0	Fair	20
15.2	8.7	0.0	6.1	35	933.1	250	8	0	20		19.5	2.8	2.0	52.3			0	Clear	21
17.0	10.1	1.6	6.9	36	931.1	–	0	0	30		21.7	3.4	2.5	54.0			0	"	22
18.5	10.3	-0.3	6.0	28	928.1	170	8	2	30		22.6	4.0	2.6	57.4			0	Fair	23
19.0	11.5	3.0	7.6	35	931.4	310	5	3	30		23.6	8.1	7.5	55.0			0	"	24
19.0	10.8	0.7	6.4	29	931.7	270	4	6	30		25.0	6.0	4.9	56.0			0	"	25
18.6	10.1	-1.1	5.6	26	930.7	270	6	1	20		24.0	8.6	7.3	65.2			0	P.Cloudy	26
15.0	7.5	-4.0	4.4	26	932.1	260	9	0	20		19.1	5.6	4.9	54.0			0	Haze	27
18.0	9.0	-4.3	4.3	21	931.4	220	6	5	20		22.9	2.6	1.5	56.0			0	P.Cloudy	28
15.2	9.7	3.2	7.7	45	927.8	120	15	7	20		18.0	7.3	6.4	47.5			1.0	Rain	29
																			30
14.4	9.1	2.2	7.4	46	931.6	–	6	3	22										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

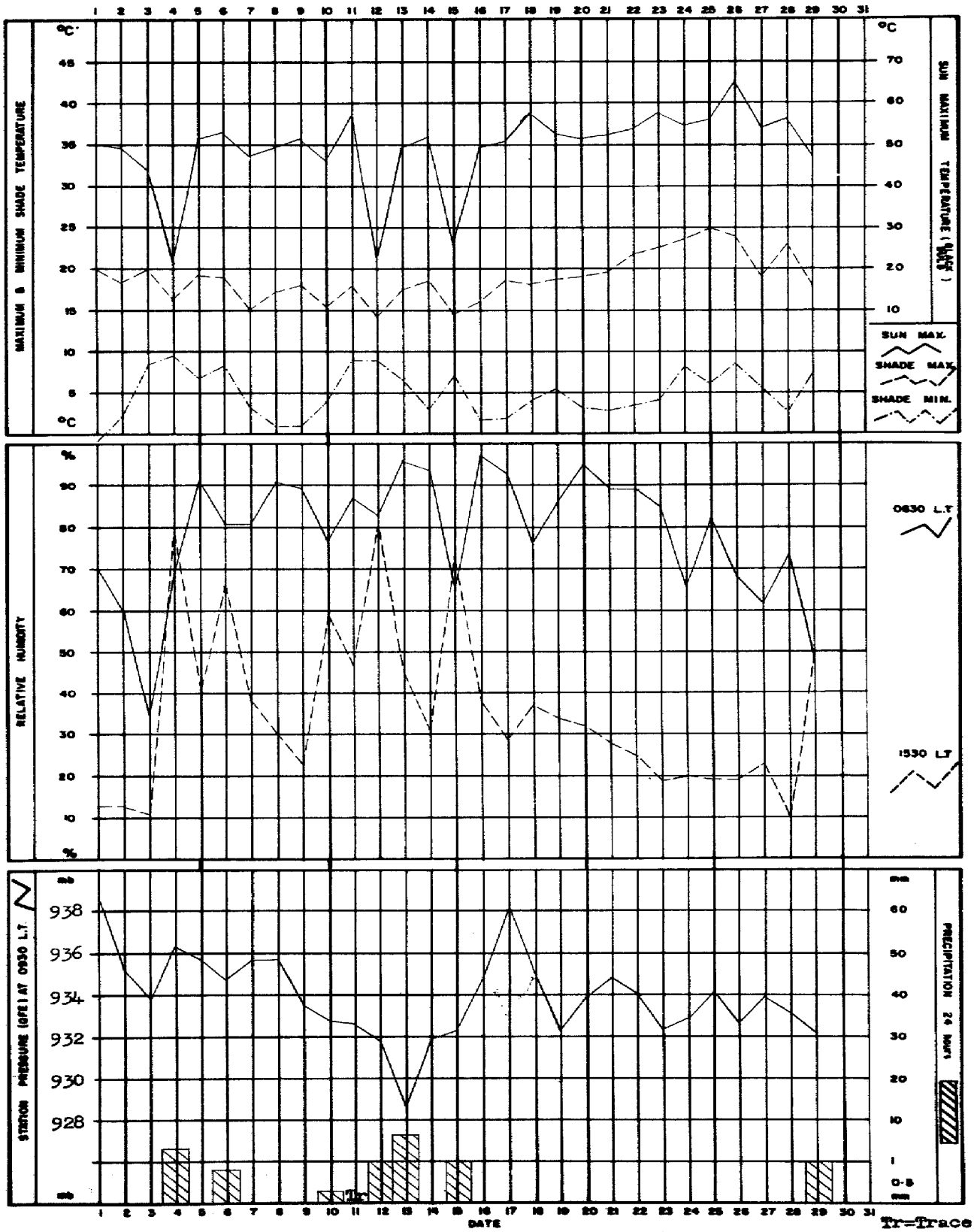
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th. storm: Thunderstorm at or near the station

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: February	Year: 1964
		Station: Gach Saran	
Ground Level: 709 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°20' N.	Long: 50°50' E



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Kut Abdullah

Ground Level: 15 m. A.M.S.L. Local Time: G.M.T. + 3½ hrs Lat: 31° 13' N Long: 48° 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	5.4	2.4	-2.8	4.9	55	1020.9	020	8	8	20	16.7	8.5	-3.8	4.5	24	1019.9	190	5	4	30	1
2	8.8	4.9	-1.1	5.6	49	1016.2	100	10	8	20	16.4	11.2	5.6	9.3	49	1015.4	120	24	8	8	2
3	11.8	9.3	6.5	9.6	70	1013.0	050	10	6	12	18.8	13.3	8.3	10.9	50	1014.0	130	33	X	0.5	3
4	13.4	11.7	10.0	12.4	81	1015.5	-	0	8	20	19.2	16.7	15.0	17.1	72	1015.8	120	4	6	15	4
5	8.5	8.0	7.5	10.4	94	1016.1	110	8	0	20	20.7	16.7	14.0	16.0	65	1015.3	120	12	1	25	5
6	9.9*		6.8*	9.9*	81*	1014.8*					18.0*		-5.4*	4.0*	19*	1016.0*					6
7	6.2*		3.8*	8.0*	83*	1018.3*					15.4*		5.6*	9.1*	52*	1018.8*					7
8	5.5	4.5	3.0	7.6	84	1018.1	320	14	0	20	16.2	10.2	3.2	7.7	42	1018.7	290	14	0	35	8
9	2.6	1.5	-0.4	5.9	80	1014.7	280	2	1	15	15.4	8.8	0.0	6.1	35	1015.0	020	5	1	30	9
10	9.0	5.9	1.4	6.8	59	1011.6	090	10	7	30	15.2	12.5	10.0	12.3	72	1010.8	130	30	8	15	10
11	8.7	7.6	6.4	9.6	85	1012.8	070	5	0	12	18.8	15.2	12.5	14.5	67	1014.1	070	2	4	12	11
12	8.8	7.2	5.1	8.9	78	1012.4	-	0	7	30	21.3	13.8	6.7	9.8	38	1011.3	060	6	3	25	12
13	9.2	8.0	6.7	9.8	84	1009.6	-	0	1	15	19.0	13.8	9.2	11.5	53	1010.8	320	4	0	30	13
14	10.1*		6.6*	9.8*	79*	1013.1*					20.6*		14.1*	16.1*	66*	1014.5*					14
15	12.0*		6.5*	9.7*	69*	1013.5*					20.3*		6.6*	9.8*	41*	1014.8*					15
16	8.0	6.3	4.1	8.2	76	1016.2	320	12	0	20	17.7	11.5	4.8	8.6	42	1019.2	290	10	0	30	16
17	4.6	2.7	-0.5	5.8	69	1019.7	290	4	0	20	17.8	11.2	3.9	8.1	39	1019.5	-	0	2	30	17
18	7.2	5.0	1.7	6.9	69	1015.6	100	10	1	15	21.0	11.4	-1.1	5.6	22	1014.4	150	20	3	8	18
19	6.7	4.8	2.1	7.0	72	1013.1	070	6	0	25	21.4	14.2	7.6	10.4	41	1012.9	120	4	2	35	19
20	8.4	8.2	8.1	10.5	97	1015.6	120	4	X	0.0	18.5	15.0	12.2	14.2	68	1016.7	200	4	1	15	20
21	7.3*		3.0*	7.6*	74*	1017.2*					21.5*		2.3*	6.7*	26*	1017.2*					21
22	7.0	4.5	0.8	6.6	65	1014.9	310	7	0	20	22.5	12.7	1.6	6.9	25	1014.4	-	0	0	30	22
23	8.6	5.7	1.8	7.0	62	1012.5	010	4	6	20	22.8	12.2	-0.9	5.8	21	1010.2	100	18	4	30	23
24	9.8	7.6	3.3	7.8	65	1010.7	100	5	0	8	21.8	16.5	13.0	15.0	59	1013.0	190	12	0	15	24
25	9.2	6.6	3.2	7.7	65	1014.8	020	4	0	20	25.7	14.7	3.5	7.8	24	1014.5	030	10	1	25	25
26	11.7	7.3	1.1	6.6	49	1012.9	360	6	3	20	26.3	14.0	0.0	6.1	18	1013.1	010	10	1	25	26
27	6.8	5.0	2.4	7.2	74	1016.4	270	8	5	20	18.3	10.7	1.5	6.9	33	1016.6	310	12	0	20	27
28	8.8*	.	4.6*	8.5*	75*	1014.1*					20.4*		-2.9*	4.8*	20*	1014.7*					28
29	13.6	11.1	8.7	11.3	72	1012.0	020	10	8	20	16.4	12.8	9.6	11.6	65	1010.0	050	14	8	20	29
30																					30
Av.	11.1	6.3	3.8	8.2	73	1014.2	-	6	3	18	19.4	12.9	4.4	8.9	40	1016.3	-	11	4	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)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964
Station: Kut Abdullah

Ground Level: 15 m. A.M.S.L. Local Time: G.M.T. + 3½ hrs Lat: 31°13' N Long: 48°40' E.

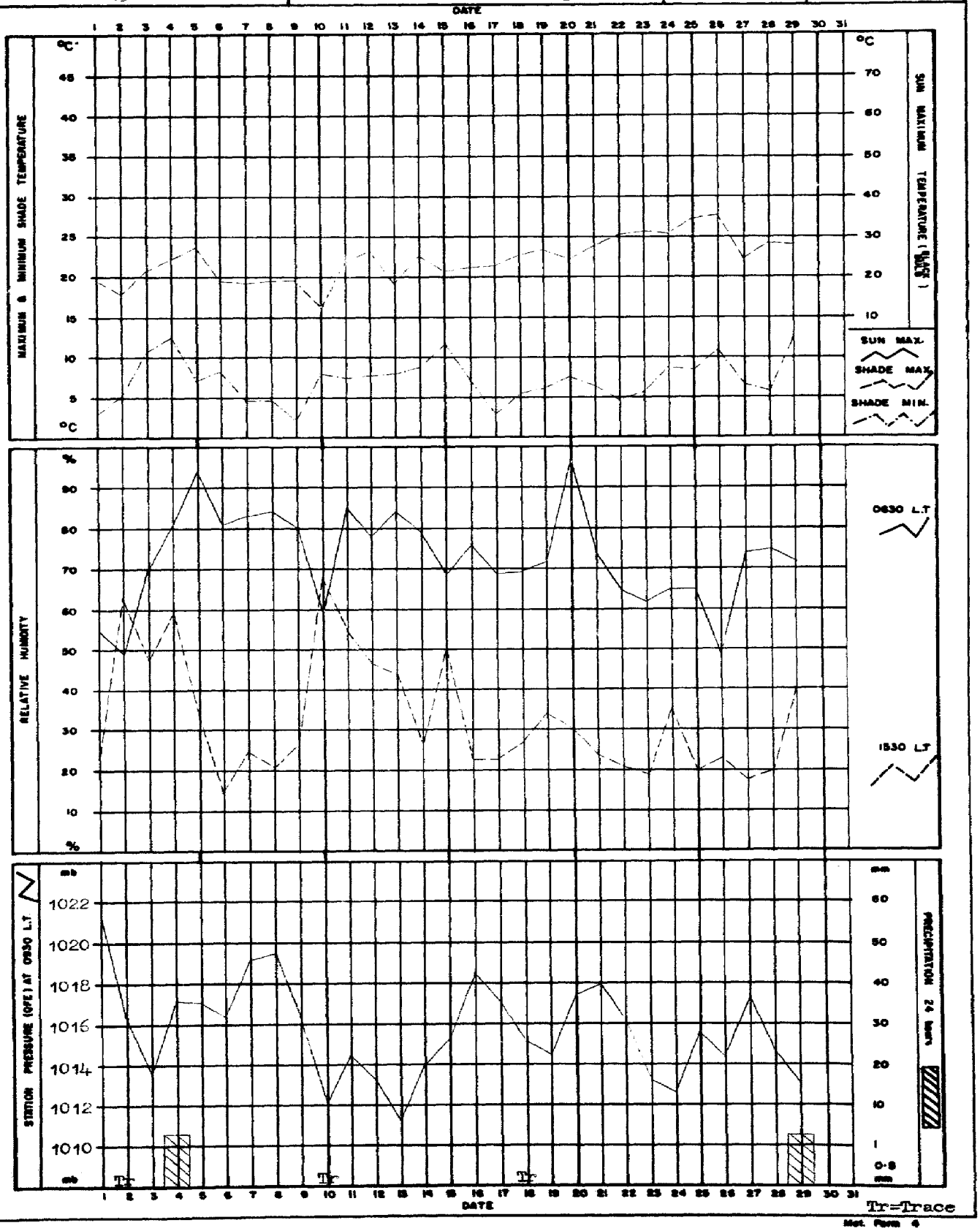
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830-1830)	Remarks	Date
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		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		
13.2	7.0	-2.2	5.1	33	1017.1	120	8	7	30		19.5	3.0	1.5				0	Cloudy	1
15.0	10.5	5.6	9.2	54	1014.7	110	14	6	6		18.0	5.1	4.8				Tr.	Rainsh.	2
18.0	13.2	8.9	11.3	55	1011,6	150	35	X	1		21.0	10.7	10.2				0	Sandst.	3
18.7	15.7	13.3	15.5	72	1014.8	-	0	1	12		22.3	12.5	11.7				3.1	Rain	4
18.2	14.0	10.3	12.6	60	1013.0	150	8	1	20		23.8	7.3	5.5				0	Fair	5
15.7	9.4	1,3	6.8	37	1016.3	330	10	0	30		19.6	8.3	6.8				0	"	6
15.8	8.7	-1.1	5.6	30	1016.9	310	10	0	30		19.2	4.7	2.6				0	Clear	7
14.8	8.7	0.6	6.4	37	1016.3	320	6	0	40		19.5	4.7	3.3				0	"	8
15.0	9.1	1.7	6.9	41	1012.1	160	6	0	35		19.5	2.2	-0.5				0	Fair	9
13.7	11.4	9.2	11.7	75	1011.4	100	8	7	20		16.5	8.0	7.3				Tr.	Rain	10
18,0	12.6	7.4	10.3	50	1012.4	-	0	0	15		21.8	7.5	5.8				0	Fair	11
17.2	13.7	10.8	12.9	66	1009.8	150	14	2	20		23.2	7.8	5.8				0	P.Cloudy	12
19.2	12.8	6.4	9.7	43	1009.7	320	2	1	20		19.2	8.0	5.4				0	Mist	13
18.6	10.8	1.3	6.7	32	1013.2	350	14	3	12		22.7	8.7	6.6				0	Fair	14
17.0	10.2	2.1	7.1	36	1014.1	300	18	1	10		20.8	11.8	10.5				0	P.Cloudy	15
16.9	9.2	-1.3	5.5	28	1018.4	310	6	2	35		21.3	7.3	6.2				0	Clear	16
18.0	11.8	5.2	8.9	43	1016.3	-	0	1	25		21.5	3.0	1.4				0	Fair	17
16.7	10.0	1.7	6.9	37	1013.7	150	10	6	30		22.8	5.5	3.7				Tr.	Rain	18
19.0	13.0	7.2	10.2	46	1012.4	160	12	2	35		23.5	6.2	4.6				0	Fair	19
19.3	12.2	4.8	8.5	39	1014.9	300	8	1	25		22.2	7.6	6.5				0	Fog	20
20.0	11.7	2.2	7.1	30	1015.1	320	10	0	25		23.8	6.4	5.3				0	Clear	21
19.4	10.6	-0.7	5.8	26	1011.8	120	4	0	25		25.2	4.8	3.5				0	"	22
20.5	11.4	0.1	6.2	26	1008.3	150	15	5	1		25.7	5.7	3.9				0	Sandst.	23
21.8	14.0	6.5	9.7	37	1012.2	280	6	0	25		25.4	8.7	7.0				0	Haze	24
22.0	13.2	4.1	8.2	31	1013.0	020	10	0	35		27.2	8.6	5.8				0	"	25
21.2	12.7	3.3	7.8	31	1013.9	330	15	1	8		27.6	11.0	8.8				0	Sandst.	26
19.4	10.6	-0.7	5.8	26	1014.4	320	6	0	30		22.4	6.6	5.0				0	Haze	27
20.6	12.8	4.7	8.6	35	1011.8	-	0	6	30		24.2	5.8	4.3				0	P.Cloudy	28
19.0	12.4	5.7	9.2	42	1006.6	110	12	7	15		24.0	12.2	10.0				2.5	Rain	29
																			30
18.0	11.5	4.1	8.5	41	1013.3	-	9	2	22										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km
Fog: Visibility ≤ 1km
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: February	Year: 1964
		Station: Kut Abdullah	
Ground Level: 15 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 32°12' N.	Long: 48°20' E



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Abadan

Ground Level: 3 m. A.M.S.L. Local Time: G.M.T. + 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	2.6	0.4	-3.8	4.5	61	1022.6	–	0	6	20	16.8	8.4	-4.3	4.3	22	1021.4	–	0	8	20	1
2	13.0	11.5	10.1	12.4	83	1016.1	150	18	7	15	18.0	13.0	8.3	10.9	52	1016.0	150	20	8	15	2
3	13.0	10.6	8.3	10.9	74	1013.2	160	18	7	15	19.5	15.0	11.4	13.5	59	1012.3	150	35	X	0.1	3
4	12.2	10.2	8.1	10.8	76	1017.0	–	0	7	15	17.0	15.0	13.3	15.5	80	1017.3	180	5	6	15	4
5	8.8	7.6	6.1	9.5	85	1017.4	–	0	3	20	21.6	16.0	11.7	13.8	53	1016.5	160	10	6	15	5
6	10.5*		4.3*	8.4*	66*	1016.8*					18.5*		-1.4*	5.5*	26*	1018.1*					6
7	8.8*		5.2*	8.6*	76*	1020.5*					17.1*		0.7*	6.5*	33*	1020.8*					7
8	8.6	6.0	2.3	7.3	65	1020.4	300	12	0	15	16.6	9.2	-0.6	5.9	32	1021.1	300	15	0	30	8
9	3.6	3.0	2.2	7.3	91	1017.0	–	0	1	20	17.4	10.0	0.7	6.4	32	1016.7	090	5	3	20	9
10	12.4	10.6	8.9	11.4	79	1012.8	140	10	7	10	14.8	13.6	12.7	14.7	87	1013.0	130	15	8	20	10
11	11.6	10.8	10.1	12.3	90	1014.4	–	0	7	15	18.2	14.6	11.7	13.8	66	1015.8	360	5	5	8	11
12	8.3	6.6	4.4	8.4	78	1013.8	–	0	8	20	19.8	13.0	5.6	9.0	37	1012.9	090	6	6	15	12
13	12.8	11.4	10.0	12.4	84	1011.6	090	5	8	15	20.6	15.5	11.4	13.5	56	1012.3	–	0	2	15	13
14						1014.2*										1015.0*					14
15						1014.8*										1017.0*					15
16	10.0	7.6	4.9	8.6	70	1018.7	310	10	0	15	17.4	11.2	4.4	8.4	42	1021.5	290	15	0	20	16
17	6.2	4.6	2.2	7.3	77	1021.8	290	5	0	15	19.2	11.0	1.1	6.6	30	1021.1	–	0	2	30	17
18	9.8	8.0	5.8	9.3	77	1016.8	–	0	5	15	19.6	12.0	3.8	8.0	36	1015.4	160	15	7	15	18
19	8.8	7.4	5.8	9.3	82	1013.9	–	0	2	15	21.2	15.6	11.1	13.3	53	1014.1	140	4	4	20	19
20	7.8	7.2	6.4	9.7	91	1017.1	–	0	3	15	21.0	13.0	4.7	8.7	36	1018.3	360	6	0	15	20
21	9.2*		4.3*	8.4*	72*	1018.7*					19.9*		1.8*	7.0*	30*	1018.5*					21
22	7.5	7.0	6.4	9.7	93	1016.6	–	0	0	20	22.0	11.2	-3.3	4.7	18	1016.1	–	0	0	20	22
23	11.4	8.8	5.8	9.3	70	1012.3	–	0	5	15	22.8	12.7	1.2	6.7	24	1011.1	150	15	5	20	23
24	11.2	10.1	9.0	11.5	87	1011.9	–	0	0	8	23.6	15.6	8.9	11.5	40	1014.0	330	6	0	20	24
25	13.4	9.0	3.8	8.1	53	1015.7	300	8	4	20	25.0	14.4	3.6	8.0	26	1015.7	310	8	1	8	25
26	14.2	7.8	-1.4	5.5	34	1014.1	360	12	2	15	26.4	13.6	-1.6	5.5	16	1015.4	300	14	1	15	26
27	10.6	7.2	2.8	7.5	58	1018.9	320	8	1	15	19.1	10.2	-1.6	5.4	25	1018.4	300	27	0	0.5	27
28	7.6*		3.3*	7.8*	75*	1016.3*					21.7*		-1.3*	5.5*	21*	1016.7*					28
29	12.6	10.8	9.0	11.5	79	1012.8	300	8	8	15	20.0	12.8	5.4	9.1	39	1010.6	040	15	6	15	29
30																					30
Av.	9.9	8.0	5.3	9.2	78	1016.2	–	5	4	16	19.8	12.9	4.4	8.9	40	1016.3	–	11	4	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: February Year: 1964

Station: Abadan

Ground Level: 3 m. A.M.S.L. Local Time: G.M.T. + 3½ hrs Lat: 30°22' N Long: 48°43' E.

Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830-1830)	Remarks	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		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		
14.2	6.0	-9.3	2.8	17	1018.8	190	6	6	20		20.0	2.2					0	Cloudy	1
15.2	12.2	9.4	11.8	70	1015.5	160	15	7	10		18.8	10.0					Tr.	Th.storm	2
17.0	14.5	12.5	14.5	75	1012.8	150	20	8	4		20.1	11.5					0	Sandst.	3
18.2		10.0	12.3	59	1016.2	–	0	6	15		21.9	10.0					Tr.	Rain	4
18.2	12.0	5.6	9.1	44	1014.1	160	6	0	20		24.1	8.6					0	P.Cloudy	5
16.0	9.2	0.3	6.3	35	1017.7	300	10	0	15		20.1	8.8					0	Clear	6
16.6	9.2	-0.7	5.8	31	1019.2	300	10	0	20		19.7	7.0					0	Fair	7
15.0	8.0	-2.1	5.2	31	1018.4	300	6	0	30		18.8	6.5					0	Clear	8
14.2	8.0	-0.7	5.8	36	1013.4	150	10	0	30		19.4	2.0					0	Fair	9
15.2	13.4	11.9	14.0	81	1011.6	120	15	6	20		17.8	10.2					3.3	Rain	10
18.6	12.0	5.0	8.8	41	1013.8	300	6	0	20		21.1	9.8					0	Fog	11
17.0		11.6	13.7	70	1011.2	140	10	4	15		22.2	7.6					0	Cloudy	12
20.0	13.0	6.0	9.4	40	1011.5	–	0	1	20		23.1	8.9					0	P.Cloudy	13
21.0	12.0	1.7	6.9	28	1014.2	360	12	5	20		23.3	10.7					0	"	14
17.0	10.0	1.2	6.7	35	1017.0	290	15	0	15		21.1	13.5					Tr.	Rain	15
18.0		-0.8	5.7	29	1020.7	300	8	2	15		21.2	8.8					0	Haze	16
18.2	11.2	3.3	7.8	37	1018.1	–	0	3	30		22.3	5.5					0	Fair	17
16.4	11.0	5.1	8.8	47	1014.3	150	10	5	15		21.0	8.0					Tr.	Rainsh.	18
19.2	13.6	8.4	11.1	50	1013.9	–	0	3	20		22.6	8.3					0	P.Cloudy	19
20.0	11.2	0.6	6.4	28	1017.0	300	8	0	8		23.3	6.4					0	Mist	20
20.5	9.6	-7.6	3.3	14	1017.1	300	8	0	20		23.8	7.8					0	Clear	21
21.0	11.8	0.8	6.5	26	1013.4	–	0	0	20		25.1	4.6					0	Mist	22
19.2	11.2	1.8	7.0	31	1009.0	140	15	2	20		24.6	8.4					0	P.Cloudy	23
23.4	13.0	1.1	6.7	23	1013.5	290	5	0	20		27.1	9.5					0	Mist	24
25.3	13.8	1.1	6.7	21	1013.4	–	0	2	15		28.1	10.8					0	Haze	25
22.0		3.3	7.7	30	1015.4	320	18	0	1		27.8	13.5					0	Sandst.	26
19.2	10.3	-1.5	5.4	24	1016.2	300	8	0	5		21.8	9.5					0	"	27
20.2	11.4	0.8	6.5	27	1013.4	–	0	6	15		24.1	6.8					0	P.Cloudy	28
17.8	14.6	12.0	14.1	69	1007.8	050	10	6	20		23.9	10.3					3.6	Rain	29
																			30
18.4	11.3	3.1	8.2	40	1014.8	–	8	3	17										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

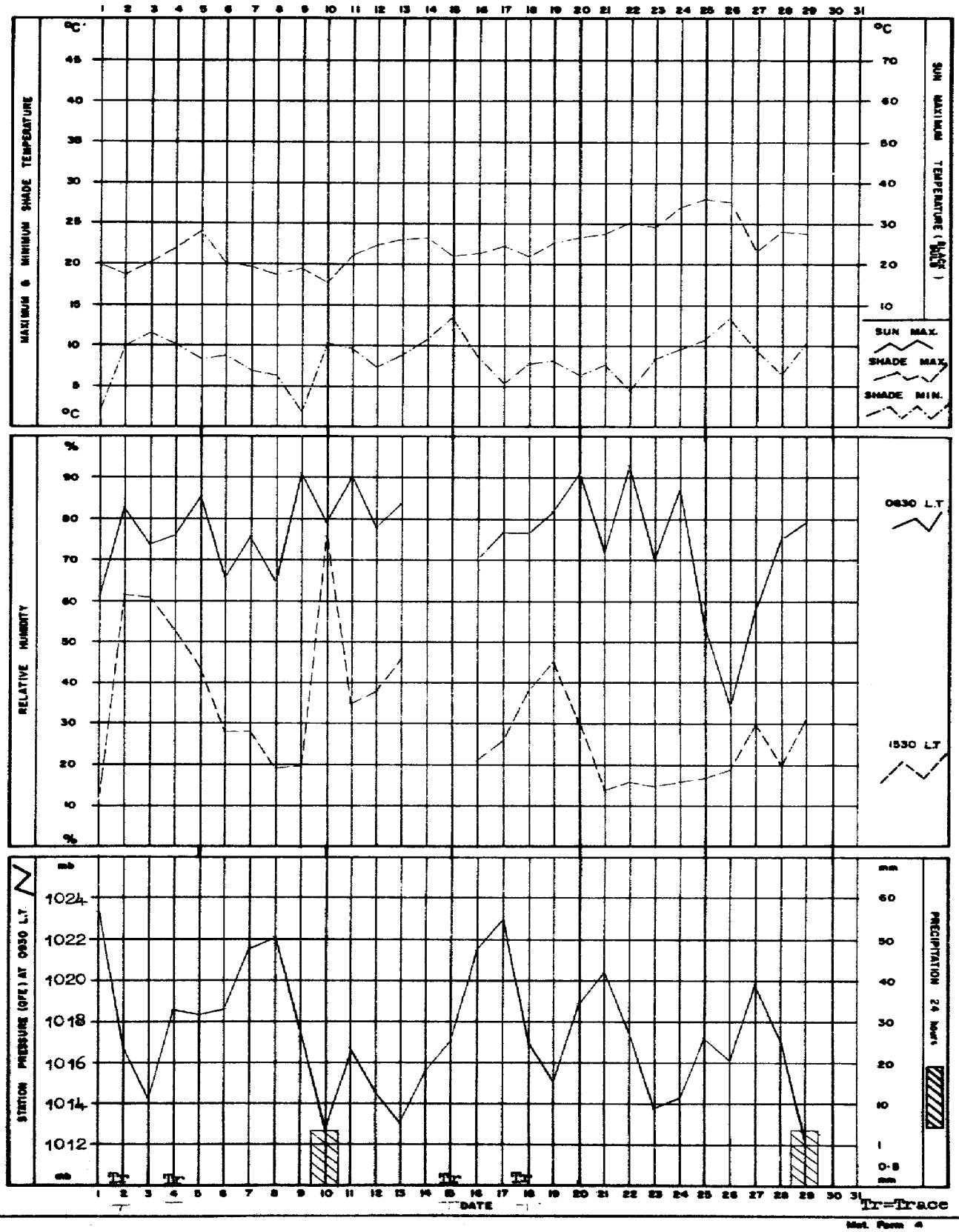
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th.storm: Thunderstorm at or near the station

Met. Form 36

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: February	Year: 1964
		Station: Abadan	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°22' N.	Long: 48°13' E



Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Bandar Mashur

Ground Level: 3 m. A.M.S.L. Local Time: G.M.T. + 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	5.6	2.7	-2.6	5.1	56	1022.3	040	6	5	30	14.8	8.8	0.9	6.5	39	1021.1	230	4	5	30	1
2	9.0	7.2	5.0	8.7	76	1016.8	160	14	5	40	16.5	13.7	11.4	13.5	72	1017.2	160	14	8	30	2
3	12.4	10.0	7.4	10.4	72	1015.0	100	14	8	30	18.2	14.5	11.5	13.5	65	1014.1	180	35	8	1.5	3
4	14.0	13.0	12.2	14.2	89	1015.8	180	14	8	25	18.5	16.0	14.2	16.2	76	1017.2	-	0	7	25	4
5	11.0	10.6	10.3	12.5	95	1017.3	100	3	7	20	19.7	18.8	18.3	21.0	92	1016.9	180	6	4	15	5
6	10.6	10.3	10.0	12.3	97	1015.8	310	12	0	15	18.5	11.2	2.8	7.5	35	1016.8	330	7	0	15	6
7	7.2	6.2	5.0	8.7	86	1019.3	310	6	0	25	17.1	11.2	4.8	8.7	43	1019.1	310	13	0	25	7
8	6.6	5.3	3.5	7.9	81	1019.2	300	14	0	20	16.9*		5.7*	9.2*	48*	1019.1*	310*	15*			8
9	5.5	4.5	3.2	7.7	86	1016.4	-	0	3	20	15.3	10.0	3.8	8.0	46	1016.0	130	5	4	25	9
10	10.5	8.5	6.2	9.5	75	1012.9	170	13	6	20	13.2	12.8	12.4	14.4	95	1014.0	120	12	8	20	10
11	11.4	11.0	10.6	12.8	95	1013.7	-	0	4	20	17.3	16.0	15.1	17.2	87	1014.7	320	4	1	25	11
12	11.4	11.4	11.4	13.5	100	1013.2	330	3	4	2	17.0	15.7	14.8	16.8	87	1013.1	-	0	6	4	12
13	12.7	12.3	12.0	14.0	96	1011.1	-	0	1	40	19.2	16.5	14.6	16.7	75	1011.7	330	8	1	40	13
14	12.0	9.6	7.1	10.1	72	1013.7	010	7	2	35	22.0	14.0	6.4	9.6	36	1014.2	360	3	3	35	14
15	15.2	11.4	7.6	10.5	61	1014.4	360	6	8	20	16.6*		8.8*	11.4*	60*	1014.6*	320*	23*			15
16	8.5	7.6	6.6	9.7	88	1017.8	300	14	0	25	16.5	12.8	9.4	11.8	63	1020.2	310	12	0	25	16
17	7.7	6.0	3.7	8.0	76	1021.1	310	6	0	40	17.0	12.0	7.1	10.1	52	1020.6	-	0	1	40	17
18	10.2	9.9	9.6	11.9	96	1016.9	170	7	4	30	18.0	14.8	12.2	14.2	69	1016.1	180	10	4	30	18
19	12.7	11.7	10.8	13.0	89	1013.8	160	8	2	35	20.8	17.0	14.4	16.4	67	1014.0	180	12	2	35	19
20	11.0	10.7	10.4	12.6	96	1016.7	090	5	0	30	17.6	14.6	12.2	14.2	71	1017.7	270	4	5	20	20
21	9.0	7.2	5.0	8.7	76	1018.0	310	10	0	30	19.2	12.2	4.8	8.6	39	1017.9	320	6	0	30	21
22	9.7	5.2	-1.8	5.3	44	1016.5	300	10	0	35	21.0	13.0	4.7	8.6	35	1015.5	-	0	0	35	22
23	12.6	10.1	7.6	10.4	72	1012.7	-	0	6	30	21.8	14.0	6.6	9.8	38	1013.3	180	13	3	30	23
24	13.8	12.1	10.6	12.7	81	1012.1	140	10	0	30	19.7	16.7	14.6	16.6	73	1013.9	200	6	1	30	24
25	11.0	9.0	6.8	9.9	76	1015.4	100	3	5	30	26.3	14.8	3.2	7.7	23	1015.3	050	8	4	30	25
26	13.2	8.6	2.7	7.4	49	1013.3	350	11	2	25	26.2	14.7	2.8	7.5	31	1013.9	040	12	2	15	26
27	9.9	7.2	3.8	8.0	66	1017.8	310	13	2	30	19.2	11.7	3.3	7.8	35	1017.8	320	13	X	1	27
28	8.5	7.5	6.3	9.6	87	1015.5	320	10	2	30	18.0	12.5	7.1	10.1	49	1016.1	270	6	3	30	28
29	13.2	11.7	10.3	12.6	83	1013.9	-	0	8	20	18.8	14.0	9.8	12.0	56	1011.2	100	14	8	20	29
30																					30
Av.	10.6	8.9	6.9	10.3	80	1015.8	-	8	4	27	18.7	13.9	8.9	11.9	57	1016.0	-	9	4	25	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: February Year: 1964

Station: Bandar Mashur

Ground Level: 3 m. A.M.S.L. Local Time: G.M.T. + 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)	Remarks	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			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		
13.0	8.8	3.6	7.9	53	1019.0	180	7	6	30			17.7	5.0	3.7		150	14	0	P.Cloudy	1
14.7*		8.4*	11.1*	66*	1016.2*	120*	15*					17.0	8,5	6,5		130	29	0	Cloudy	2
16.2	13.2	10.6	12.8	70	1012.8	180	20	8	15			18.7	12.1	10.2		130	43	0	Haze	3
16.2	13.2	10.6	12.8	70	1016.4	220	8	6	20			20.2	13.7	11.5		110	24	1.2	Rain	4
13.8	13.8	13.8	15.8	100	1014.7	180	12	X	0.2			20.3	11.0	9.5		190	15	0	Fog	5
17.5*		4.1*	8.2*	41*	1016.2*	340*	12*					20.2	10.4	9.0		330	23	0	Clear	6
15.8	10.8	5.3	8.9	50	1019.0	320	18	0	20			19.0	6.5	5.5		330	30	0	"	7
16.1	10.6	4.4	8.5	47	1017.3	310	10	0	15			23.0	6.4	4.5		330	23	0	"	8
13.4	9.8	5.8	9.2	60	1013.9	200	3	0	25			17.3	5.2	3.0		110	17	0	Fair	9
13.7	13.2	12.8	14.8	95	1012.4	160	8	5	20			14.6	9.4	7.1		120	24	8.4	Rain	10
17.5	15.8	14.6	16.6	83	1014.6	220	3	4	25			19.8	11.0	8.8		090	7	0	P.Cloudy	11
15.7	15.2	14.8	16.9	95	1011.5	180	10	5	20			19.3	11.0	8.5		150	21	0	Fog	12
19.8	14.2	9.3	11.7	51	1011.2	360	4	2	40			22.0	12.2	8,5		330	15	0	Fair	13
21.0	14.0	7,5	10.4	42	1013.5	320	5	5	35			23.7	11.6	9.7		350	23	0	P.Cloudy	14
16.5	11.7	6.9	9.9	53	1015.2	300	12	4	3			21.2	12.2	11.0		320	30	0	Haze	15
18.0	12.5	7.1	10.1	49	1019.6	310	8	0	30			21.0	8.0	6.4		350	23	0	Clear	16
15.2	12.7	10.4	12.7	74	1017.6	170	6	2	40			20.0	6.6	5.2		330	13	0	Fair	17
15.3	14.2	13.4	15.4	89	1014.8	180	3	3	35			18.5	9.6	7.6		150	20	0	P.Cloudy	18
15.8	15.2	14.7	16.8	94	1013.9	190	7	3	30			20.8	11.9	10.6		170	16	0	Fair	19
19.4	13.4	7.8	10.6	47	1015.7	310	6	2	25			21.9	10.5	8.8		310	14	0	"	20
21.0	13.0	4.7	8.6	35	1016.3	300	3	0	30			23.8	8.6	6.5		280	13	0	Clear	21
19.2	11.7	3.3	7.8	35	1013.4	270	7	0	30			23.7	8.9	7.2		200	11	0	"	22
18.7	13.2	8.1	10.8	50	1009.5	170	12	4	30			23.0	9.3	8.2		150	28	0	P.Cloudy	23
20.6	17.1	14.7	16.7	73	1013.2	–	0	3	30			23.3	13.2	11.5		180	16	0	Fair	24
23.8	13.8	3.4	7.8	26	1013.4	030	8	2	30			28.0	10.7	9.2		360	20	0	P.Cloudy	25
22.8	13.3	3.2	7.6	27	1013.6	350	17	X	1			27.8	12.5	11.2		330	31	0	Sandst.	26
19.0	12.0	4.4	8.4	38	1015.5	330	4	0	15			22.9	9.1	7.2		330	30	0	"	27
18.0	13.2	8.8	11.3	55	1013.3	210	8	6	30			22.0	7.5	7.0		310	14	0	P.Cloudy	28
19.2	16.5	14.6	16.7	75	1007.7	160	12	4	15			22.7	12.5	10.2		150	30	Tr.	Rain	29
																				30
17.5	13.2	8.7	11.6	60	1014.6	–	8	3	24											Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km

Fog: Visibility ≤ 1km

Drizzle: Raindrop diameter ≤ 0·5 mm

Rain: Rain not falling as showers

Snow: Snowfall

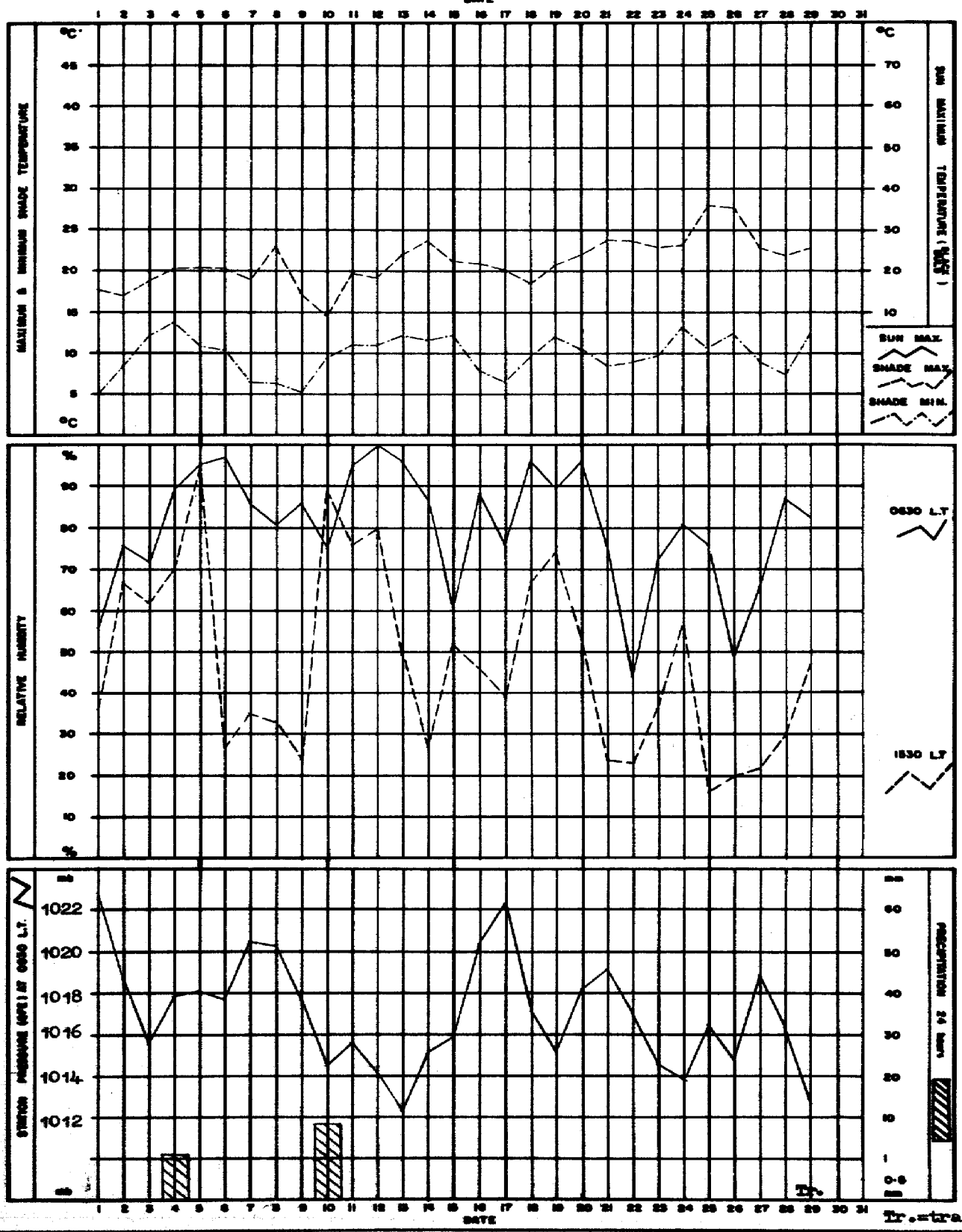
Rainsh.: Rain falling as showers

Hail: Solid precipitation

Th.storm: Thunderstorm at or near the station

Met. Form 3b

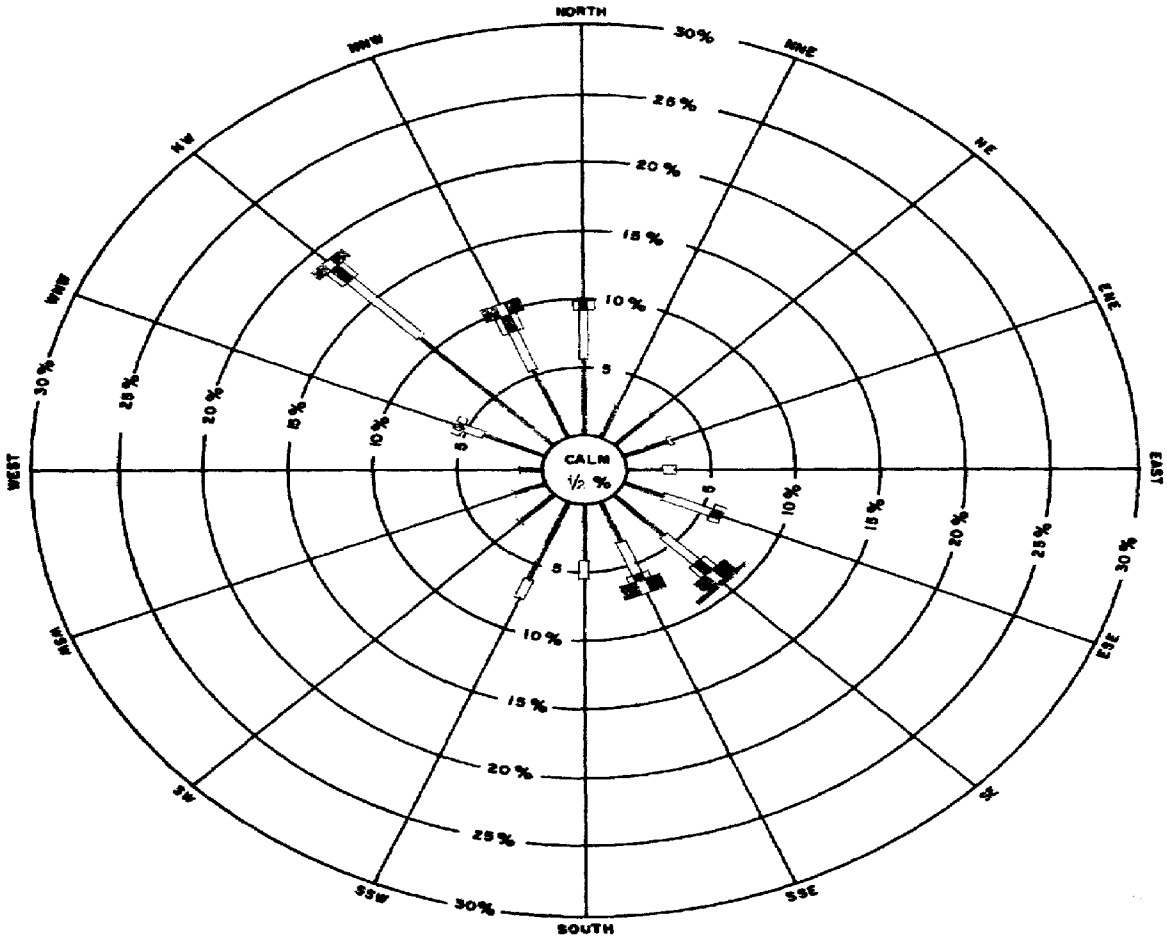
IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: February	Year: 1964
		Station: Bandar Mashur	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°30' N.	Long: 49°12' E



Tr.=trace

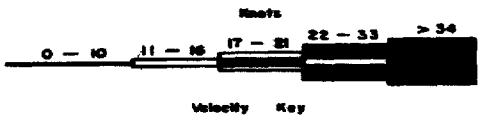
Met. Form 4

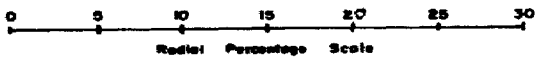
IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: February	Year: 1964
	Compiled from Wind Records Summary	Station: Bandar Mashur	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°30' N.	Long: 49°12' E



Hours in month 696

Hours recorded 696





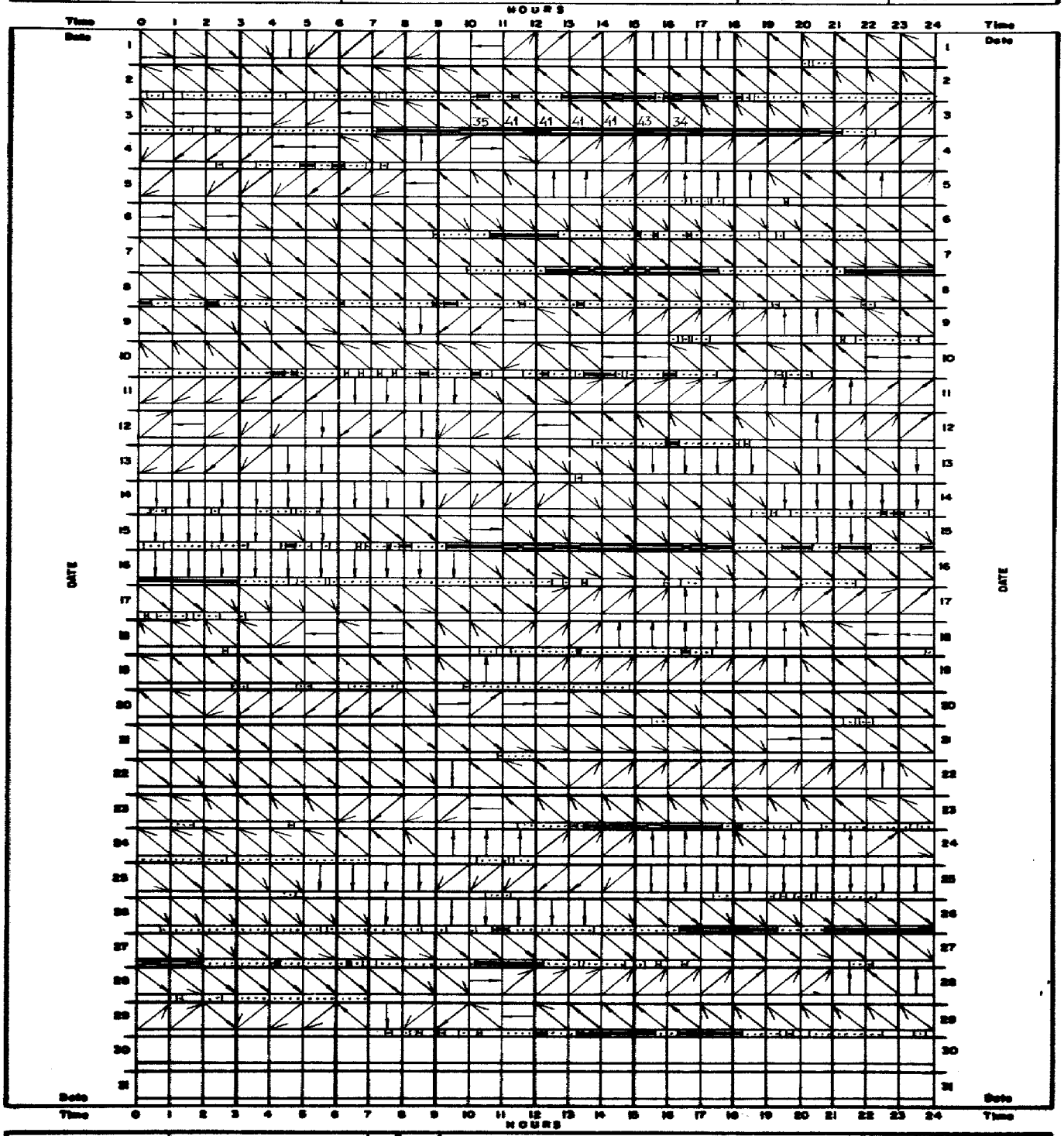
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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

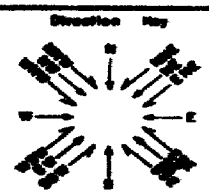
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: February	Year: 1964
	DINES ANEMOGRAPH	Station: Bandar Mashur	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°30' N.	Long: 49°12' E



Velocity Key

C	Calm
	1 – 10 Knots
	11 – 16
	17 – 21
	22 – 33
	> 34

Direction Key



Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks:

Met Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: February Year: 1964

Station: Kharg Island

Ground Level: 3 m. A.M.S.L. Local Time: G.M.T. + 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	10.0	7.2	3.4	7.9	64	1022.5	360	8	4	25	15.0	11.2	7.4	10.3	60	1021.6	360	2	1	25	1
2	12.0	11.0	10.1	12.4	88	1018.1	100	10	6	25	18.0	14.6	11.8	13.9	68	1018.2	120	8	4	25	2
3	13.4	12.8	12.2	14.3	93	1015.6	100	10	7	10	17.8	15.2	13.2	15.3	75	1016.9	170	15	5	15	3
4	16.0	12.8	9.9	12.2	67	1016.2	360	3	8	20	16.0	14.0	12.3	14.4	79	1017.3	360	3	8	15	4
5	14.6	13.4	12.4	14.5	88	1017.2	–	0	7	25	18.0	15.8	14.2	16.2	79	1017.2	120	2	7	20	5
6	14.0	13.0	12.1	14.2	89	1015.8	360	9	8	10	15.8	14.2	12.9	14.9	83	1016.4	360	8	6	12	6
7	13.0	9.6	5.9	9.3	62	1019.0	360	10	0	20	15.0	11.0	7.0	10.0	59	1019.0	300	15	0	20	7
8	11.2	9.4	7.5	10.4	78	1019.3	340	11	0	20	13.2	10.4	7.6	10.4	69	1019.9	330	10	0	20	8
9	12.0	8.8	5.1	8.8	63	1016.1	350	10	0	30	15.4	10.4	4.7	8.6	49	1016.9	350	10	5	30	9
10	14.0	11.6	9.3	11.8	74	1013.8	120	10	4	30	16.6	15.4	14.6	16.6	88	1013.5	170	18	8	20	10
11	12.0	11.6	11.2	13.4	95	1013.6	–	0	0	20	18.4	16.4	15.1	17.1	81	1014.8	020	4	7	20	11
12	14.0	13.8	13.5	15.6	98	1013.2	–	0	6	20	16.6	15.4	14.6	16.6	88	1013.5	090	18	8	20	12
13	14.0	13.0	12.2	14.2	89	1010.6	340	8	3	20	17.2	15.6	14.4	16.5	79	1010.9	340	5	2	30	13
14	12.2	11.8	11.4	13.5	96	1013.2	–	0	4	10	18.6	14.0	10.0	12.3	57	1014.2	030	3	4	25	14
15	16.0	14.0	12.3	14.4	79	1014.0	250	12	8	20	16.4	14.0	12.0	14.1	76	1014.3	280	10	8	25	15
16	12.4	10.0	7.4	10.3	72	1017.9	360	12	0	20	14.6	11.8	9.2	11.6	70	1020.5	350	10	1	20	16
17	13.4	10.6	7.7	10.5	68	1020.6	350	10	0	20	17.0	12.0	7.1	10.1	52	1020.7	340	10	0	15	17
18	13.4	11.4	9.5	11.9	78	1016.9	030	8	3	20	18.2	14.6	11.7	13.8	66	1017.2	120	6	5	20	18
19	15.4	14.2	13.3	15.3	88	1014.3	090	10	2	20	18.6	15.6	13.3	15.3	72	1014.6	120	10	8	20	19
20	10.2	9.8	9.4	11.8	95	1016.1	–	0	0	10	17.0	14.2	12.0	14.0	72	1017.3	330	10	2	15	20
21	14.0	11.0	8.1	10.8	68	1017.7	350	8	0	20	16.8	12.4	8.3	10.9	57	1018.2	300	10	0	25	21
22	12.2	11.4	10.7	12.9	91	1015.9	–	0	0	20	19.2	15.4	12.5	14.5	65	1015.9	–	0	0	25	22
23	10.8	10.2	9.6	11.9	92	1012.7	–	0	0	30	19.4	15.6	12.7	14.7	65	1013.4	090	3	5	30	23
24	16.8	14.8	13.2	15.2	79	1012.5	100	10	1	25	21.8	16.6	12.7	14.7	56	1013.9	100	4	1	25	24
25	14.8	13.6	12.6	14.6	87	1014.6	–	0	0	30	22.0	16.4	12.2	14.2	54	1015.3	350	4	0	30	25
26	16.8	15.4	14.3	16.4	86	1012.4	340	2	7	20	20.4	17.0	14.6	16.7	70	1013.7	360	6	5	25	26
27	15.0	10.4	5.3	8.8	52	1017.1	360	20	0	20	17.2	11.6	5.7	9.2	47	1018.0	330	20	0	15	27
28	14.0	11.0	8.1	10.8	68	1015.2	020	5	6	25	18.6	13.6	9.1	11.6	54	1016.0	360	2	2	25	28
29	16.0	14.2	12.8	14.8	82	1012.9	360	4	8	20	19.0	16.0	13.8	15.8	72	1011.7	120	10	7	20	29
30																					30
Av.	13.6	11.8	10.0	12.5	80	1015.7	–	7	3	21	17.5	14.2	11.3	13.6	68	1016.3	–	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: February Year: 1964
Station: Kharg Island

Ground Level: 3 m. A.M.S.L. | Local Time: G.M.T. + 3½ hrs | Lat: 29°16' N | Long: 50°20' E.

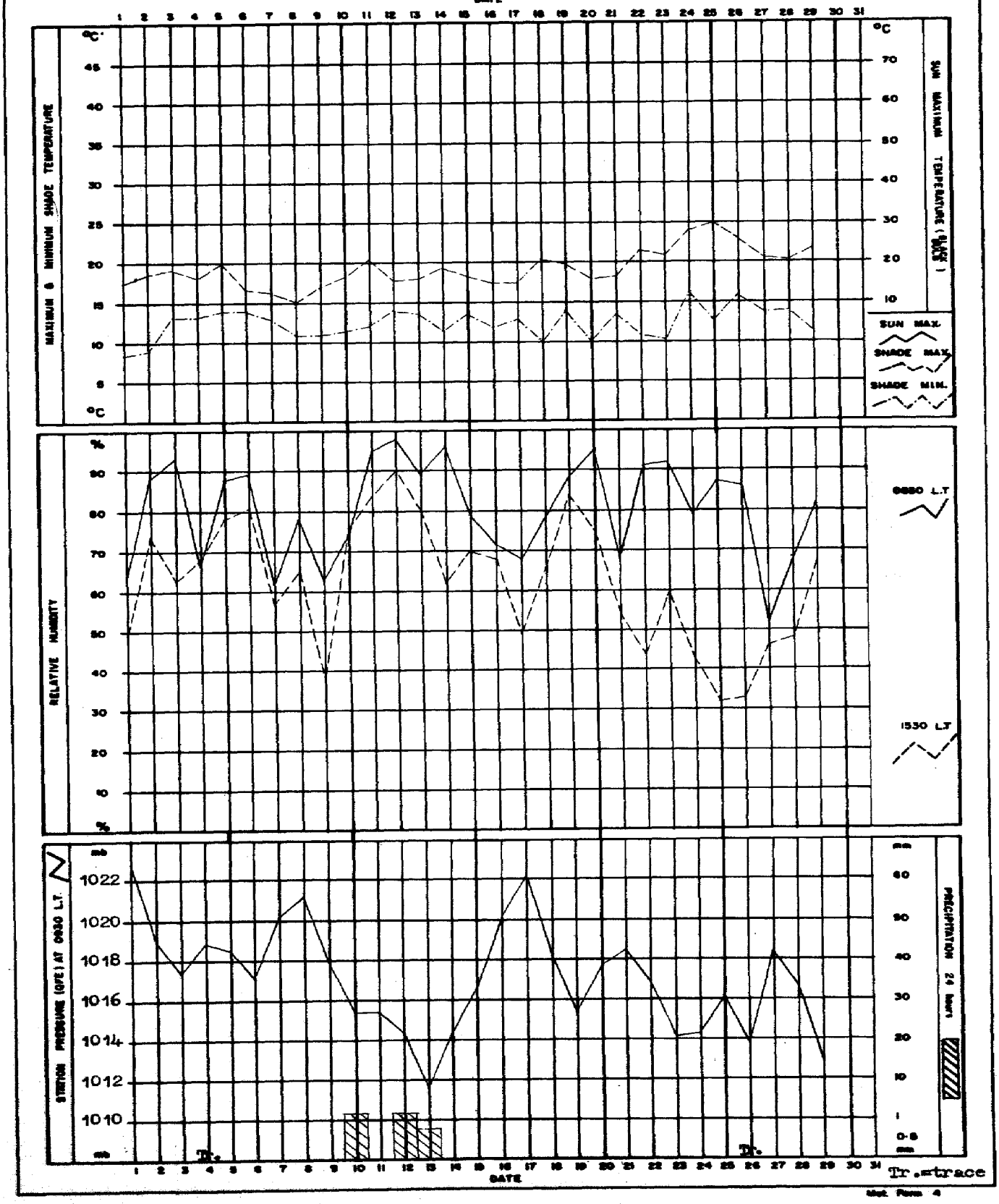
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830-1830)	Remarks	Date
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		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		
13.2	10.0	6.5	9.7	64	1019.8	–	0	3	30		17.5	8.5	4.4				0	Fair	1
14.8	13.6	12.6	14.6	87	1016.4	120	10	4	30		18.6	9.0	6.7				0	P.Cloudy	2
17.2	14.4	12.0	14.1	72	1014.3	160	18	5	15		19.2	13.2	11.1		170	24	0	Mist	3
15.8	13.8	12.2	14.2	79	1016.2	–	0	8	15		18.2	13.2	14.0		170	25	Tr.	Rain	4
16.6	14.4	12.7	14.7	78	1015.1	–	0	7	20		20.0	14.0	11.5				0	Cloudy	5
15.4	12.0	8.7	11.3	65	1016.0	300	8	1	15		16.7	14.0	12.8		360	19	0	P.Cloudy	6
14.4	11.0	7.5	10.4	64	1017.7	300	8	0	25		16.2	13.0	11.6		350	25	0	Clear	7
14.0	10.6	7.0	10.0	63	1017.5	300	10	0	25		15.0	11.0	10.2		330	30	0	"	8
14.4	9.0	2.2	7.2	44	1014.4	270	6	0	30		17.0	11.0	7.2		350	10	0	Fair	9
17.0	15.6	14.6	16.6	86	1011.7	180	20	8	25		18.2	11.4	7.2		170	26	1.8	Rain	10
17.8	16.2	14.3	16.3	80	1013.5	250	2	8	25		20.4	12.0	9.2		130	17	0	P.Cloudy	11
14.6	14.0	13.4	15.5	94	1010.8	100	18	8	15		17.8	14.0	11.1		170	26	1.8	Rain	12
15.2	14.4	13.8	15.8	91	1011.3	300	8	0	30		18.0	13.6	11.1				0.8	Fair	13
16.6	14.2	12.2	14.2	75	1013.5	020	2	8	20		19.4	11.6	8.3				0	Mist	14
17.0	12.4	8.0	10.7	55	1014.6	330	20	0	2		18.2	13.6	11.1		360	34	0	Haze	15
14.0	11.8	9.7	12.1	75	1019.8	300	5	0	20		17.4	12.0	8.9		360	33	0	Clear	16
14.6	10.0	4.8	8.6	52	1018.3	330	4	0	20		17.4	13.0	11.1		360	13	0	"	17
17.2	15.0	13.3	15.3	76	1014.7	160	10	4	20		20.4	10.0	7.5		180	9	0	P.Cloudy	18
17.0	14.6	12.7	14.7	76	1014.8	120	10	4	20		19.8	14.0	12.1		200	14	0	Cloudy	19
14.6	13.4	12.4	14.4	87	1016.4	300	8	3	15		18.0	10.0	8.2				0	Mist	20
16.4	12.8	9.6	12.0	64	1016.8	300	5	0	30		18.2	13.5	11.1		310	17	0	Clear	21
17.2	13.6	10.6	12.7	65	1014.1	300	5	0	30		21.5	10.4	8.3				0	"	22
18.4	16.2	14.5	16.6	79	1010.1	090	8	4	30		21.0	10.2	10.0		210	12	0	P.Cloudy	23
20.0	15.6	12.2	14.2	61	1013.5	–	0	0	30		24.0	16.4	16.2		240	9	0	Fair	24
21.4	16.8	13.4	15.5	61	1013.2	–	0	4	30		25.0	12.8	13.2				0	"	25
20.0	15.0	10.8	13.0	56	1012.6	360	2	0	30		23.0	16.0	13.4		350	29	Tr.	P.Cloudy	26
17.0	12.0	7.1	10.1	52	1016.0	300	6	0	1		20.6	13.8	13.5		350	38	0	Dust	27
16.0	13.0	10.3	12.6	69	1014.1	320	3	1	25		20.2	14.0	11.7		350	12	0	P.Cloudy	28
19.0	16.6	14.9	17.0	77	1008.3	130	5	3	20		21.8	11.6	8.3		170	13	0	Cloudy	29
																			30
16.4	13.5	10.8	13.2	71	1014.7	–	7	3	22										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km
Fog: Visibility ≤ 1km
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

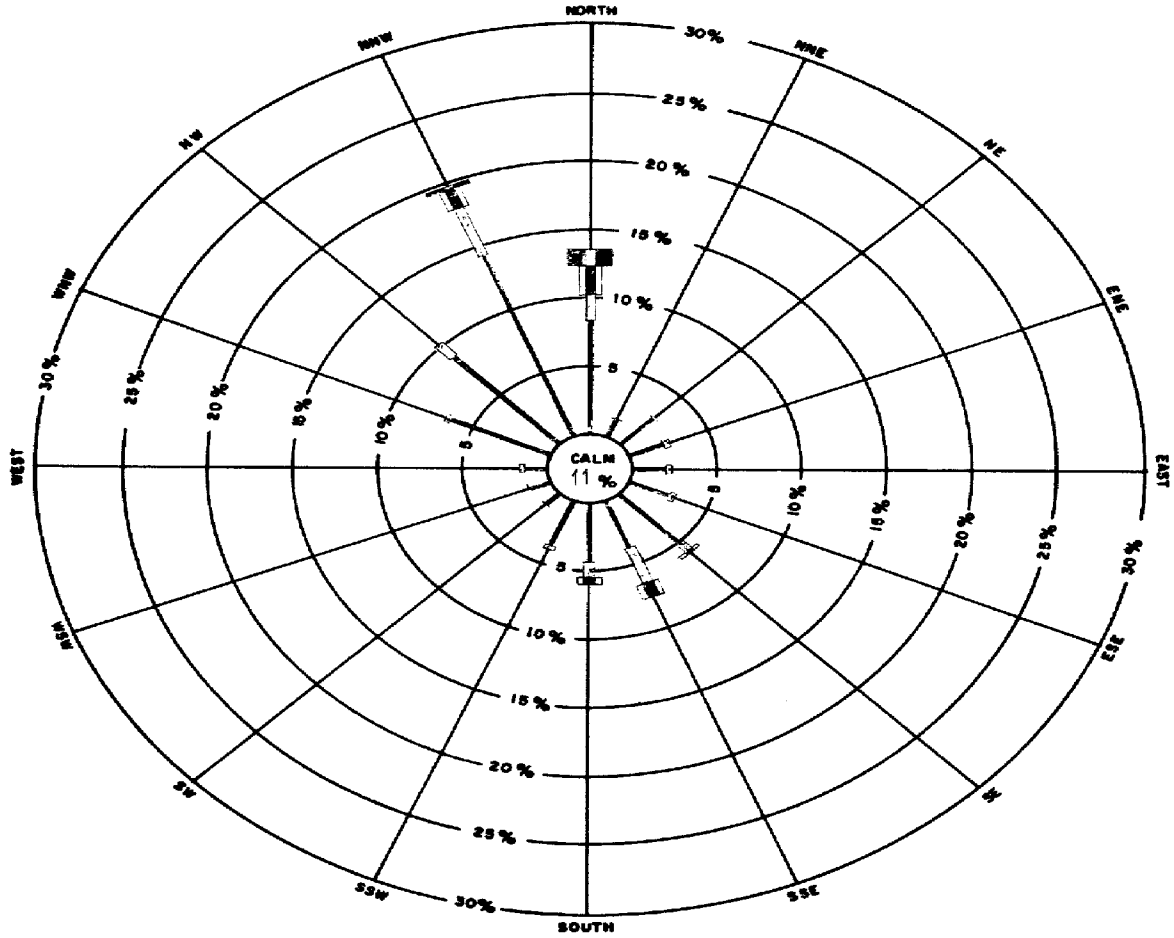
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: February	Year: 1964
		Station: Kharg Island	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 29°16' N.	Long: 50°20' E



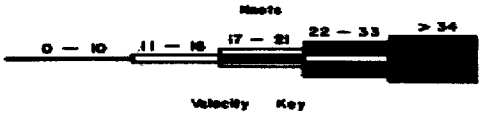
Met. Form 4

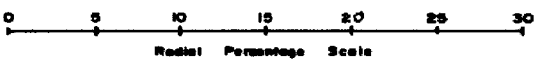
IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: February	Year: 1964
	Compiled from Wind Records Summary	Station: Kharg Island	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 29°16' N.	Long: 50°20' E



Hours in month 696

Hours recorded 631





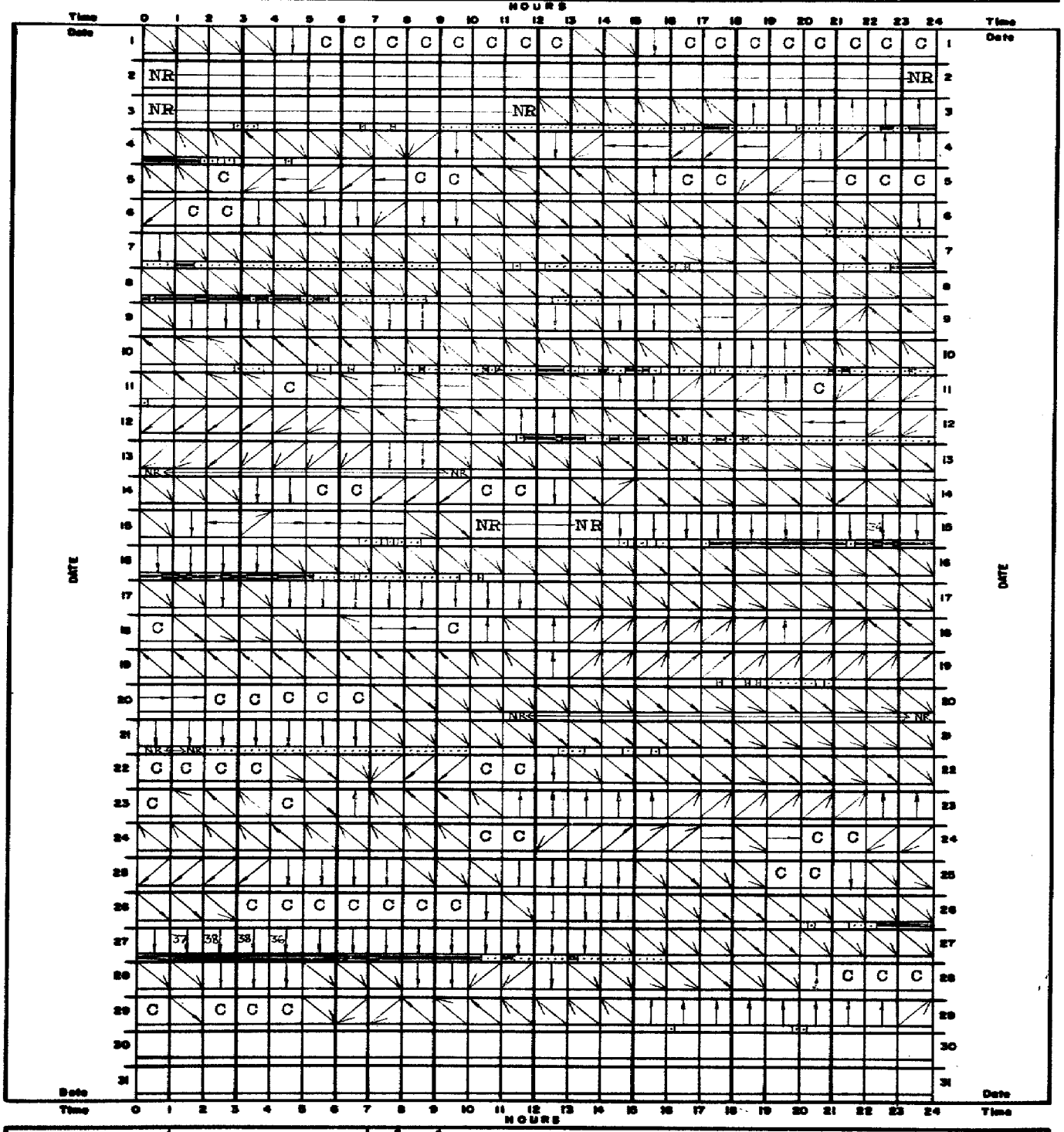
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 9

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: February	Year: 1964
	DINES ANEMOGRAPH	Station: Kharg Island	
Ground Level: 3 m. A.M.S.L.	Local Time: G.M.T. + 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		

Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots.(Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks:

Met Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

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

Ground Level: 2 m. A.M.S.L. | Local Time: G.M.T. + 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	13.6	11.8	10.2	12.4	80	1022.4	300	4	0	30	20.0	16.8	14.6	16.6	71	1021.5	240	5	0	50	1
2	12.7	12.3	11.9	14.0	95	1019.5	270	1	0	35	19.9	16.7	14.4	16.4	70	1020.1	190	1	1	50	2
3	16.7	15.4	14.4	16.5	86	1018.6	120	6	0	30	20.0	16.4	13.9	15.8	68	1019.5	110	10	0	40	3
4	19.1	16.3	14.3	16.3	74	1018.1	110	11	0	30	21.3	18.6	16.9	19.3	76	1019.1	100	17	2	20	4
5	19.7	17.9	16.8	19.1	83	1017.7	120	6	0	10	21.7	18.8	17.0	19.4	74	1017.5	120	3	0	15	5
6	17.0	15.8	14.9	17.0	88	1015.3	130	2	5	15	22.2	19.5	17.9	20.5	76	1014.5	130	3	5	10	6
7	18.0	17.7	17.5	20.0	97	1015.5	270	1	8	30	19.2	17.8	16.9	19.2	86	1016.1	280	6	8	20	7
8	12.3	10.5	8.1	10.8	75	1016.4	280	3	1	25	19.8	14.8	10.7	12.8	55	1016.5	300	5	1	35	8
9	17.7	16.0	14.8	16.8	83	1015.8	120	4	0	25	20.7	17.5	15.4	17.5	72	1016.5	240	7	5	35	9
10	14.2	13.2	12.3	14.3	88	1016.6	300	2	5	30	20.2	15.3	11.4	13.5	59	1016.8	130	3	5	40	10
11	18.0	14.9	12.4	14.4	70	1015.5	070	6	7	30	21.0	17.8	15.7	17.8	71	1015.9	130	11	8	40	11
12	18.9	15.3	12.4	14.4	66	1013.7	080	5	7	20	20.4	18.5	17.3	19.8	83	1015.0	100	9	8	15	12
13	19.9	17.9	16.6	18.9	81	1010.2	100	5	8	30	20.8	19.2	18.2	21.0	86	1010.5	120	11	8	15	13
14	17.1	16.5	16.2	18.3	94	1012.8	340	3	7	15	20.7	18.7	17.5	20.0	82	1013.6	350	1	8	8	14
15	17.1	16.0	15.2	17.3	89	1012.9	280	2	8	10	15.8	14.7	13.9	15.8	88	1012.5	330	10	8	15	15
16	15.9	13.4	11.3	13.4	74	1015.8	280	13	1	10	18.9	15.0	11.9	13.9	64	1017.2	280	20	0	10	16
17	12.5	11.7	11.0	13.1	90	1019.0	300	2	0	25	20.3	16.9	14.5	16.5	69	1019.8	150	7	1	25	17
18	15.0	13.7	12.7	14.7	86	1017.9	020	1	2	25	21.3	16.6	13.2	15.1	60	1016.7	150	2	4	50	18
19	14.8	13.8	13.0	15.0	89	1014.4	300	1	4	40	21.4	16.6	13.1	15.0	59	1014.8	180	1	2	50	19
20	15.8	14.5	13.6	15.5	86	1016.1	310	2	1	35	20.6	15.9	12.3	14.3	59	1016.2	310	10	1	40	20
21	15.0	13.0	11.3	13.4	79	1015.4	320	8	1	30	20.8	15.8	11.9	13.9	57	1016.2	330	9	0	30	21
22	14.1	13.3	12.7	14.6	91	1016.0	310	1	0	20	22.3	15.8	10.6	12.7	47	1015.3	080	3	0	45	22
23	13.9	13.2	12.6	14.6	92	1013.3	300	2	0	30	22.1	17.9	15.1	17.1	64	1013.5	230	3	1	50	23
24	15.4	13.9	12.7	14.7	92	1014.1	030	2	2	40	23.9	18.5	14.9	16.9	57	1014.3	200	4	2	50	24
25	16.7	16.3	16.0	18.2	95	1014.1	–	0	7	30	21.8	18.9	17.1	19.5	75	1015.3	150	4	5	50	25
26	19.2	18.8	18.6	21.4	96	1012.5	070	2	6	30	22.9	20.6	19.3	22.4	80	1013.8	110	4	6	40	26
27	17.7	16.8	16.2	18.4	91	1012.9	300	5	4	30	22.7	18.0	14.8	16.9	61	1013.9	300	13	0	20	27
28	14.4	13.6	12.9	14.9	91	1014.4	290	2	0	30	21.3	17.7	15.3	17.4	69	1016.2	170	10	2	30	28
29	16.5	16.0	15.7	17.8	95	1013.0	–	0	1	10	22.8	18.7	16.1	18.3	66	1013.3	150	6	7	20	29
30																					30
Av.	16.2	14.8	13.7	15.9	86	1015.0	–	4	3	26	20.9	17.4	14.8	17.1	69	1015.9	–	7	3	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: February Year: 1964
Station: Sheikh Shu'aib

Ground Level: 2 m. A.M.S.L. Local Time: G.M.T. + 3½ hrs Lat: 26°48' N Long: 53°22' E.

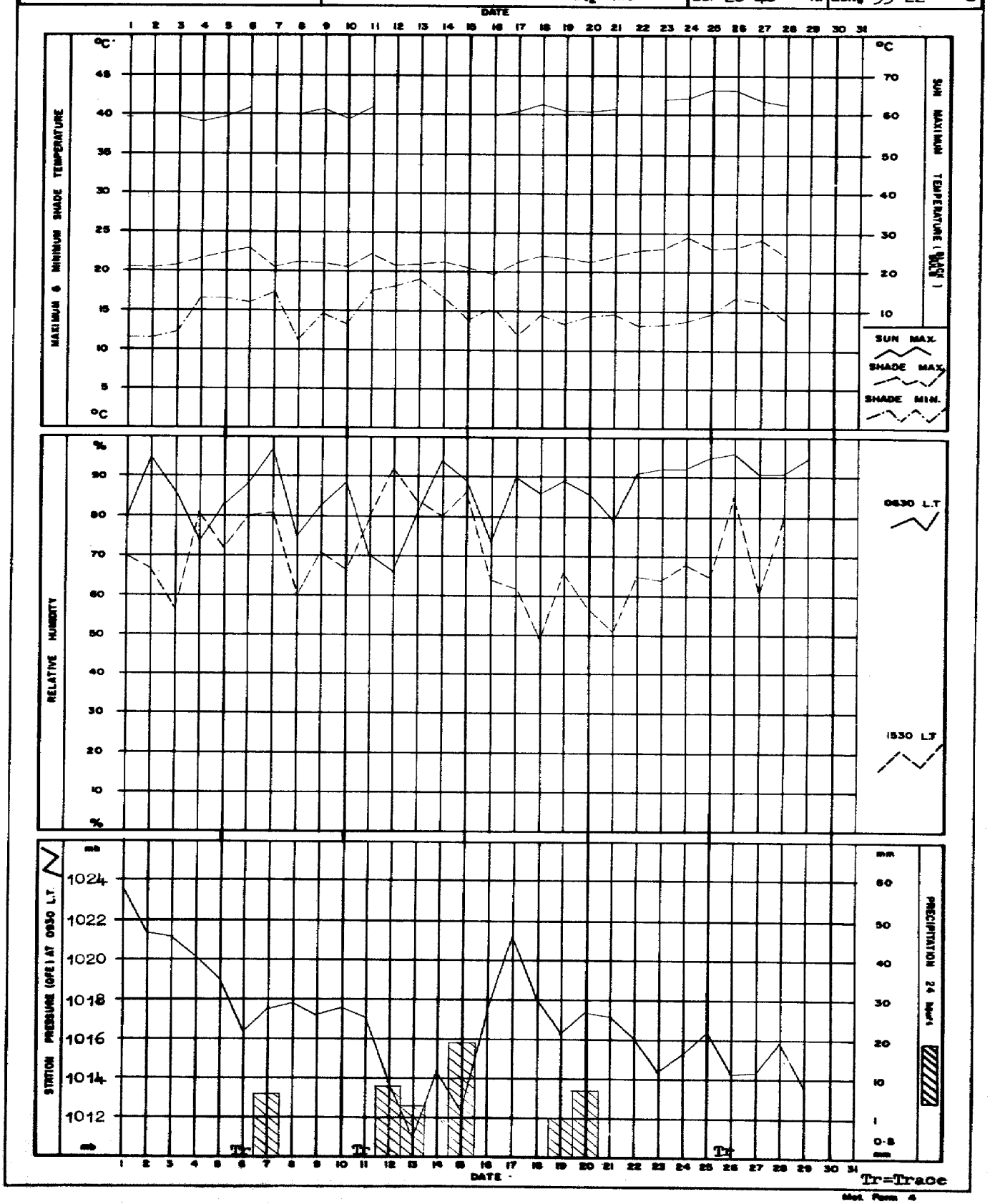
Observations at 1830										See Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830-1830)	Remarks	Date
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		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		
16.5	15.0	13.9	15.9	85	1020.6	260	3	2	30	19.1	20.5	11.5	8.0	59.6	320	14	0	Fair	1
17.2	14.6	12.6	14.5	74	1018.0	210	1	0	35	19.4	20.4	11.5	6.9		180	8	0	"	2
19.5	16.8	14.9	17.0	75	1018.0	120	13	0	20	19.5	20.8	12.3	13.8	59.6	130	23	0	Clear	3
19.7	18.1	17.1	19.5	85	1018.2	130	5	3	15	19.1	21.7	16.4	16.9	58.2	110	28	0	Fair	4
20.4	18.9	18.1	20.7	86	1015.7	130	2	0	10	19.3	22.5	16.5	16.5	59.6	080	9	0	Clear	5
20.4	18.9	18.1	20.7	86	1014.8	130	2	7	10	19.9	23.0	15.9	13.2	61.9	350	10	Tr.	Rain	6
17.5	14.3	12.7	14.7	73	1015.7	300	14	8	20	19.7	20.5	17.2	16.8		300	25	6.0	Rainsh.	7
17.7	15.4	13.6	15.6	77	1015.4	280	5	0	25	17.9	21.3	11.2	9.6	59.8			0	Fair	8
17.2	15.5	14.3	16.2	83	1015.1	260	2	1	20	18.8	21.1	14.5	14.5	61.4	240	11	0	P.Cloudy	9
18.8	15.5	13.0	15.0	69	1015.3	130	10	8	30	19.1	20.5	13.2	10.8	59.1			0	Cloudy	10
20.6	15.7	11.9	13.9	57	1014.8	130	6	7	30	19.0	22.3	17.5	16.1	62.2			Tr.	Rainsh.	11
19.4	17.9	16.9	19.3	86	1012.0	080	8	7	20	19.1	20.8	18.1	15.7		120	34	8.0	"	12
20.2	18.7	17.8	20.4	86	1010.0	110	5	8	10	19.3	21.0	19.0	17.8	47.4	110	29	3.0	"	13
19.1	18.2	17.6	20.2	92	1012.8	320	2	8	6	19.1	21.3	16.8	15.0				0	Mist	14
16.3	14.8	13.7	15.6	84	1012.6	290	6	7	30	19.3	20.5	14.0	15.5		350	34	19.0	Rain	15
17.1	14.2	13.0	15.0	77	1017.0	280	11	1	8	19.2	19.8	15.4	13.8	59.7			0	Haze	16
19.2	16.2	14.1	16.0	72	1018.7	150	2	1	15	17.8	21.2	11.9	8.8	60.8			0	Fair	17
19.1	15.6	12.9	14.9	67	1015.5	220	2	5	30	19.6	22.2	14.5	11.1	62.7	010	6	0	P.Cloudy	18
16.8	15.0	13.6	15.6	81	1015.4	300	15	8	10	19.8	21.8	13.5	9.2	60.9			1.0	Rain	19
17.2	14.1	11.5	13.6	69	1015.8	280	6	1	20	19.6	21.3	14.4	12.4	60.7	280	20	7.0	Fair	20
18.2	16.1	14.6	16.6	79	1015.3	300	4	0	20	18.4	22.0	14.7	11.6	61.6	310	17	0	Clear	21
18.9	16.6	15.0	17.0	78	1014.4	260	3	0	25	18.8	22.7	13.2	11.7		300	9	0	"	22
18.8	17.1	15.9	18.1	84	1012.2	300	1	0	30	19.8	23.0	13.4	10.0	64.0	300	10	0	"	23
20.5	17,6	15.7	17.8	74	1013.6	240	2	1	30	20.3	24.5	13.9	12.2	64.1			0	Fair	24
20.3	18.2	16.8	19.2	80	1013.9	240	1	2	30	20.0	23.1	14.8	13.5	66.4			0	P.Cloudy	25
20.8	19.9	19.4	22.5	92	1012.9	110	1	6	30	20.4	23.2	16.7	17.2	66.1	130	11	Tr.	Rain	26
18.9	16.3	14.3	16.4	75	1012.8	290	12	1	20	20.4	24.2	16.3	14.9	63.8	290	32	0	Fair	27
20.1	17.7	16.2	18.3	78	1014.9	180	8	1	15	19.8	22.3	14.1	11.3	62.5	300	21	0	"	28
22.0	18.9	17.0	19.4	73	1010.0	130	6	7	10	.	23.6	15.5	11.8	66.0			0	P.Cloudy	29
																			30
18.9	16.6	15.0	17.2	78	1014.9	–	5	4	21										Av.

CODE FOR REMARKS (Continued)

Sandst.: Sandstorm. Vis. ≤ 1km
Fog: Visibility ≤ 1km
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

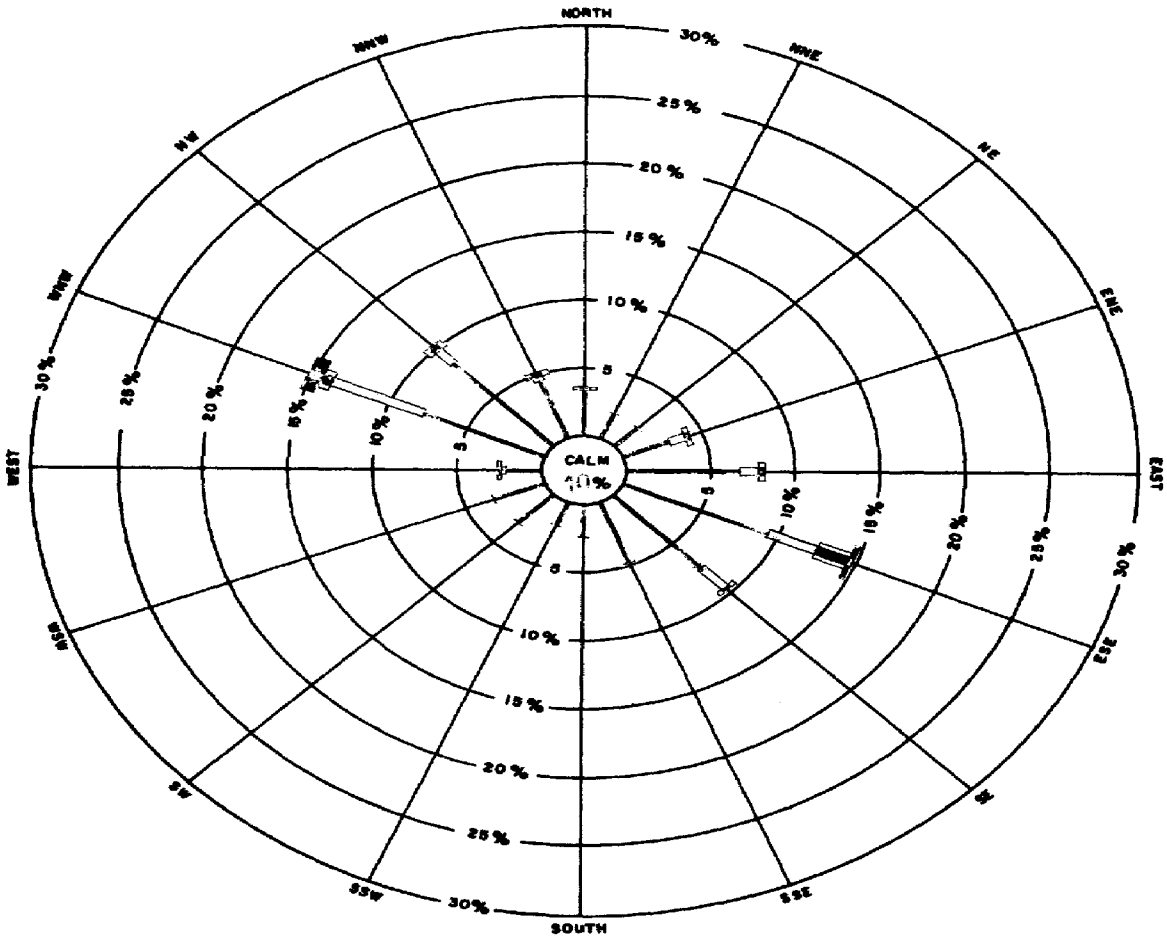
Met. Form 36

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month: February	Year: 1964
Ground Level: 2 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Station: Sheikh Shu'aib	
		Lat: 26°48' N.	Long: 53°22' E



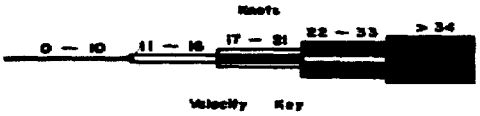
Met. Form 4

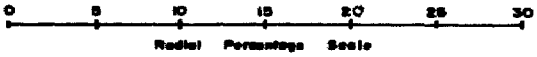
IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: February	Year: 1964
	Compiled from Wind Records Summary	Station: Sheikh Shu'aib	
Ground Level: 2 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 26°48' N.	Long: 53°22' E



Hours in month 696

Hours recorded 641





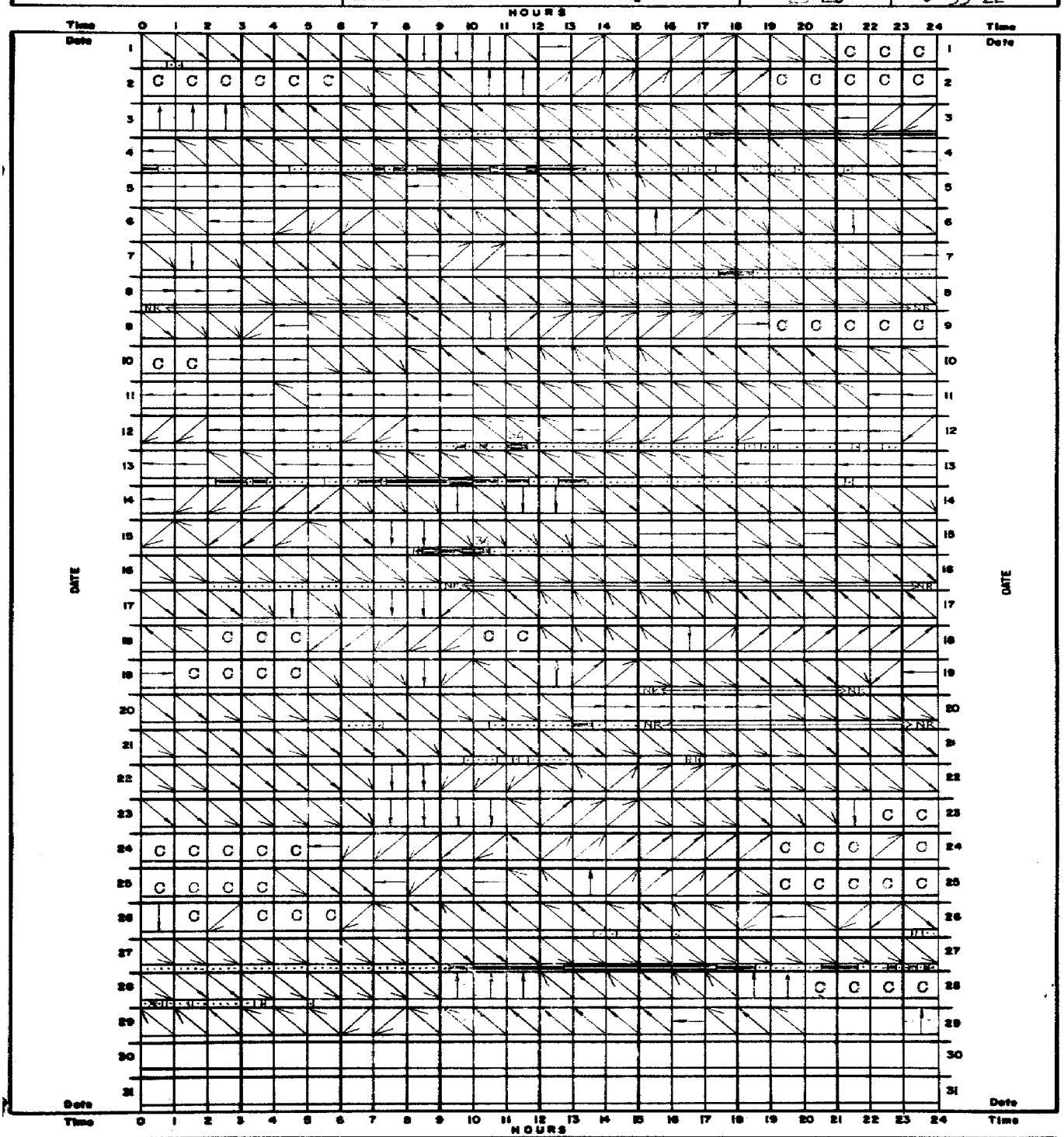
Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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

Remarks:

Met. Form B

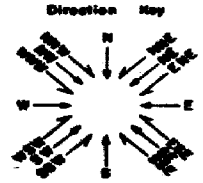
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: February	Year: 1964
	DINES ANEMOGRAPH	Station: Sheikh Shu'aib	
Ground Level: 2 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 26°48' N.	Long: 53°22' E



Velocity Key

C	Calm
	1 – 10 Knots
	11 – 16
	17 – 21
	22 – 33
	> 34

Direction Key

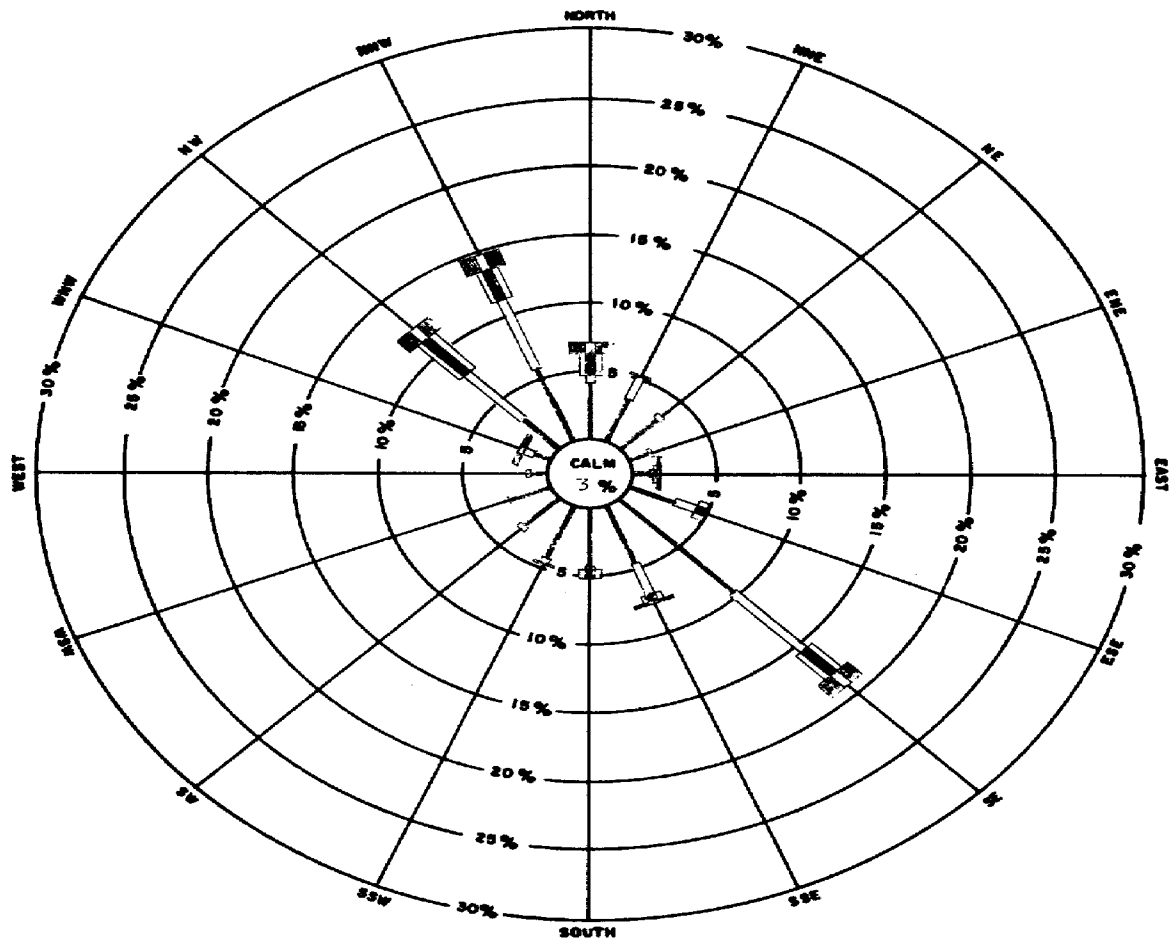


Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks:

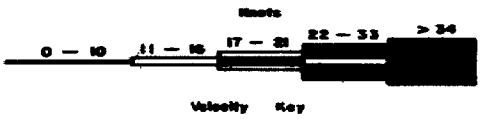
Met Form 6

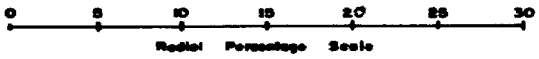
IRANIAN OIL OPERATING COMPANIES	WIND ROSE	Month: February	Year: 1964
	Compiled from Wind Records Summary	Station: Khor Musa	
Ground Level 6 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°00' N.	Long: 49°02' E



Hours in month 696

Hours recorded 490



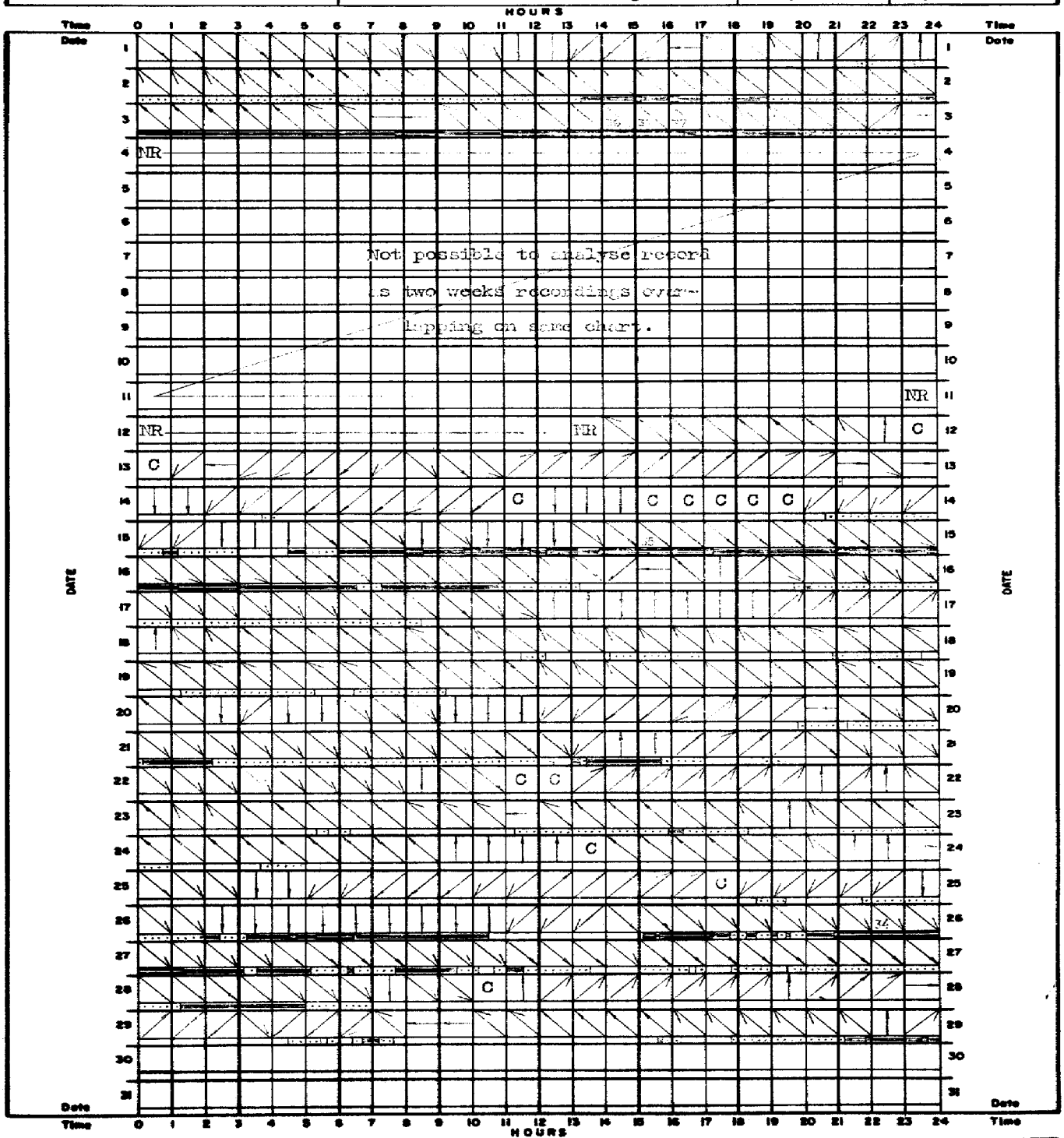


Notes: 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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

Remarks:

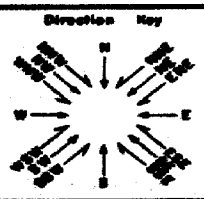
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: February	Year: 1964
	DINES ANEMOGRAPH	Station: Khor Musa	
Ground Level: 6 m. A.M.S.L.	Local Time: G.M.T. + 3½ hrs	Lat: 30°00' N.	Long: 49°02' E



Velocity Key

C	Calm
	1 – 10 Knots
	11 – 16
	17 – 21
	22 – 33
	> 34

Direction Key



Example: From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.

Remarks: The records 1-3 and 17-29 cannot be guaranteed completely correct as two recordings are overlapping on the same charts during these periods and a correct evaluation is difficult.

Met Form 6

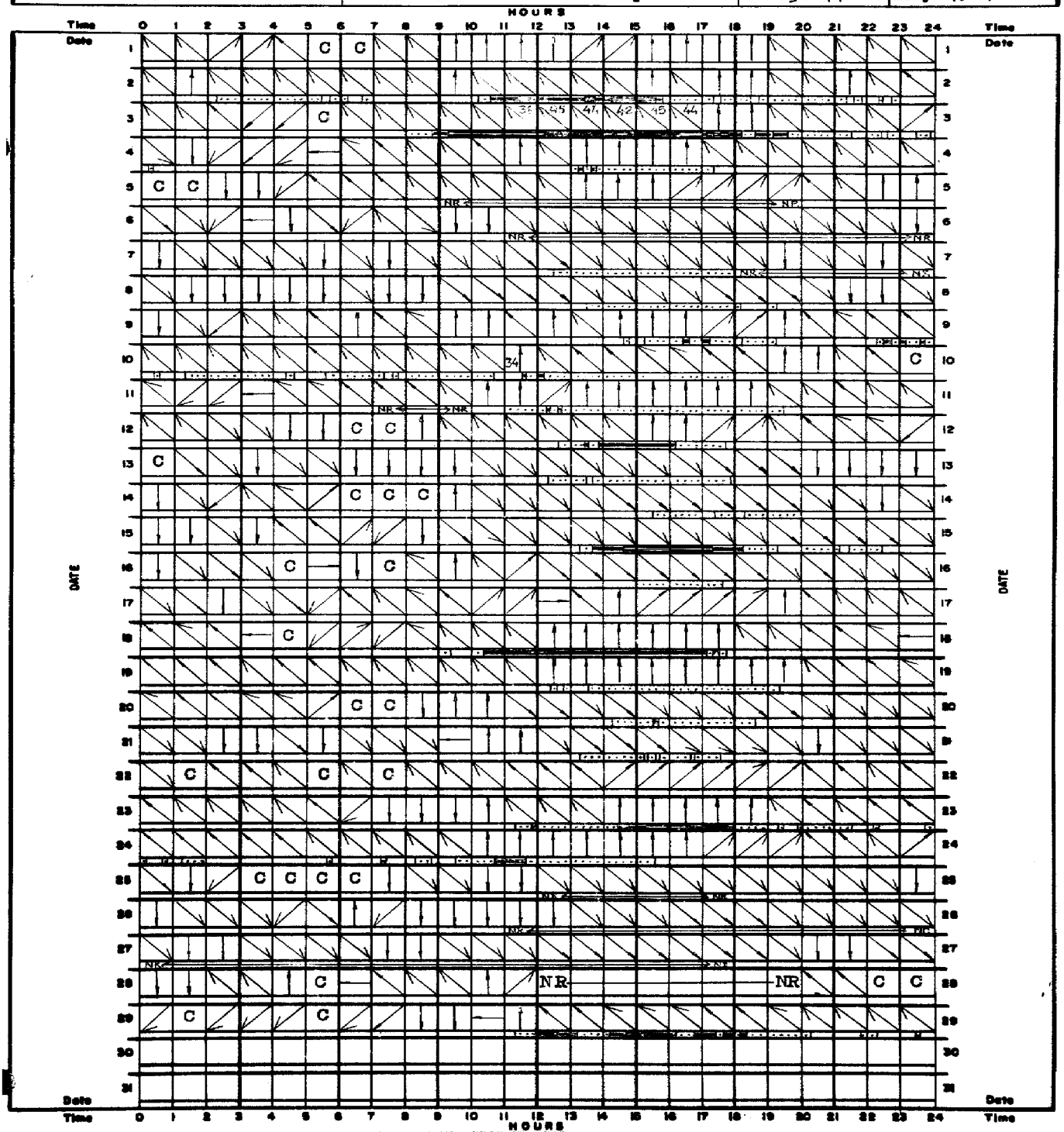
MEAN SEA LEVEL PRESSURE (QFF) MB

Date	Masjid-i-Sulaiman			Agha Jari			Gach Saran			Kut Abdullah		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1022.6	1020.5	1019.0	1024.4	1022.6	1020.7	1022.3	1019.4	1019.4	1022.6	1021.6	1018.8
2	1018.1	1016.9	1015.9	1018.8	1018.9	1017.1	1017.7	1016.9	1016.6	1017.9	1017.1	1016.4
3	1014.0	1016.0	1013.0	1016.9	1017.2	1015.2	1014.2	1015.2	1013.3	1014.7	1015.7	1013.3
4	1016.6	1017.8	1016.5	1018.1	1018.6	1017.0	1015.9	1017.9	1016.5	1017.2	1017.5	1016.5
5	1017.7	1017.2	1014.6	1018.8	1018.0	1015.7	1017.4	1016.1	1014.4	1017.8	1017.0	1014.7
6	1015.9	1016.6	1017.3	1017.0	1018.1	1017.7	1013.9	1013.6	1014.1	1016.5*	1017.7*	1018.0
7	1019.3	1019.3	1018.8	1020.4	1020.5	1018.4	1016.3	1015.8	1015.4	1020.0*	1021.5*	1018.6
8	1019.1	1018.4	1017.9	1020.1	1021.4	1018.6	1017.4	1016.7	1016.3	1019.8	1020.4	1018.0
9	1016.2	1015.7	1013.5	1017.6	1018.3	1015.1	1015.1	1014.7	1013.0	1016.4	1016.7	1013.8
10	1012.9	1014.4	1013.2	1014.1	1017.3	1013.9	1013.6	1013.6	1012.3	1013.3	1012.5	1013.1
11	1015.0	1015.5	1014.9	1015.4	1016.3	1015.6	1013.2	1013.9	1012.5	1014.5	1015.8	1014.1
12	1013.7	1013.0	1012.0	1014.8	1014.6	1012.6	1012.0	1013.5	1010.5	1014.1	1013.0	1011.5
13	1012.0	1011.6	1011.4	1012.0	1012.5	1012.1	1009.5	1009.0	1009.9	1011.3	1012.5	1011.4
14	1014.8	1015.2	1014.7	1015.1	1015.4	1014.8	1013.9	1013.0	1013.5	1014.8*	1016.2*	1014.9
15	1014.3	1016.0	1014.9	1015.9	1016.2	1015.8	1013.2	1013.5	1012.3	1015.2*	1016.5*	1015.8
16	1017.2	1020.3	1019.6	1018.8	1021.5	1020.3	1016.2	1018.1	1018.2	1017.9	1020.9	1020.1
17	1021.1	1020.5	1017.6	1022.3	1022.0	1019.8	1019.9	1018.8	1017.6	1021.4	1021.2	1018.0
18	1016.2	1016.4	1015.9	1018.0	1017.4	1015.8	1015.9	1015.4	1014.2	1017.3	1016.1	1015.4
19	1015.2	1014.3	1014.0	1015.6	1015.2	1015.3	1013.5	1017.1	1013.5	1014.8	1014.6	1014.1
20	1017.2	1018.5	1016.2	1017.8	1018.6	1016.7	1015.2	1014.6	1014.2	1017.3	1018.4	1016.6
21	1018.4	1017.5	1016.7	1018.9	1018.9	1017.3	1016.5	1015.4	1015.7	1018.4*	1018.9*	1016.8
22	1016.5	1016.4	1013.7	1017.8	1017.0	1014.4	1015.6	1013.6	1013.3	1016.6	1016.1	1013.5
23	1013.7	1012.5	1010.1	1014.4	1013.4	1011.0	1012.6	1011.8	1009.6	1014.2	1011.9	1010.0
24	1012.6	1013.9	1013.6	1013.7	1015.6	1014.7	1011.8	1012.8	1012.3	1012.4	1014.7	1013.9
25	1016.3	1015.9	1015.0	1016.5	1016.5	1014.5	1014.6	1013.9	1013.2	1016.5	1016.2	1014.7
26	1014.1	1014.8	1014.3	1014.4	1015.0	1014.6	1012.3	1012.1	1011.7	1014.6	1014.8	1015.6
27	1016.1	1016.8	1015.8	1018.9	1019.3	1016.7	1014.0	1014.3	1014.1	1018.1	1018.3	1016.1
28	1015.5	1015.2	1013.6	1016.8	1017.0	1014.6	1014.4	1013.4	1013.4	1015.8*	1016.4*	1013.5
29	1015.3	1012.6	1010.2	1015.1	1012.6	1009.1	1011.1	1012.1	1008.9	1013.7	1011.7	1008.3
Av.	1016.1	1016.2	1015.2	1017.2	1017.5	1015.7	1014.8	1014.7	1013.8	1016.4	1016.6	1015.0

Date	Abadan			Bandar Mashur			Kharg Island			Sheikh Shu'aib		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1023.0	1021.8	1019.2	1022.7	1021.5	1019.4	1022.9	1022.0	1020.2	1022.8	1021.9	1021.0
2	1016.5	1016.4	1015.9	1017.2	1017.6	1016.6*	1018.5	1018.6	1016.8	1019.9	1020.5	1018.4
3	1013.6	1012.7	1013.2	1015.4	1014.5	1013.2	1016.0	1017.3	1014.7	1019.0	1019.9	1018.4
4	1017.4	1017.7	1016.6	1016.2	1017.6	1016.8	1016.6	1017.7	1016.6	1018.5	1019.5	1018.6
5	1017.8	1016.9	1014.5	1017.7	1017.3	1015.1	1017.6	1017.6	1015.5	1018.1	1017.9	1016.1
6	1017.2*	1018.5*	1018.1	1016.2	1017.2	1016.6*	1016.2	1016.8	1016.4	1015.7	1014.9	1015.2
7	1020.9*	1021.2*	1019.6	1019.7	1019.5	1019.4	1019.4	1018.0	1018.1	1015.9	1016.5	1016.1
8	1020.8	1021.5	1018.8	1019.6	1019.5*	1017.7	1019.7	1020.3	1017.9	1016.8	1016.9	1015.8
9	1017.4	1017.1	1013.8	1016.8	1016.4	1014.3	1016.5	1017.3	1014.8	1016.2	1016.9	1015.5
10	1013.2	1013.4	1012.0	1013.3	1014.4	1012.8	1014.2	1013.9	1012.1	1017.0	1017.2	1015.7
11	1014.8	1016.3	1014.2	1014.1	1015.1	1015.0	1014.0	1015.2	1013.9	1015.9	1016.3	1015.2
12	1014.2	1013.3	1011.6	1013.6	1013.5	1011.9	1013.6	1013.9	1011.2	1014.1	1015.4	1012.4
13	1012.0	1012.7	1011.9	1011.5	1012.1	1011.6	1011.0	1011.3	1011.7	1010.6	1010.9	1010.4
14	1014.6*	1015.4*	1014.6	1014.1	1014.6	1013.9	1013.6	1014.6	1013.9	1013.2	1014.0	1013,2
15	1015.2*	1017.4*	1017.4	1014.8	1015.0	1015.6	1014.4	1014.7	1015.0	1013.3	1012.9	1013.0
16	1019.1	1021.9	1021.1	1018.2	1020.6	1020.0	1018.3	1020.9	1020.2	1016.2	1017.6	1017.4
17	1022.2	1021.5	1018.5	1021.5	1021.0	1018.0	1021.0	1021.1	1018.7	1019.4	1020.2	1019.1
18	1017.2	1015.8	1014.7	1017.3	1016.5	1015.2	1017.3	1017.6	1015.1	1018.3	1017.1	1015.9
19	1014.3	1014.5	1014.3	1014.2	1014.4	1014.3	1014.7	1015.0	1015.2	1014.8	1015.2	1015.8
20	1017.5	1018.7	1017.4	1017.1	1018.3	1016.1	1016.5	1017.7	1016.8	1016.5	1016.6	1016.2
21	1019.1*	1018.9*	1017.5	1018.4	1018.3	1016.7	1018.1	1018.6	1017.2	1015.8	1016.6	1015.7
22	1017.0	1016.5	1013.8	1016.9	1015.9	1013.8	1016.3	1016.3	1014.5	1016.4	1015.7	1014.8
23	1012.7	1011.5	1009.4	1013.1	1013.7	1009.9	1013.1	1013.8	1010.5	1013.7	1013.9	1012,6
24	1012.3	1014.4	1013.9	1012.5	1014.3	1013.6	1012.9	1014.3	1013.9	1014.5	1014.7	1014.0
25	1016.1	1016.1	1013.8	1015.8	1015.7	1013.8	1015.2	1015.7	1013.6	1014.5	1015.7	1014.3
26	1014.5	1015.8	1015.8	1013.7	1014.3	1014.0	1012.8	1014.1	1013.0	1012.9	1014.2	1013.3
27	1019.3	1018.8	1016.6	1018.2	1018.2	1015.9	1017.5	1018.4	1016.4	1013.3	1014.3	1013.2
28	1016.7*	1017.1*	1013.8	1015.9	1016.5	1013.7	1015.6	1016.4	1014.5	1014.8	1016.6	1015.3
29	1013.2	1011.0	1017.8	1014.3	1011.6	1008.1	1013.3	1012.1	1008.7	1013.4	1013.7	1010.4
Av.	1016.5	1016.7	1015.5	1016.0	1016.4	1014.9	1015.4	1016.6	1015.1	1015.9	1016.3	1015.3

* Values obtained from barograph

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS	Month: February	Year: 1964
	DINES ANEMOGRAPH	Station: Agha Jari	
Ground Level: 29 m. A.M.S.L.	Local Time: G.M.T. + 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	From 0300 hrs to 0400hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots. (Figures in the direction box indicate maximum velocity over 34 knots.) NR = No Record.
1 – 10 Knots		
11 – 16		
17 – 21		
22 – 33		
> 34		

Remarks:

Met Form 4

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

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METEOROLOGICAL OBSERVATIONS

FOR

MARCH
1964

~~137 673~~

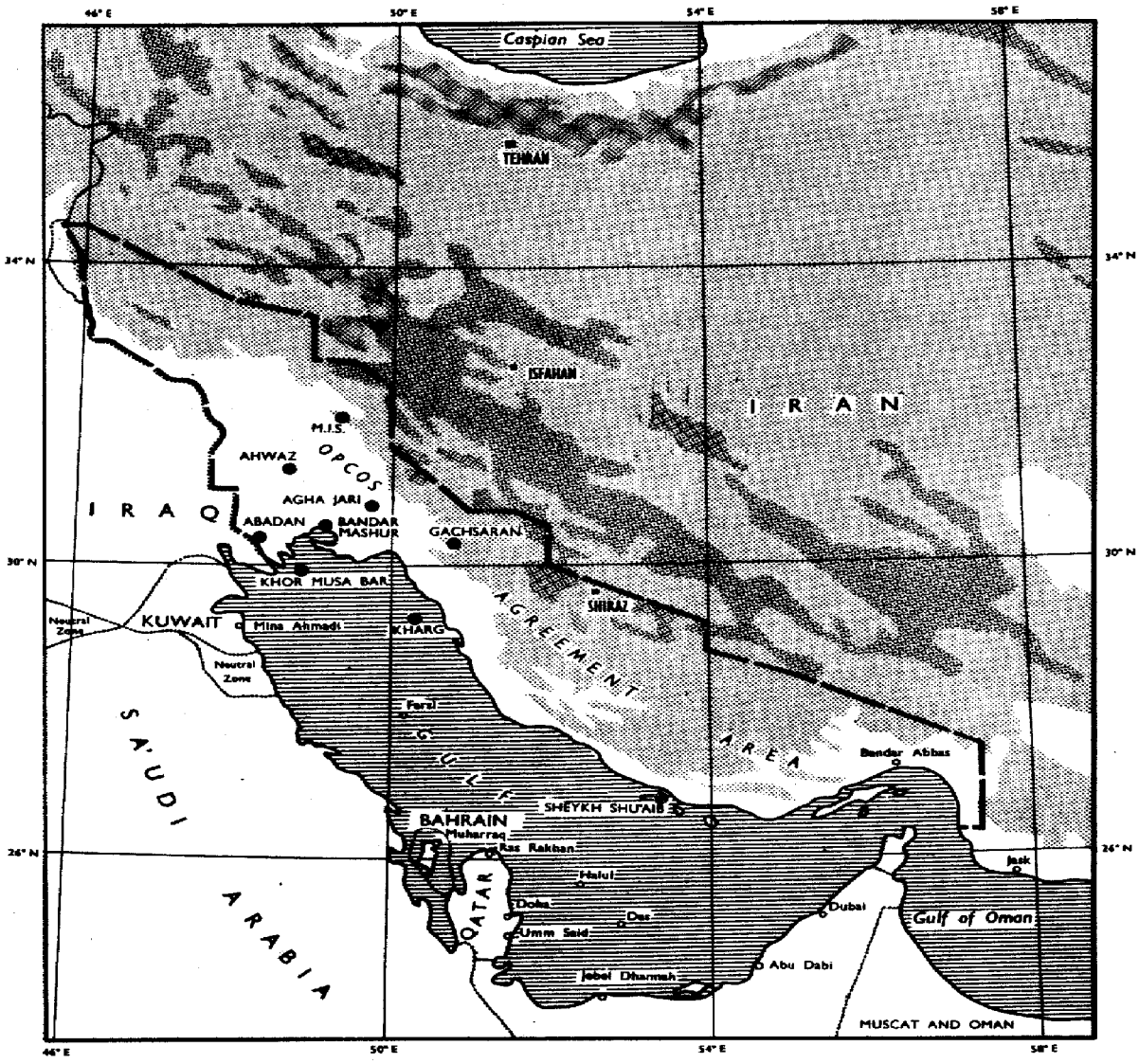
86

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		

Mec. Form No. 1

WEATHER BULLETIN

March 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
Kut Abdullah (Airport) 2) (1-9 March)	-	31°13' N	48°40' E	15 m.	17
Ahwaz (New airport) 2) (10-31 March)	-	31°20' N	48°45' E	21 m.	
Abadan (IOE&PC 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
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	33
Khor Musa (Instrument platform) 4)	-	30°00' N	49°02' E	6 m.	38

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

STATIONS.

The station at Kut Abdullah airport was moved to Ahwaz new airport on 9-10 March. Data for the new station are found above.

REMARKS.

See Remarks in the January 1964 bulletin.

WEATHER.

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

	Maximum Temp. °C	Minimum Temp. °C	Relative Humidity Average of day %	Station Pressure mb	Rainfall in March % of normal	Rainfall Oct. 63 - March 64. % of normal
Masjid-i-Sulaiman	+2.9	+2.7	-17	-0.8	75	55
Agha Jari	+2.9	+0.5			31	25
Gach Saran	+1.5	-0.3		-1.0	59	81
Abadan	+2.9	+1.0	-16	-0.8	16	30
Bandar Mashur	+1.4	+2.7			4	25
Kharg Island	+2.5	+1.7		-0.9	7	56

Total rainfall October 1963-March 1964:
(Accumulated seasonal rainfall)

Masjid-i-Sulaiman	205.8 mm
Agha Jari	44.4 mm
Gach Saran	185.8 mm
Kut Abdullah - Ahwaz	48.6 mm
Abadan	45.0 mm
Bandar Mashur	40.6 mm
Kharg Island	78.3 mm
Sheikh Shu'aib	179.0 mm

T. Bergquist
Meteorologist
IMCOS Ltd.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month : March Year : [illegible]

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	Vapour Pressure at 0930 mb	Dew Point Depression at 0930 °C	Rel. Hum. Daily avr. %	Rel. Hum. 1530 (avr.) %	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
Mahshahr-i-Sulaiman	26.3	33.1	26	13.6	8.3	2	10.1	5.6	2,5		57.4	66.8	26	10.7	12.3	41	28	57	40.6	24.7	1	972.2	977.7	14	965.4	12	65	110	12
Agha Jari	29.8	35.8	26	14.1	6.7	10								9.8	16.3	33	20	52	8.5	6.1	13	1012.1	1016.9	24	1006.7	12	67	190	12
Gach Saran	25.0	30.5	26	9.7	3.6	5	8.8	2.6	5		56.4	68.0	25	10.0	11.7	45	28	69	21.6	7.1	13	932.7	836.4	14	929.3	1			
Ahwaz	28.6	35.0	26	12.7	6.3	4	11.4	5.2	5					10.7	12.8	40	24	65	2.1	1.3	15	1012.2	1017.7	2	1003.6	19			
Abadan	28.3	32.8	27	14.2	8.3	10								11.6	12.9	44	25	67	2.6	2.0	13	1014.6	1019.5	24	1006.8	12	47	160	12
Bandar Mahshahr	27.3	31.2	29	14.7	9.4	2	13.8	8.4	10					13.4	8.8	52	32	71	1.0	1.0	13	1013.3	1019.2	14	1007.4	12	47	300	16
Kharg Island	24.5	29.4	27	16.7	11.5	6	13.9	7.5	6					15.2	7.8	65	53	73	1.2	0.6	13	1014.1	1018.4	14	1008.3	6	43	100	17
Sheikh Shu'aib	25.9	29.5	22	17.8	13.2	6	16.8	9.6	6	21.4	64.9	69.5	30	20.1	6.2	75	63	82	Tr.	Tr.	[illegible]	1014.3	1017.2	15	1011.4	21	40	290	22
Khor Musa																											47	100	12

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.
Mahshahr-i-Sulaiman	3.5	15	10	0	1	2	1	2	6	1	4	0	3	9	12	3	0	3	0	1	0	0	1	0	4	0	0	0	3	26	0	2
Agha Jari	3.5	14	9	0	0	1	1	1	3	2	2	0	10	7	9	3	0	1	0	0	0	0	4	0	6	0	0	0	17	14	0	0
Gach Saran	3.8	14	10	0	0	2	2	1	5	4	1	0	0	15	12	3	0	1	0	0	0	0	1	0	21	18	0	0	1	28	2	0
Ahwaz	2.9	21	7	0	0	0	1	1	2	1	0	0	1	11	9	3	0	1	0	6	0	0	0	0	6	0	0	0	9	19	0	0
Abadan	3.1	17	9	0	0	0	1	1	2	3	1	0	2	7	8	0	0	1	1	2	0	0	2	0	2	0	0	0	22	9	0	0
Bandar Mahshahr	2.7	13	5	0	0	0	1	0	1	1	0	0	2	20	5	1	0	1	2	0	0	0	1	0	2	0	0	0	26	5	0	0
Kharg Island	3.0	15	8	0	0	0	0	3	3	1	6	0	1	18	11	1	0	0	0	0	0	0	5	0	25	0	0	0	29	0	0	0
Sheikh Shu'aib	2.8	18	4	0	0	0	0	0	0	0	0	0	5	15	11	0	0	0	0	0	0	0	7	0	24	0	0	0	31	0	0	0

Met. Form 2

89.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : March Year : 196[illegible]
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Masjid-i-Sulaiman
		Lat : 31°59' N. Long : 4[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	10.0	8.7	7.3	10.3	84	966.4	120	5	8	12	14.9	11.6	8.4	11.1	65	970.1	090	5	7	20	1
2	9.0	8.7	8.3	11.1	96	974.2	–	0	0	15	17.2	14.4	12.1	14.1	72	974.5	–	0	1	15	2
3	10.1	9.6	9.1	11.6	94	972.5	300	3	2	20	20.6	13.1	5.5	9.1	38	973.4	180	2	4	30	3
4	12.0	9.0	5.6	9.1	65	973.0	–	0	0	15	20.0	13.0	6.0	9.4	40	974.9	–	0	1	20	4
5	10.5	8.4	6.0	9.4	74	974.0	–	0	0	20	20.2	12.1	3.2	7.7	33	974.8	–	0	1	20	5
6	12.8	9.4	5.5	9.1	61	970.8	–	0	7	25	25.2	13.6	0.4	6.4	20	968.6	090	10	4	20	6
7	16.1	10.3	3.6	7.9	43	971.1	–	0	4	10	26.8	14.2	0.1	6.2	18	971.4	170	10	0	15	7
8	14.6	10.6	6.4	9.6	58	972.6	–	0	0	5	23.4	14.0	4.6	8.5	30	973.5	260	5	4	7	8
9	15.1	9.0	1.1	6.6	38	972.3	–	0	4	8	22.1	13.0	3.3	7.8	29	972.7	270	7	7	15	9
10	11.4	8.4	4.9	8.7	64	971.0	–	0	2	15	23.8	13.4	2.0	7.1	24	970.8	150	4	5	20	10
11	17.1	10.4	2.3	7.3	37	970.1	–	8	8	20	27.6	14.6	0.3	6.3	17	970.5	170	12	0	20	11
12	24.4	15.2	6.7	9.9	32	967.5	080	10	8	15	24.0	14.8	6.2	9.5	32	968.7	080	20	X	1	12
13	16.1	13.1	10.4	12.7	69	970.4	090	10	3	15	21.1	16.0	12.1	14.2	57	972.2	270	3	1	15	13
14	14.2	9.4	3.6	7.9	49	976.2	340	6	2	1	22.4	13.4	4.1	8.2	30	977.1	–	0	2	7	14
15	13.0	8.4	2.6	7.4	49	974.7	300	3	2	10	25.0	14.1	2.6	7.4	23	974.0	–	0	0	20	15
16	19.0	13.5	8.5	11.1	50	969.7	030	18	8	15	18.7	14.2	10.4	12.6	58	967.4	030	15	7	10	16
17	12.2	10.4	8.6	11.2	79	971.6	290	3	0	25	22.5	15.6	10.9	12.3	45	972.5	300	2	6	25	17
18	14.8	12.2	9.7	12.2	72	972.0	–	0	7	15	25.0	16.7	10.1	12.4	39	971.8	–	0	7	15	18
19	20.0	14.1	8.8	11.3	48	968.5	030	10	7	20	26.6	16.8	8.8	11.3	33	968.4	150	25	8	10	19
20	15.0	12.4	9.4	11.9	70	970.8	–	0	0	8	24.6	14.0	2.8	7.5	24	971.1	–	0	0	6	20
21	20.8	11.9	1.6	6.8	28	966.5	070	6	7	10	26.4	15.3	4.6	8.5	25	968.3	270	3	0	12	21
22	15.2	11.0	6.6	9.8	57	971.7	–	0	0	15	23.4	14.3	5.6	9.1	31	972.6	–	0	0	30	22
23	14.5	9.5	3.4	7.9	48	972.7	030	2	0	30	26.7	14.5	1.4	6.8	19	973.4	–	0	0	30	23
24	14.2	9.8	4.8	8.7	54	971.5	–	0	1	20	27.6	15.8	4.6	8.5	23	971.8	210	5	4	30	24
25	20.1	13.5	7.3	10.2	43	971.3	–	0	8	30	30.1	16.1	2.1	7.1	17	968.9	160	15	4	30	25
26	21.7	13.5	5.3	9.0	34	969.6	–	0	5	12	31.0	17.0	4.1	8.2	18	970.7	150	13	5	15	26
27	21.7	15.8	11.1	13.3	51	972.3	–	0	4	30	28.2	18.0	10.3	12.5	33	972.6	180	12	4	25	27
28	17.6	11.4	4.6	8.5	42	972.4	–	0	0	5	23.6	14.0	4.3	8.4	29	971.7	220	4	2	15	28
29	12.8	10.0	7.1	10.1	68	970.1	–	0	0	10	24.4	14.1	3.4	7.9	26	970.1	290	8	0	15	29
30	15.0	9.8	2.8	7.5	44	969.6	–	0	8	20	26.1	15.1	4.4	8.4	25	970.5	240	2	5	20	30
31	16.4	11.5	6.4	9.7	52	969.1	–	0	8	40	26.4	15.3	4.6	8.5	25	969.9	300	8	8	40	31
Av.	15.4	10.9	6.1	9.6	57	971.2	–	3	4	16	24.1	14.6	5.2	9.1	32	971.5	–	7	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 : March Year : 1964

Station : Masjid-i-Sulaiman

Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°59' N. | Long : 49°15' E.

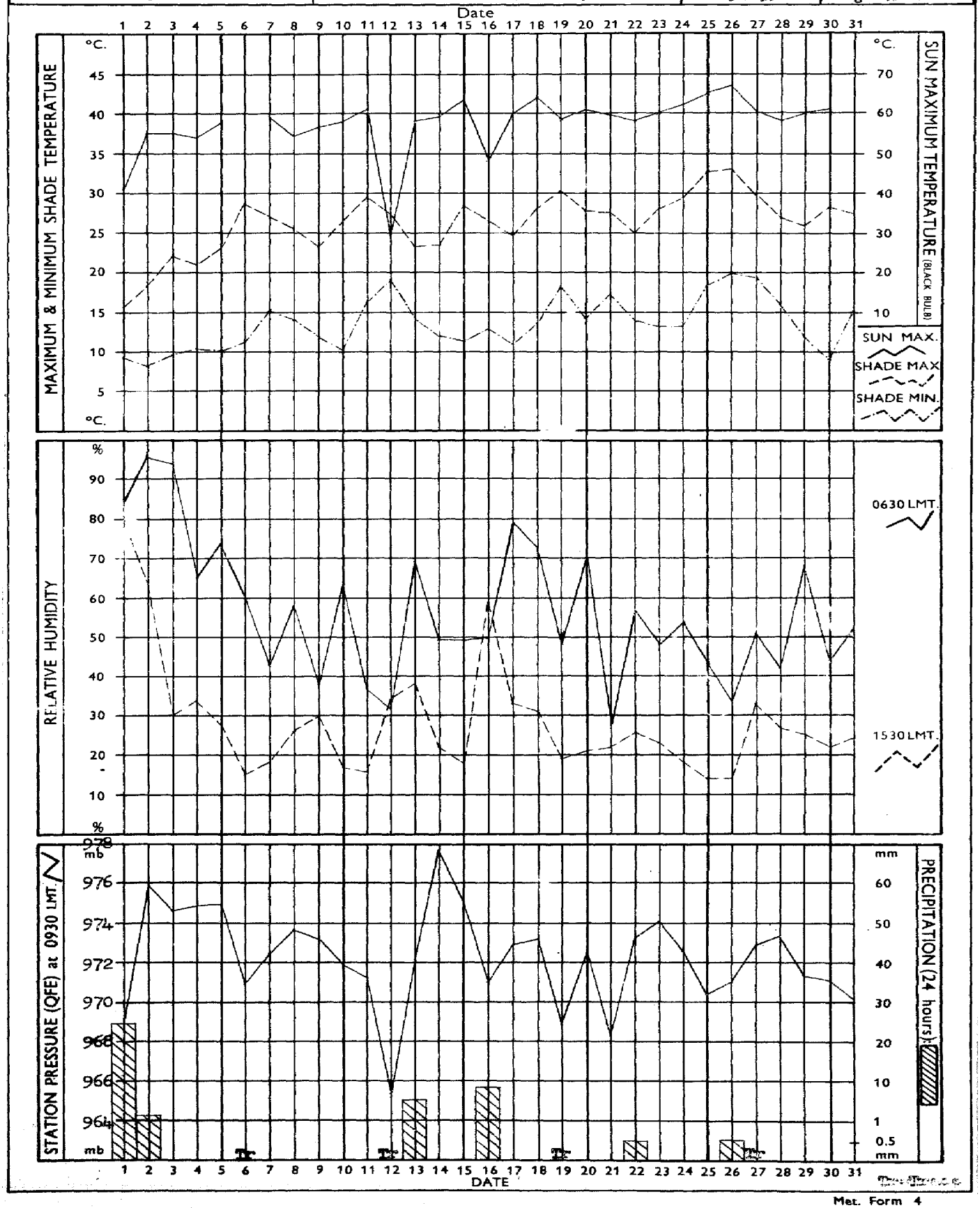
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
12.2	10.8	9.4	11.9	83	972.2	060	5	7	20		15.7	9.2	6.6	41.0	360	28	24.6	Th.storm	1
16.5	13.5	11.0	13.1	69	973.4	–	0	0	30		18.3	8.3	5.6	55.2	220	9	1.3	Mist	2
19.0	12.5	5.8	9.3	42	970.9	180	4	1	15		22.0	9.5	6.6	55.2	150	16	0	Fair	3
17.4	12.5	7.6	10.6	53	973.2	–	0	1	30		21.1	10.5	7.2	54.0	330	9	0	"	4
19.8	13.0	6.3	9.6	39	972.6	–	0	0	20		22.9	10.0	5.6	57.5	270	8	0	Clear	5
24.1	12.9	−0.5	5.9	20	968.1	180	10	X	0.2		28.8	11.2	6.6		190	30	Tr.	Rain	6
21.8	13.7	5.6	9.2	35	971.1	300	4	0	5		27.0	15.1	6.6	59.4			0	Haze	7
22.2	12.3	0.6	6.4	24	971.3	170	7	6	20		25.6	14.0	8.9	54.5	230	11	0	"	8
20.0	12.0	3.2	7.7	33	970.7	300	4	8	15		23.3	12.1	7.8	56.7	230	15	0	"	9
21.4	12.5	2.6	7.4	29	968.8	–	0	6	30		26.3	10.3	5.4	58.1	150	14	0	P.Cloudy	10
25.8	14.4	2.4	7.3	22	967.9	180	2	8	4		29.4	16.3	15.2	61.2	080	26	0	Haze	11
19.5	13.4	7.3	10.3	45	967.3	090	30	8	20		27.3	19.1	18.3	25.2	110	65	Tr.	Rainsh.	12
20.6	13.4	6.4	9.6	40	971.7	–	0	0	5		23.2	14.2	12.8	58.0	060	31	5.2	Haze	13
20.2	11.8	2.1	7.1	30	975.8	330	3	0	15		23.6	12.2	8.3	59.2	230	13	0	Dust	14
26.4	13.6	−1.6	5.4	16	970.0	–	0	7	30		28.6	11.4	6.3	63.4	130	16	0	Haze	15
18.0	14.0	10.5	12.8	62	967.0	300	8	3	40		26.5	13.1		48.0	110	46	8.4	Rainsh.	16
21.4	15.3	10.3	12.6	49	971.6	–	0	3	30		24.8	11.1	8.6	60.0	040	9	0	Fair	17
23.9	17.0	11.8	13.9	47	970.9	–	0	6	20		28.1	13.7	10.6	64.1	180	23	0	Cloudy	18
23.2	15.4	8.6	11.1	40	969.4	180	10	0	3		30.2	18.3	14.4	58.6	360	40	Tr.	Sandst.	19
25.0	15.0	5.5	9.1	28	968.8	–	0	0	6		27.8	14.2	10.6	61.0			0	Haze	20
24.0	14.0	3.5	7.9	26	967.1	300	4	1	10		27.6	17.2	14.2	59.5	320	14	0	Rainsh.	21
23.2	13.3	4.0	8.2	31	971.7	290	2	0	30		25.0	14.0	9.3	58.0	270	19	0.5	Clear	22
24.0	14.5	5.3	9.0	30	971.5	–	0	1	40		27.9	13.2	12.1	60.0	330	11	0	"	23
27.4	14.8	1.5	6.8	19	968.5	–	0	6	30		29.4	13.3	8.3	62.0	290	11	0	P.Cloudy	24
29.2	15.8	2.3	7.3	18	968.2	180	6	4	3		32.8	18.4	16.1	64.8	150	27	0	Haze	25
28.4	16.0	4.2	8.3	21	969.3	160	15	7	12		33.1	20.0	14.6	66.8	250	34	0.5	Rainsh.	26
26.5	16.4	7.7	10.6	31	970.1	240	5	7	15		29.7	19.4	14.4	60.4	320	22	Tr.	"	27
21.7	12.8	3.2	7.7	30	969.4	270	10	0	30		26.7	16.1	11.4	59.0	040	22	0	Haze	28
24.0	14.0	3.8	8.0	27	968.5	290	6	8	40		25.9	12.1	8.3	59.8	050	16	0	"	29
24.4	15.0	6.3	9.6	31	969.7	330	5	8	50		28.2	9.0	9.0	61.2	350	16	0	O-cast	30
24.5	14.5	4.7	8.6	28	968.4	–	0	5	40		27.4	15.1	14.3		320	16	0	Cloudy	31
22.4	13.9	5.2	9.1	35	970.2	–	5	4	21										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

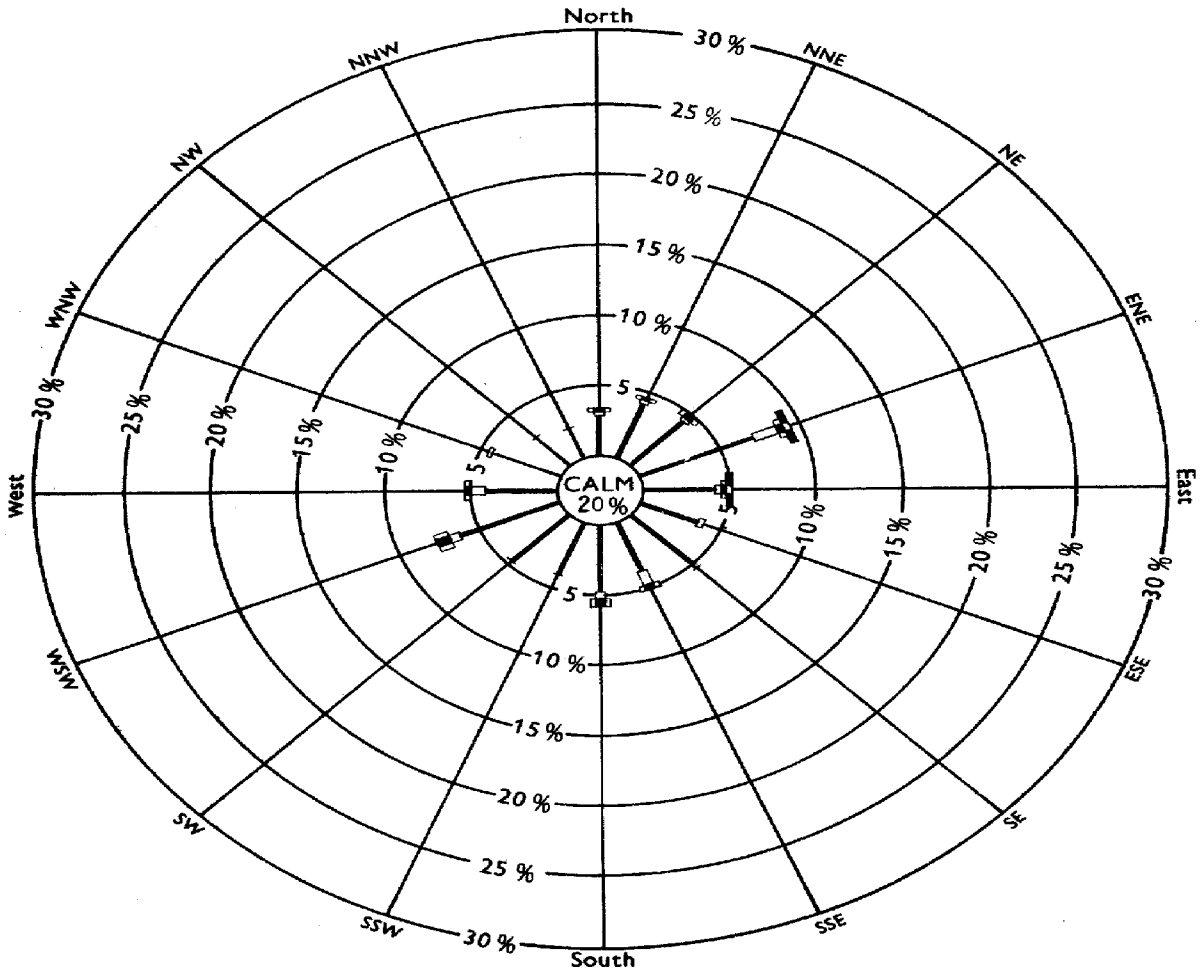
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : March	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°15' E.



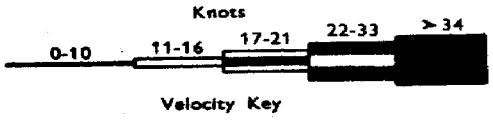
Met. Form 4

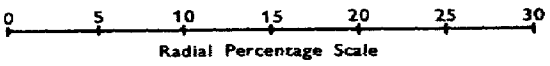
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : March	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Hours in month 744

Hours recorded 702





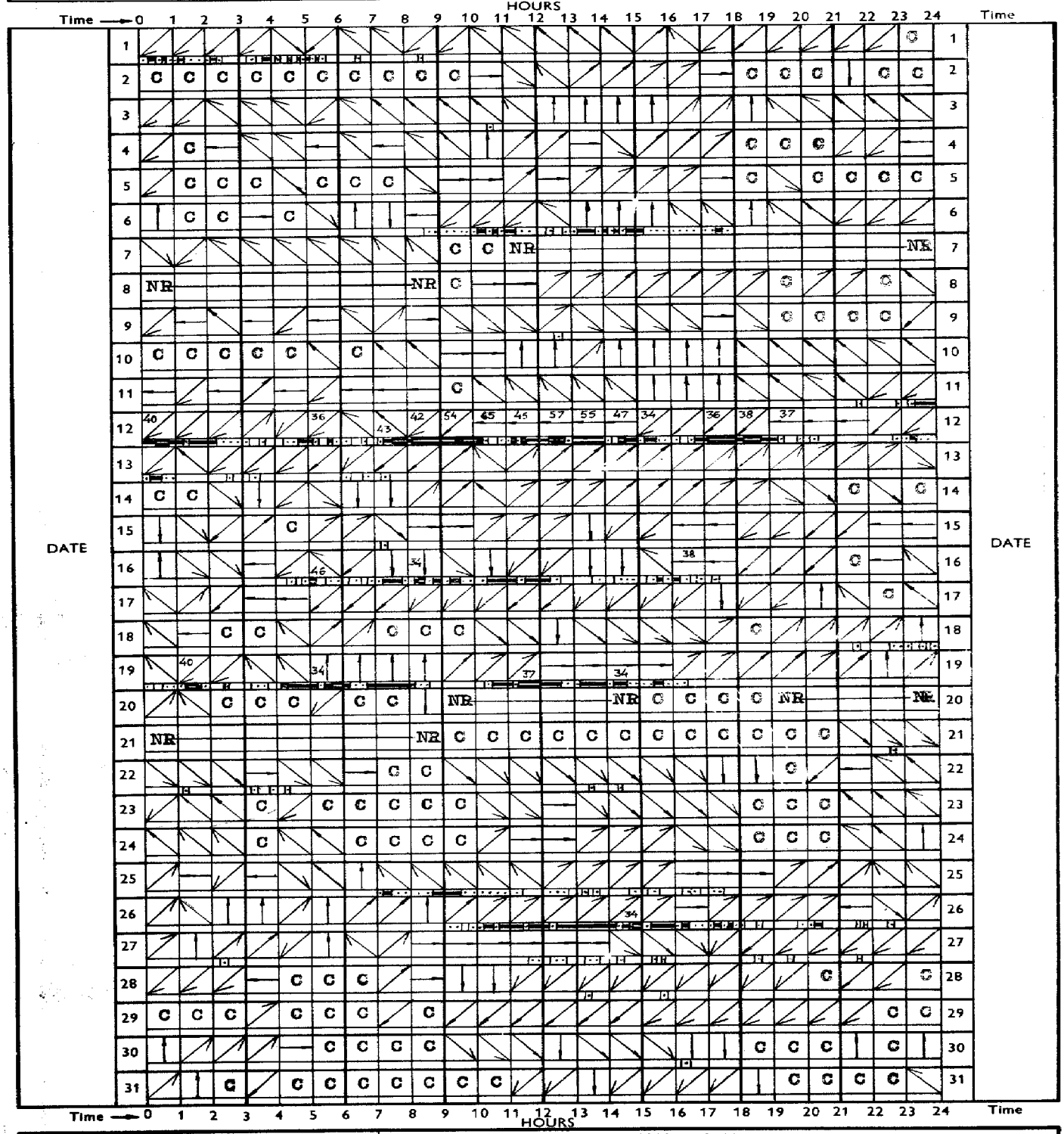
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 :

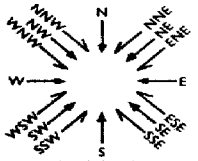
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : March	Year : 1954
		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 : March Year : [illegible]

Station : Agha Jari

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long : 49.[illegible]° 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	16.0	13.7	11.8	13.9	77	1006.2	180	8	5	5	20.2	14.0	8.3	11.0	47	1011.2	290	[illegible]	8	[illegible]	1
2	9.5	7.9	5.8	9.3	78	1015.0	–	0	0	30	21.0	13.8	6.1	9.5	38	1015.5	300	10	1	[illegible]	2
3	10.0	7.0	3.2	7.7	63	1012.9	–	0	0	30	24.1	13.5	1.8	7.0	23	1013.7	140	6	1	[illegible]	3
4	9.9	6.8	2.6	7.4	61	1013.5	–	0	0	30	24.4	13.0	-0.6	5.9	19	1014.2	320	10	1	[illegible]	4
5	9.0	6.0	3.5	7.9	69	1014.8	–	0	0	20	24.0	14.0	3.7	8.0	27	1014.3	–	[illegible]	[illegible]	12	5
6	10.2	7.0	2.8	7.5	60	1011.1	–	0	2	30	29.5	13.9	-7.2	3.4	8	1009.0	150	23	1	[illegible]	6
7	14.3	9.0	2.3	7.3	45	1010.8	130	2	0	15	28.2	15.1	1.1	6.7	18	1011.2	190	11	2	[illegible]	7
8	13.0	8.5	2.8	7.5	52	1011.8	–	0	0	6	28.1	15.6	3.3	7.8	20	1012.5	[illegible]	18		[illegible]	8
9	12.9	8.5	3.1	7.6	51	1013.4	–	0	6	30	22.0	13.2	4.2	8.2	31	1013.3	230	[illegible]	[illegible]	[illegible]	9
10	8.4	5.2	0.2	6.3	57	1011.2	–	0	2	30	25.7	13.4	-1.1	5.6	17	1011.2	–	6	2	[illegible]	10
11	16.4	10.6	4.1	8.2	44	1009.9	160	5	8	30	31.0	13.9	-10.1	2.0	3	1008.4	160	20	8	[illegible]	11
12	30.0	14.8	-3.3	4.7	11	1003.8	150	30	8	6	30.1	15.0	-2.7	5.0	16	1007.9	160	[illegible]	8	[illegible]	12
13	18.2	16.4	15.2	17.3	83	1009.7	120	4	4	6	25.5	19.8	16.3	18.6	57	1011.7	300	7	1	[illegible]	13
14	16.8	10.6	3.4	7.9	41	1015.5	–	0	0	8	27.0	14.5	1.0	6.5	19	1015.5	350	[illegible]	[illegible]	[illegible]	14
15	12.2	8.6	4.3	8.3	58	1014.0	–	0	5	30	29.6	15.7	5.0	8.3	21	1013.1	140	5	1	[illegible]	15
16	21.8	13.6	2.7	7.5	25	1006.0	130	30	7	6	27.4	19.3	12.8	16.3	44	1005.3	270	[illegible]	[illegible]	[illegible]	16
17	12.2	10.9	9.7	12.1	85	1012.2	–	0	0	20	24.6	16.9	10.9	13.1	42	1011.9	–	0	8	[illegible]	17
18	14.2	11.6	9.1	11.6	71	1011.9	–	0	8	20	28.4	17.9	9.8	12.1	31	1011.2	–	0	8	[illegible]	18
19	23.4	15.5	8.7	11.3	39	1008.1	110	27	0	6	32.0	17.2	3.3	7.8	16	1008.5	170	[illegible]	[illegible]	6	19
20	21.6	14.2	7.4	10.4	40	1008.7	–	0	0	15	31.0	17.3	5.0	8.8	20	1009.4	–	0	8	15	20
21	18.9	12.5	6.1	9.4	43	1005.6	–	0	8	15	28.9	16.2	4.3	8.3	21	1006.1	–	0	8	15	21
22	18.8	12.2	5.1	9.0	41	1012.4	–	0	0	30	25.7	14.7	3.7	8.0	24	1012.7	–	0	0	40	22
23	11.9	8.8	5.1	8.8	64	1012.8	–	0	0	40	28.0	15.1	1.7	6.9	18	1012.8	320	7	0	40	23
24	12.5	7.5	0.6	6.4	44	1011.2	–	0	2	30	29.7	16.0	2.2	7.2	17	1011.2	–	0	2	30	24
25	21.4	12.9	3.9	8.1	32	1009.5	040	6	5	15	34.0	16.3	-4.0	4.4	8	1007.9	180	25	0	15	25
26	22.5	13.5	4.3	8.3	30	1008.9	140	6	4	20	34.5	17.4	0.1	6.2	11	1009.8	180	[illegible]	[illegible]	[illegible]	26
27	20.6	16.1	12.7	14.7	60	1010.3	140	8	3	15	32.3	19.3	9.7	12.0	25	1011.3	180	14	0	30	27
28	16.2	10.4	3.8	8.0	43	1012.3	–	0	3	6	27.0	14.7	1.7	6.9	19	1011.7	320	12	8	12	28
29	13.0	9.0	4.3	8.3	56	1010.6	–	0	0	40	26.1	15.0	4.0	8.2	24	1009.7	320	6	0	40	29
30	13.1	8.3	2.0	7.1	47	1010.2	–	0	5	30	27.6	15.7	4.4	8.4	23	1010.4	210	6	8	40	30
31	15.0	10.6	6.0	9.4	55	1009.0	–	0	3	30	26.6	15.6	5.4	9.0	26	1009.7	–	0	8	30	31
Av.	15.7	10.6	4.9	9.0	52	1010.7	–	4	3	21	27.6	15.6	3.3	8.3	24	1011.1	–	11	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)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: March Year: 1964

Station: Agha Jari

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

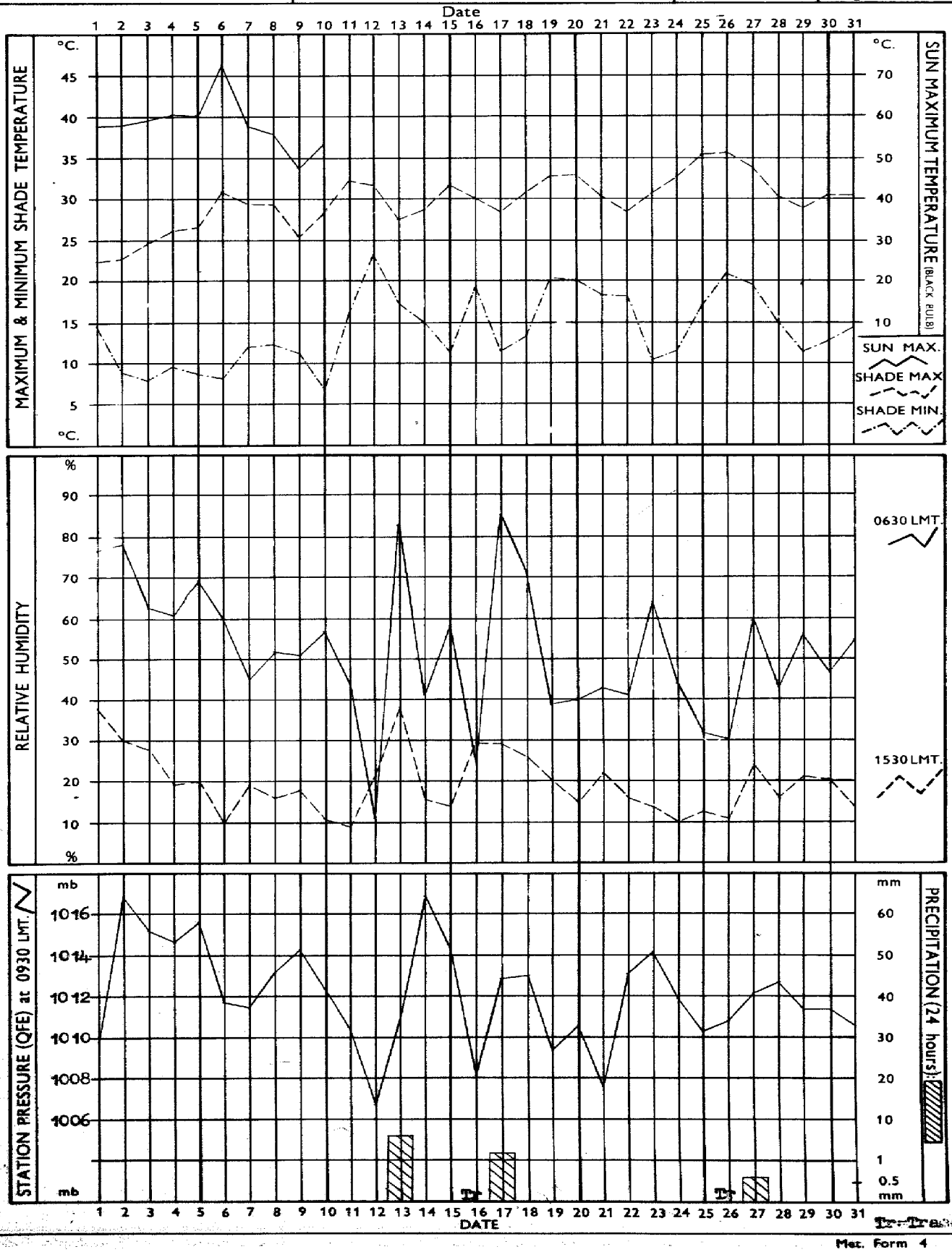
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
18.6	13.5	8.9	11.4	53	1012.7	310	12	5	40		22.5*	14.7*		57.8	140	26	0	Haze	1
20.5	13.0	5.4	9.0	36	1013.8	320	2	0	40		22.7	8.9		57.9	310	20	0	Fair	2
21.2	11.7	0.1	6.2	25	1011.5	180	7	0	50		24.6	7.9		59.0	200	19	0	"	3
22.7	12.6	1.0	6.5	24	1012.6	310	4	0	30		26.2*	9.5		60.3	290	20	0	Clear	4
23.3	12.5	-0.5	5.9	21	1012.4	290	5	1	30		26.6	8.8*		60.0	340	13	0	"	5
26.5	13.4	-2.8	4.9	14	1007.7	150	22	0	4		30.9	8.2		73.0	180	39	0	Haze	6
27.4	15.5	3.9	8.1	22	1009.2	–	0	0	30		29.4	12.1		57.8	190	17	0	P.Cloudy	7
25.1	13.7	0.8	6.5	20	1011.4	300	10	5	5		29.4	12.4		56.0	320	21	0	Haze	8
22.4	12.8	2.1	7.1	26	1010.4	–	0	8	30		25.5	11.3		47.8	270	14	0	Cloudy	9
25.5	12.4	-5.5	3.9	12	1008.2	–	0	7	30		28.3	6.7		53.5		23	0	P.Cloudy	10
27.1	12.9	-7.3	3.3	7	1007.1	180	13	8	30		32.2	16.2			120	31	0	Haze	11
26.4	15.4	.0	8.7	25	1005.1	170	26	8	1		31.7	23.4			190	67	0	Sandst.	12
24.0	16.0	.4	11.9	40	1010.9	330	6	0	5		27.5	17.2			070	20	6.1	Th.storm	13
24.2	13.5	1.7	6.9	23	1014.5	330	8	0	20		28.8	15.0			350	25	0	Haze	14
27.0	14.4	0.4	6.3	18	1009.2	160	5	8	40		31.8	11.4			200	22	0	P.cloudy	15
24.2	16.8	11.1	13.2	44	1006.5	190	10	3	0.8		30.1	19.0			110	38	Tr.	Th.storm	16
26.9	16.5	7.6	10.5	30	1010.4	320	6	5	30		28.6	11.6			330	14	1.8	Fair	17
26.9	16.4	7.3	10.3	29	1010.8	200	5	8	30		30.8	13.5			120	27	0	O-cast	18
24.5	16.2	9.4	11.9	39	1009.2	170	20	0	6		32.7	20.4			270	50	0	Haze	19
30.2	15.1	-2.7	5.1	12	1005.4	–	0	8	7		33.1	20.1*			320	12	0	"	20
26.5	16.5	8.1	10.8	31	1007.5	140	6	0	15		30.2	18.3					0	Cloudy	21
26.7	14.1	-0.3	6.0	17	1011.0	310	7	0	40		28.4	18.2*					0	Clear	22
28.6	14.7	-2.7	5.1	12	1010.7	310	4	2	40		30.8	10.4					0	"	23
27.4	15.0	2.2	7.2	21	1008.1	210	12	8	40		32.8	11.6			200	21	0	P.Cloudy	24
29.5	15.2	-0.6	5.9	14	1006.9	170	15	0	40		35.6	17.1			160	35	0	Haze	25
29.3	17.5	7.8	10.6	26	1007.6	180	14	7	6		35.8	21.0			160	34	Tr.	Rain	26
29.4	17.3	7.1	10.1	25	1010.2	180	5	5	30		33.8	19.5			180	32	0.6	P.Cloudy	27
24.9	14.0	2.3	7.3	23	1009.4	300	14	1	30		30.4	15.0			[illegible]	25	0	Haze	28
26.8	14.0	0.7	5.8	17	1007.3	330	10	2	40		28.9	11.6			310	28	0	Fair	29
28.3	15.4	2.2	7.2	19	1008.5	–	0	8	40		30.6	12.9					0	Cloudy	30
27.8	16.0	5.0	8.7	23	1007.5	260	10	7	30		30.6	14.4					0	"	31
25.8	14.3	2.8	7.8	24	1009.5	–	8	4	26		29.8	14.1							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

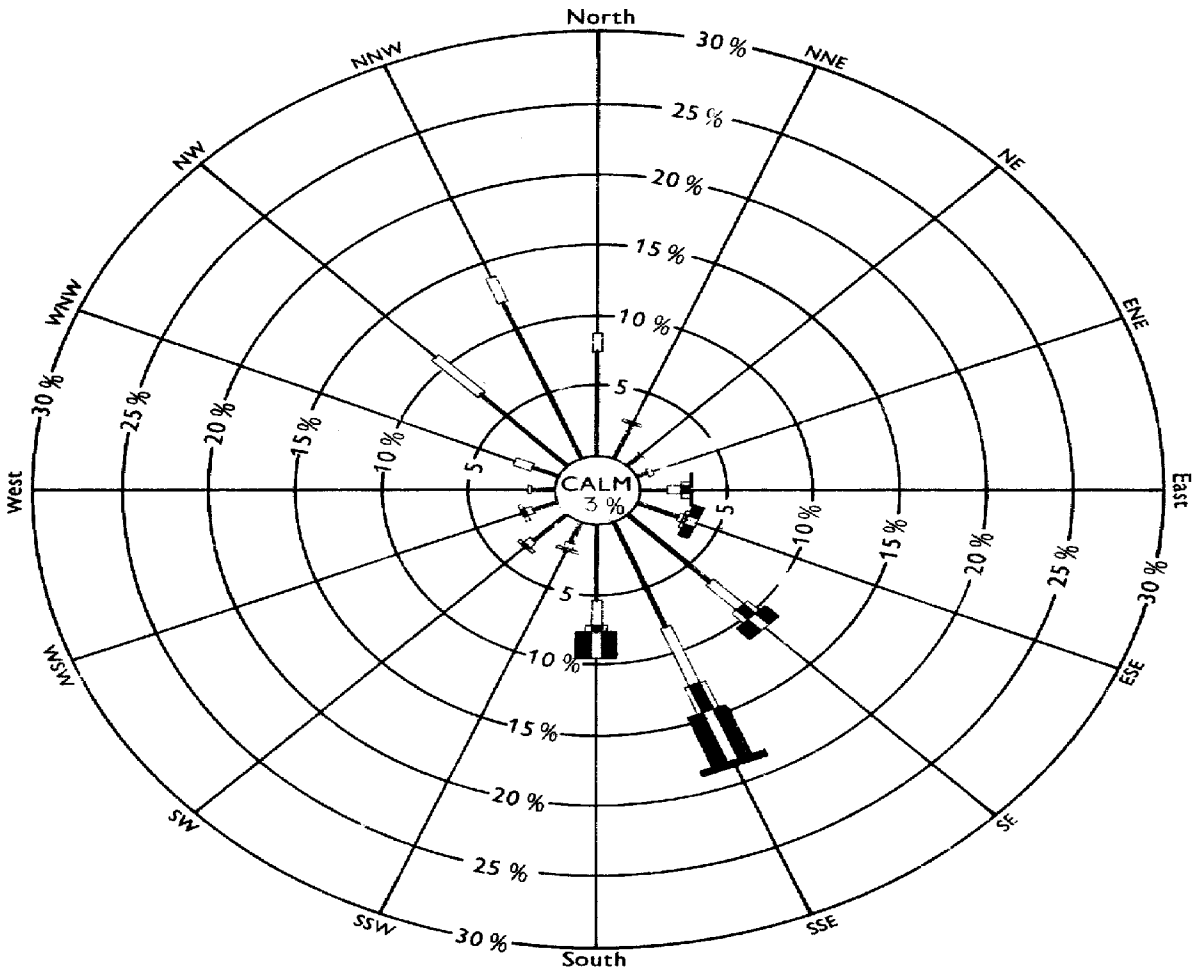
IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : March	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Tr=Trace

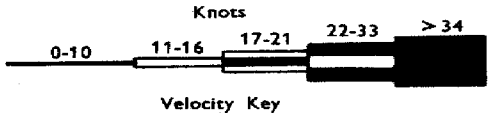
Met. Form 4

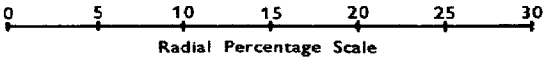
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : March	Year : 1954
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : [illegible] E.



Hours in month 744

Hours recorded 585





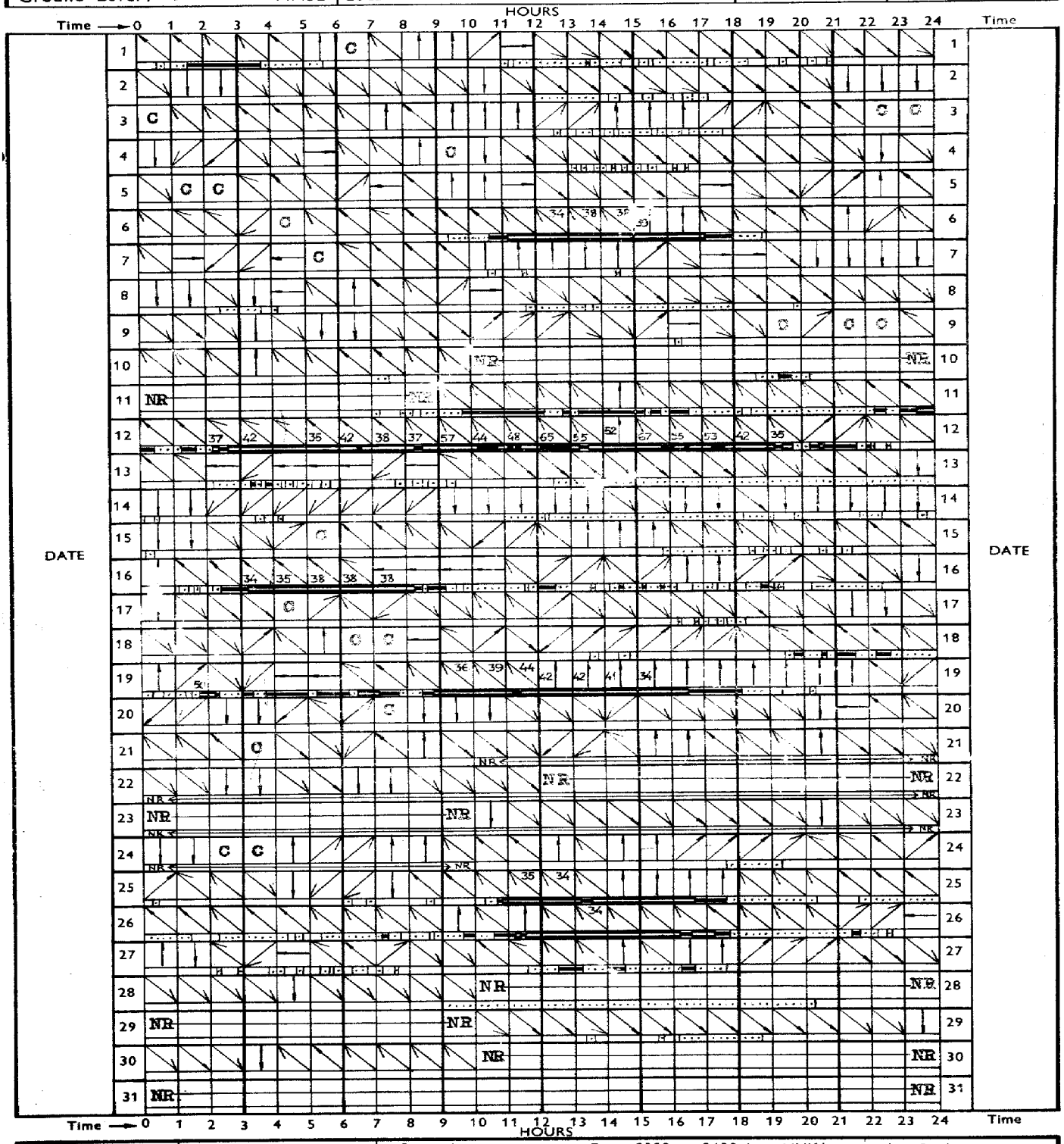
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 :

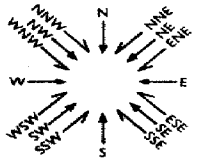
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : March	Year : 1955
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30° 44.0' N.	Long : 49° 40.0' 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 : Graph not changed from 30th March 1000 until 2nd April 0900.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : March 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			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	12.9	10.5	8.1	10.8	73	927.0	130	10	2	7	16.2	12.5	9.1	11.5	62	930.3	240	12	4	2	1
2	5.0	4.6	4.1	8.2	94	932.7	–	0	0	15	15.3	10.1	4.1	8.2	47	933.3	280	8	3	20	2
3	4.5	3.5	2.1	7.1	84	932.9	–	0	0	20	19.0	11.5	3.0	7.6	35	932.9	160	2	1	25	3
4	6.0	4.3	1.8	7.0	75	933.0	–	0	0	20	19.5	11.0	0.6	6.3	28	933.0	–	0	0	15	4
5	4.9	3.0	0.0	6.1	70	933.8	–	0	0	14	19.2	10.0	-2.7	4.9	22	933.8	–	0	0	20	5
6	7.5	4.4	-0.4	5.9	57	931.3	–	0	1	20	24.4	10.0	-22.8	0.8	3	931.8	120	7	3	25	6
7	11.7	7.8	2.8	7.5	55	931.6	–	0	3	20	24.0	12.7	-1.0	5.6	19	931.5	100	10	7	15	7
8	8.1	5.5	1.8	7.0	65	932.0	–	0	0	20	25.0	13.1	-1.1	5.6	18	932.4	160	4	0	20	8
9	8.8	5.3	0.0	6.1	54	932.2	–	0	6	14	22.0	11.4	-2.5	5.0	19	931.5	230	8	6	8	9
10	5.6	3.6	0.4	6.3	69	930.9	–	0	1	15	22.0	10.5	-6.7	3.5	13	931.1	130	5	1	20	10
11	13.0	7.0	-1.8	5.3	35	931.6	120	4	6	20	25.1	12.5	-4.0	4.4	14	931.6	130	4	7	15	11
12	24.0	13.0	0.2	6.2	21	929.4	090	18	8	15	23.2	13.9	4.4	8.4	30	933.6	210	20	8	4	12
13	14.0	12.8	11.7	13.8	86	930.8	160	9	8	10	19.6	16.1	13.6	15.5	68	931.4	–	0	7	10	13
14	10.9	9.7	8.4	11.1	85	935.0	–	0	0	7	21.7	14.8	8.8	11.4	44	935.0	–	0	1	7	14
15	8.7	7.6	6.4	9.6	85	934.5	–	0	7	12	24.5	12.0	-5.0	4.0	13	934.0	130	8	5	25	15
16	14.8	12.5	10.4	12.6	75	931.9	090	23	7	12	19.6	15.4	12.1	14.2	62	928.0	150	13	7	20	16
17	10.9	10.4	9.9	12.2	94	931.8	–	0	0	0.9	20.6	13.5	6.7	9.8	40	931.7	090	2	0	5	17
18	10.0	9.0	7.9	10.7	87	932.3	170	1	7	8	25.0	14.6	4.3	8.3	26	932.4	140	8	7	20	18
19	17.5	12.0	6.4	9.6	48	931.8	120	8	1	6	25.1	15.1	5.7	9.2	29	931.7	120	12	7	15	19
20	13.0	11.0	9.1	11.5	77	931.9	–	0	1	7	26.0	14.0	0.7	6.4	19	930.2	170	6	5	4	20
21	22.8	14.4	6.4	9.7	35	928.8	–	0	8	12	18.0	13.9	10.3	12.6	61	931.6	360	10	8	8	21
22	9.8	8.8	7.7	10.5	87	931.5	–	0	0	15	21.2	15.0	9.7	12.1	48	931.9	160	4	0	20	22
23	6.8	5.8	4.4	8.4	85	932.2	–	0	0	20	23.5	13.9	4.1	8.2	28	932.6	–	0	0	30	23
24	10.0	7.2	3.7	8.0	65	931.7	–	0	1	20	26.2	14.0	0.2	6.2	18	931.6	170	9	1	30	24
25	14.4	9.8	4.4	8.4	51	931.4	110	7	4	20	26.6	14.6	1.8	7.0	20	931.4	140	8	3	20	25
26	16.1	11.1	5.8	9.2	50	931.9	110	5	4	20	27.8	16.4	6.3	9.5	25	933.3	090	8	4	20	26
27	22.1	15.0	8.8	11.4	43	933.3	100	3	5	20	20.9	15.4	11.0	13.1	53	934.8	070	15	8	20	27
28	15.0	13.8	12.8	14.8	87	932.1	050	1	7	20	23.0	15.5	9.2	11.6	41	931.8	320	6	7	14	28
29	6.8	6.2	5.4	9.0	91	929.7	–	0	0	15	19.6	11.9	3.4	7.8	34	929.0	280	6	1	15	29
30	9.2	7.8	6.1	9.5	82	930.3	–	0	7	15	23.5	13.5	2.8	7.5	26	930.8	290	2	8	20	30
31	11.5	9.0	6.2	9.5	70	929.7	090	1	6	20	22.9	12.8	1.2	6.7	24	929.9	240	12	7	20	31
Av.	11.5	8.6	5.2	9.1	69	931.6	–	3	3	15	22.3	13.3	2.8	8.2	32	931.9	–	7	4	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 : March Year : 1964
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Gach Saran
		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		
13.4	10.2	6.8	9.9	64	930.8	270	10	3	15		17.8	9.4	8.3	55.0			Tr.	Th.storm	1
15.5	9.5	2.1	7.1	41	932.3	270	10	0	20		18.9	3.9	2.7	54.0			0	Fair	2
17.8	10.3	0.9	6.5	32	931.0	280	5	0	25		21.2	3.9	2.8	54.0			0	"	3
16.8	8.8	-2.[illegible]	5.0	16	931.6	270	8	0	20		20.6	5.0	3.6	54.4			0	Clear	4
17.3	8.7	-4.0	4.4	22	932.4	270	6	0	20		22.2	3.6	2.6	54.7			0	"	5
21.4	11.0	-2.9	4.8	19	930.6	170	7	7	15		26.3	5.7	4.6	62.4			0	P.Cloudy	6
21.4	11.3	-1.8	5.3	21	930.5	260	8	5	15		26.2	10.5	9.6	58.6			0	"	7
21.9	11.0	-4.0	4.4	17	931.3	270	10	7	6		27.3	7.2	6.3	58.8			0	Haze	8
17.4	10.4	1.9	7.0	35	930.4	280	8	5	14		24.2	7.7	7.5	60.5			0	"	9
20.1	11.9	2.6	7.4	31	929.6	–	0	7	30		24.7	4.7	4.0	57.2			0	P.Cloudy	10
22.4	12.0	-0.9	5.7	21	929.8	150	5	6	10		27.3	12.6	11.2	60.0			0	Haze	11
22.8	12.5	[illegible].4	6.3	23	928.5	110	8	8	14		25.2	17.4	17.0	[illegible]			Tr.	Rain	12
18.9	16.4	[illegible].7	16.7	77	931.4	–	0	6	10		24.0	12.4	11.6	51.5			7.1	Th.storm	13
19.3	12.0	[illegible].1	8.2	37	934.1	260	6	0	10		23.9	9.4	8.7	56.5			0	Mist	14
22.5	15.0	8.4	11.0	40	931.8	–	0	5	15		26.8	7.9	7.2	59.0			0	Cloudy	15
18.8	13.4	8.4	11.0	51	927.7	150	8	0	14		23.9	14.0	12.4	61.4			3.9	Th.storm	16
20.4	14.0	8.2	10.9	46	931.0	270	8	4	6		24.5	10.0	9.6	56.3			0	Dust	17
21.4	14.6	8.6	11.2	44	932.8	–	0	8	8		26.8	9.6	8.8	60.0			0	Haze	18
23.0	14.0	5.1	8.8	31	930.4	180	7	1	6		27.1	15.8	13.9	60.0			0	"	19
25.8	14.7	3.5	7.9	24	928.4	180	7	7	6		28.7	12.1	10.6	62.0			0	"	20
17.4	13.6	10.3	12.5	63	930.7	090	7	7	20		25.8	15.3	14.5	26.5			3.7	Rain	21
19.4	11.2	1.4	6.8	30	930.9	270	8	0	20		23.1	9.4	8.4	55.1			0	Clear	22
22.0	11.7	-1.3	5.5	21	931.3	270	8	1	30		26.2	6.0	5.6	58.0			0	"	23
24.4	12.9	-0.9	5.7	19	929.3	260	6	7	40		29.0	8.0	6.6	60.3			0	P.Cloudy	24
26.0	14.0	0.7	6.4	19	929.8	190	8	1	30		29.7	12.0	11.1	62.8			0	"	25
25.5	15.5	6.3	9.6	30	932.1	–	0	3	20		30.5	13.6	12.9	68.0			0	"	26
16.2	14.4	13.0	14.9	81	932.8	120	8	7	20		25.5	16.0	14.6	50.0			6.6	Th.storm	27
20.6	11.2	-0.5	5.9	24	929.5	260	9	2	20		25.0	14.4	13.6	59.2			0.3	Cloudy	28
20.0	11.4	1.1	6.6	28	927.5	280	14	1	15		22.7	6.1	5.5	56.0			0	Fair	29
21.7	13.2	4.4	8.4	32	929.9	270	10	6	20		26.0	8.0	7.3	64.0			0	Cloudy	30
20.6	10.9	-1.8	5.3	22	928.8	290	12	7	20		24.7	9.7	9.1	59.5			0	"	31
20.4	12.3	3.0	8.0	34	930.6	–	7	4	17		25.0	9.7	8.8	56.4					Av.

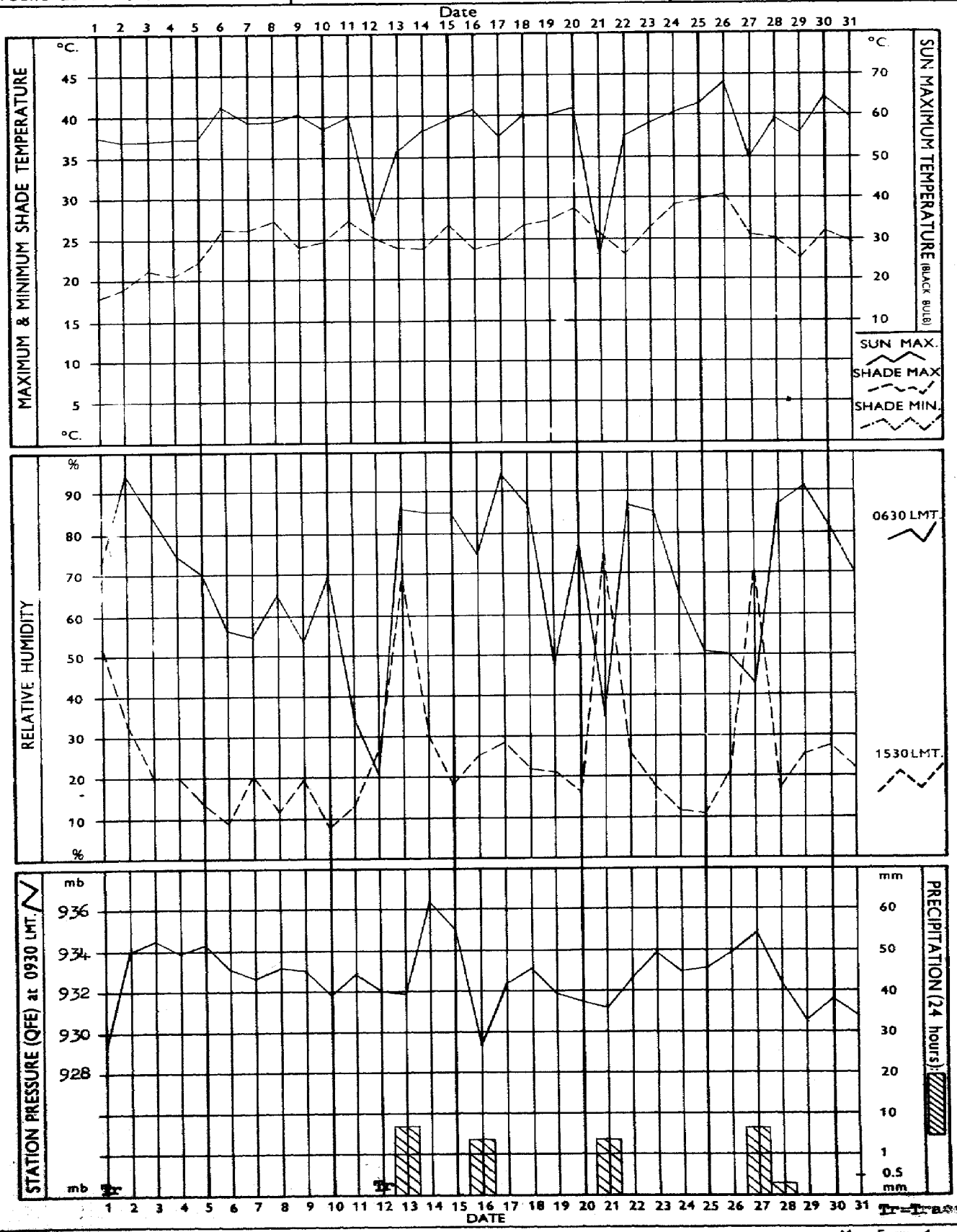
CODE FOR REMARKS (continued)

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

101.

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : March	Year : 1962
		Station : Gach Saran	
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°20' N.	Long : 50°50' E.



Tr=Trace

Met. Form 4

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : March 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	11.8	11.0	10.3	12.6	91	1007.2	330	5	4	20	18.7	13.3	8.3	10.9	51	1012.0	280	18	6	40	1
2	8.6	8.0	7.2	10.3	92	1016.4	310	6	0	25	19.6	13.6	7.8	10.9	48	1016.5	300	14	1	25	2
3	8.0	6.4	4.2	8.3	78	1013.8	100	4	0	20	23.5	14.5	6.9	9.3	32	1013.4	160	25	0	8	3
4	7.0	5.1	2.4	7.3	72	1013.9	040	2	0	25	23.3	14.3	5.6	9.1	32	1015.3	–	0	0	25	4
5	8.5	6.4	3.7	8.0	72	1015.0	010	6	0	20	22.8	13.1	2.4	7.3	25	1015.8	–	0	0	25	5
6	9.8*		3.3*	7.8*	64*	1011.6*					25.7*		1.0*	6.6*	20*	1007.7*					6
7	11.3	9.4	7.2	10.2	77	1011.1	110	6	0	20	27.7	16.1	5.4	9.0	24	1011.8	–	0	0	5	7
8	13.5	9.9	8.0	10.7	69	1013.2	310	10	0	12	24.7	13.7	1.6	6.9	21	1014.3	300	15	0	12	8
9	10.4	7.3	3.3	7.8	62	1014.0	270	8	3	20	21.8	13.0	3.7	8.0	30	1014.2	330	14	7	15	9
10	11.3	8.4	5.0	8.8	65	1010.8	–	0	3	25	24.8	13.5	0.7	6.4	20	1010.3	120	8	1	25	10
11	14.7	9.3	2.7	7.4	44	1009.6	090	5	8	20	28.3	14.8	−0.1	6.0	15	1008.6	140	28	X	0.2	11
12	26.5	16.1	7.0	10.0	29	1002.7	120	40	X	0.2	26.6	16.5	8.0	10.3	31	1004.7	130	45	X	0.1	12
13	15.6*		10.4*	12.8*	72*	1010.2*					24.8*		1.0*	6.6*	21*	1012.0*					13
14	11.7	7.7	2.6	7.5	54	1015.7	120	5	0	1	25.2	13.2	−1.1	5.7	18	1017.1	–	0	1	8	14
15	10.8	7.1	2.2	7.2	56	1013.9	–	0	1	15	26.8	12.8	−6.6	3.5	10	1013.1	080	10	0	10	15
16	17.8	14.7	12.2	14.3	70	1007.6	130	6	8	12	22.0	17.3	14.0	16.0	61	1007.0	020	20	4	15	16
17	11.6	10.7	8.9	12.2	89	1011.6	330	4	0	20	24.2	15.6	8.2	10.9	36	1012.4	–	0	1	20	17
18	15.0	12.3	9.8	12.0	71	1011.9	310	8	8	15	26.4	16.6	8.5	11.1	33	1011.8	020	4	4	20	18
19	17.9*		10.2*	12.5*	61*	1008.1*					28.7*		11.7*	13.8*	35*	1007.4*					19
20	13.0*		9.2*	11.7*	78*	1011.9*										1009.9*					20
21	15.2*		6.6*	9.8*	57*	1006.2*										1007.4*					21
22	13.4*		8.2*	10.9*	71*	1012.6*										1012.5*					22
23	12.3	10.5	8.7	11.4	79	1012.6	300	10	0	25	27.3	16.7	7.8	10.5	30	1013.1	030	6	0	20	23
24	15.2	12.5	10.1	12.4	72	1010.9	–	0	1	20	28.8	18.8	11.7	13.8	35	1011.0	–	0	3	30	24
25	19.0	13.7	8.9	11.4	52	1009.2	090	10	5	20	32.2	15.6	−2.7	4.9	10	1007.4	100	30	0	0.1	25
26	23.3	14.2	5.3	9.0	31	1007.2	160	25	3	2	33.5	17.8	3.2	7.9	15	1007.0	140	40	X	0.2	26
27					46*	1011.2*					31.3*	17.0*	10.0*		22*	1011.9*					27
28	15.2	10.5	4.7	8.5	50	1012.6	300	8	0	10	25.2	14.0	2.0	7.0	21	1012.5	300	13	1	15	28
29	12.8	10.6	8.3	11.0	75	1009.8	–	0	0	12	25.2	14.7	4.4	8.4	27	1010.3	300	4	0	25	29
30	14.6	11.2	7.8	10.7	63	1009.6	290	4	8	30	27.8	14.7	0.4	6.3	17	1010.1	240	8	8	30	30
31	15.0	10.3	5.0	8.7	52	1009.3	240	4	5	25	29.0	15.4	1.0	6.6	17	1009.1	–	0	7	30	31
Av.	13.7	10.1	6.8	10.1	65	1011.0	–	7	3	17	25.9	15.0	4.3	8.7	27	1011.1	–	13	3	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 : March Year : 1954

Station : Abwaz

Ground Level : 21 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°20' N. | Long : 48°35' E.

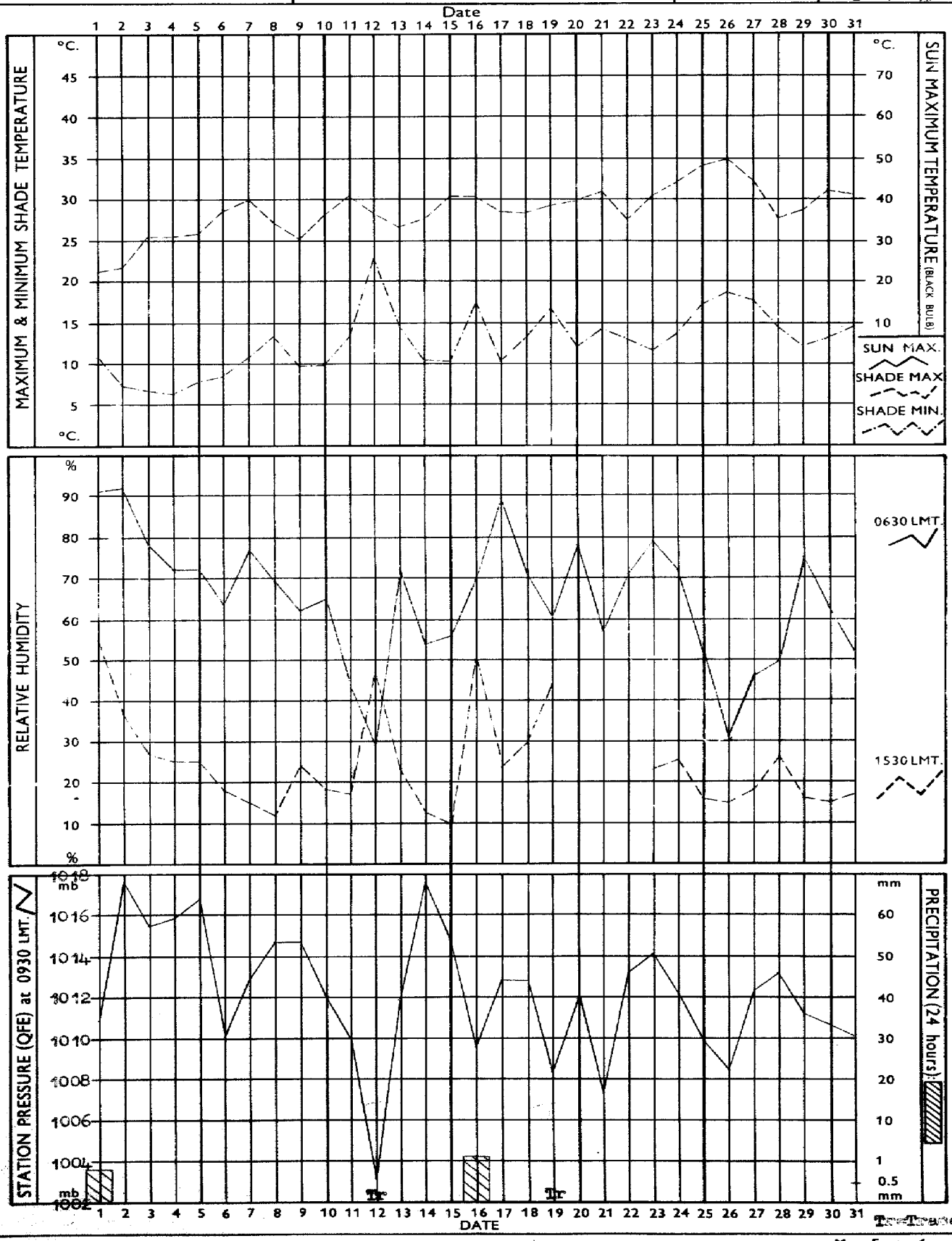
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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
17.1	13.1	9.6	11.9	60	1013.7	300	8	5	35		21.2	10.7	9.2				0.8	Rain	1
19.0	13.8	9.2	11.5	53	1014.6	–	0	0	35		21.7	7.4	6.2				0	Mist	2
20.7	13.1	5.4	9.0	38	1011.2	150	14	0	20		25.4	6.7	5.3				0	Haze	3
21.8	13.8	6.0	9.4	37	1013.6	240	2	1	20		25.5	6.3	5.3				0	Fair	4
22.2	13.2	3.9	8.2	30	1013.3	–	0	0	25		25.8	7.8	5.2				0	Clear	5
22.8	13.8	3.9	8.6	36	1007.1	350	25	X	0.2		29.4	8.4	7.5				0	Sandst.	6
26.0	15.4	5.4	9.0	28	1010.6	–	0	0	5		30.0	10.7	10.0				0	Haze	7
22.4	12.3	0.3	6.3	22	1012.6	320	12	4	20		27.3	13.4	12.3				0	"	8
23.0	13.0	1.8	7.0	24	1011.0	330	6	7	15		25.1	9.8	8.8				0	"	9
24.7	13.7	1.7	6.9	28	1007.8	090	6	3	20		28.0	10.0	6.7				0	Fair	10
27.0	14.8	2.0	7.4	20	1006.2	130	25	8	1.5		30.2	13.8	13.0				0	Sandst.	11
23.7	17.0	14.0	14.0	48	1006.0	130	18	8	6		28.2	22.8	17.4				Tr.	Rain	12
22.0	12.4	0.3	6.7	25	1011.9	300	8	X	0.5		26.8	14.7	14.0				0	Sandst.	13
24.8	12.3	-3.9	4.8	14	1015.2	090	6	0	15		27.6	10.6	9.7				0	Dust.	14
27.0	14.0	-1.1	5.7	16	1008.5	120	8	2	15		30.3	10.3	8.5				0	Haze	15
30.5	15.7	12.1	14.1	58	1007.5	350	15	2	15		30.2	17.0	13.4				1.2	Th.storm	16
25.2	16.2	8.7	11.2	36	1010.7	330	4	3	20		28.5	10.2	10.0				0	Fair	17
25.3	16.4	9.1	11.6	36	1009.4	160	5	8	20		28.3	13.8	13.2				0	Cloudy	18
24.6	16.0	8.7	11.3	36	1008.4	300	8	0	4		29.2	16.7	16.0				Tr.	Sandst.	19
26.5	15.1	3.9	8.1	23	1006.4	020	6	3	15		29.8	12.3	11.2				0	Fair	20
25.9	14.5	2.7	7.4	21	1007.2	300	20	2	12		30.9	14.2	13.4				0	Haze	21
24.8	14.8	5.1	2.8	29	1011.1	290	15	1	30		27.6	13.0	11.1				0	Fair	22
27.2	17.2	9.4	11.7	32	1010.9	300	6	2	25		30.3	11.8	11.2				0	Clear	23
29.0	16.6	5.4	8.9	22	1007.5	180	8	8	25		32.1	13.7	11.2				0	P.Cloudy	24
28.2	15.0	0.8	6.5	17	1006.5	180	14	0	15		34.0	17.2	18.0				0	Sandst.	25
28.0	18.0	10.4	12.7	33	1007.7	200	18	6	1		35.0	18.6	18.2				0	"	26
27.7	14.7	0.6	6.4	17	1009.4	300	12	3	10		32.4	17.7	16.7				0	Haze	27
23.2	13.8	4.2	8.3	29	1009.9	290	18	0	12		27.7	14.5	13.8				0	"	28
25.8	14.3	2.1	7.1	21	1007.8	300	13	6	20		28.7	12.3	11.4				0	Fair	29
26.9	15.3	3.9	8.1	23	1008.6	300	6	8	30		31.1	13.2	12.4				0	Cloudy	30
27.8	15.0	1.7	6.8	18	1007.6	240	4	5	30		30.6	14.6	13.5				0	Cloudy	31
24.7	14.6	4.7	8.7	30	1009.7	–	10	4	17		28.6	12.7	11.4						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 : March	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 : March Year : 1964
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Abadan 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	12.2	10.8	9.4	11.8	83	1010.4	100	8	2	15	20.2	14.4	9.4	11.8	50	1014.3	300	8	4	30	1
2	10.4	8.0	5.1	8.8	70	1018.4	–	0	0	20	19.4	14.2	9.7	12.0	53	1018.8	300	10	1	20	2
3	12.3	11.0	9.8	12.1	85	1014.8	120	8	1	15	24.3	14.2	4.1	8.2	27	1014.3	170	17	1	25	3
4	9.6	8.2	6.6	9.8	82	1015.4	–	0	0	12	24.8	14.6	4.6	8.5	27	1017.1	160	8	0	15	4
5	13.3	8.5	2.4	7.3	48	1017.4	300	10	0	20	23.0	13.2	2.7	7.4	26	1017.5	–	0	0	30	5
6	12.7*		6.7*	9.9*	67*	1011.9*					23.9*		2.7*	7.4*	25*	1008.0*					6
7	13.6	11.8	10.1	12.4	80	1011.6	–	0	0	15	28.4	16.6	6.3	9.6	25	1013.1	080	8	3	3	7
8	15.4	12.2	9.1	11.7	66	1015.5	270	10	0	15	24.2	14.2	4.1	8.2	27	1016.0	320	14	0	3	8
9	15.4	10.4	4.7	8.6	49	1015.8	180	10	1	15	24.0	12.2	−2.9	4.8	17	1015.2	330	20	7	1	9
10	8.8	7.4	5.6	9.2	81	1013.6	–	0	2	15	25.8	15.6	6.2	9.6	29	1013.2	–	0	1	15	10
11	17.8	14.0	10.7	12.9	63	1010.3	140	12	7	12	26.6	15.8	5.8	9.3	27	1009.9	180	20	8	2	11
12	21.6	16.0	11.6	13.8	54	1004.7	150	18	7	5	23.7	16.6	11.1	13.3	45	1007.7	170	20	8	3	12
13	15.0	13.4	12.2	14.2	84	1011.9	–	0	2	1	24.6	15.4	7.2	10.2	33	1014.2	340	7	0	1	13
14	13.2	9.0	3.9	8.1	53	1017.7	120	6	0	2	26.6	14.4	1.1	6.6	19	1018.9	–	0	0	4	14
15	13.8	9.0	3.2	7.7	49	1016.3	–	0	4	10	29.8	14.3	−5.5	3.9	9	1015.0	–	0	7	10	15
16	19.9	15.5	12.1	14.1	61	1007.5	–	0	6	15	26.7	15.4	4.5	8.5	24	1007.7	180	12	X	0.5	16
17	16.0	13.0	10.3	12.6	69	1014.3	–	0	0	15	26.0	17.0	9.8	12.2	36	1014.5	270	10	2	15	17
18	14.9	11.7	9.6	12.0	75	1014.3	–	0	7	15	27.4	18.2	11.5	13.6	37	1015.1	–	0	7	15	18
19	18.6*		13.0*	15.0*	70*	1008.9*					26.4	19.4	14.9	17.0	49	1010.1	120	15	0	3	19
20	19.6*		17.0*	19.4*	81*	1012.9*					29.5*		6.2*	9.5*	23*	1011.4*					20
21	19.0*		11.1*	13.2*	60*	1009.1*					30.0	19.0	11.1	13.2	31	1009.9	320	15	5	5	21
22	14.9*		11.8*	13.9*	82*	1014.4*					25.3*		11.1*	13.2*	41*	1016.6*					22
23	15.2	13.9	12.8	14.9	86	1015.7	320	3	0	30	26.8	16.4	7.5	10.4	30	1016.2	310	10	0	30	23
24	11.0	8.8	6.4	9.7	75	1013.4	–	0	1	20	28.8	15.3	0.9	6.6	17	1012.6	–	0	3	30	24
25	17.9	14.1	10.9	13.1	64	1012.7	090	6	8	10	30.4	16.2	1.9	7.1	17	1009.8	160	20	1	3	25
26	21.0	17.0	14.2	16.2	65	1008.4	160	18	3	15	30.8	19.0	10.2	12.5	28	1009.5	150	26	3	3	26
27	20.0*		6.6*	9.8*	42*	1013.7*					32.5*		0.6*	6.4*	13*	1014.5*					27
28	16.0	11.8	7.6	10.5	58	1015.2	320	4	3	8	25.4	14.9	4.7	8.6	27	1015.8	300	15	3	20	28
29	14.4	10.6	6.7	9.8	60	1013.1	270	10	0	20	27.0	15.6	4.8	8.6	24	1012.3	310	12	0	30	29
30	16.0	12.4	9.1	11.6	64	1012.6	–	0	7	20	28.2	15.6	3.2	7.7	20	1013.4	–	0	7	25	30
31	16.6	12.4	8.4	11.0	58	1011.5	–	0	8	15	27.6	16.3	6.2	9.5	26	1012.3	290	10	7	4	31
Av.	15.3	11.6	9.0	11.8	67	1013.0	–	5	3	14	26.4	15.7	5.7	9.5	28	1013.4	–	11	3	13	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: March Year: 1964

Station: Abadan

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

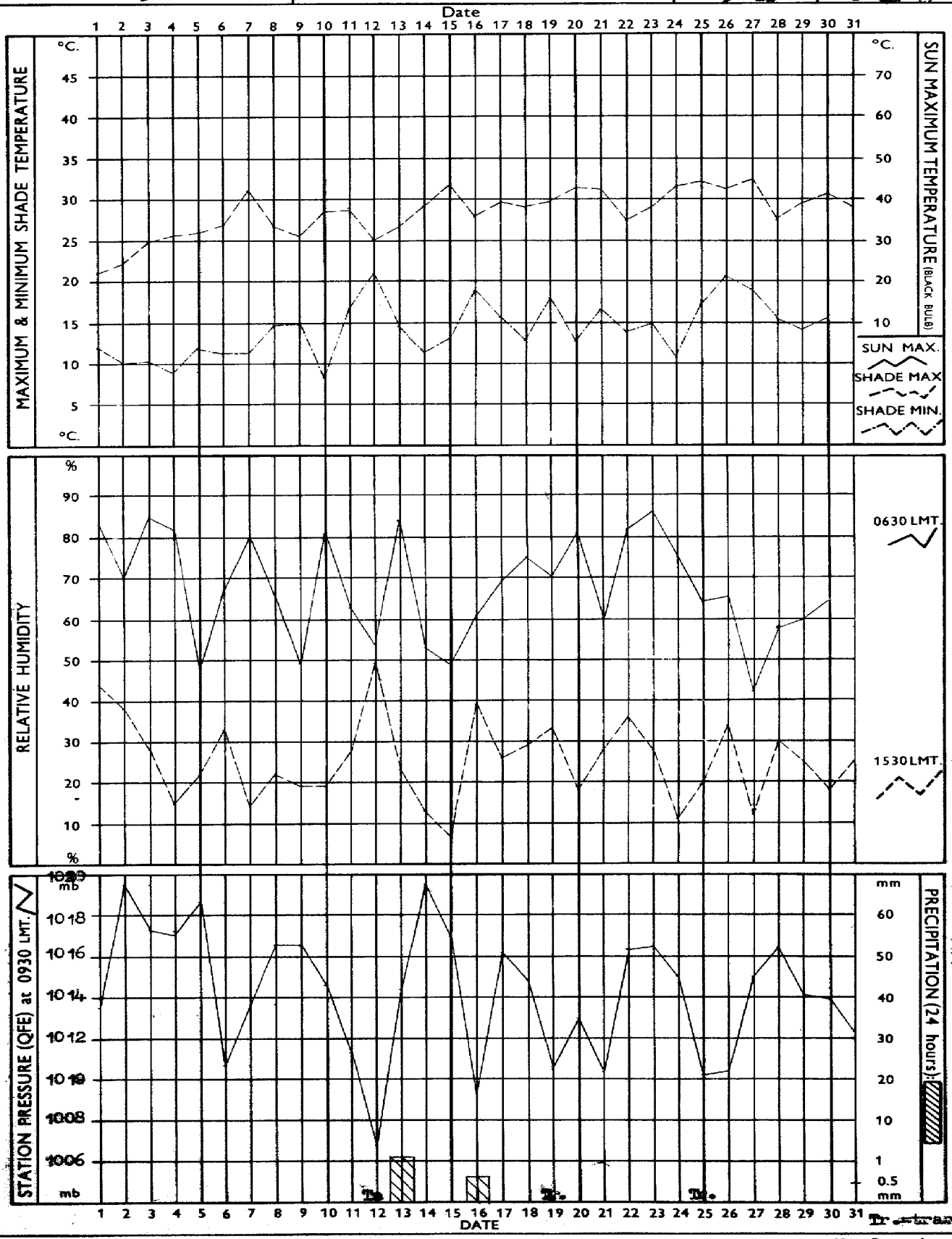
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
18.2	13.6	9.4	11.9	57	1015.2	280	10	3	30		21.1	12.0					0	P.Cloudy	1
19.4	13.5	8.1	10.8	48	1016.9	270	5	0	25		22.1	10.0					0	Clear	2
19.8	13.2	6.8	9.9	43	1013.0	160	12	0	20		24.9	10.2					0	Mist	3
22.0	12.6	2.1	7.1	27	1015.4	220	10	0	20		25.6	9.0					0	"	4
22.6	13.6	4.4	8.4	31	1014.8	–	0	1	30		26.0	11.8					0	Clear	5
21.4	15.8	11.4	13.5	52	1008.0	140	14	0	8		26.9	11.3					0	Sandst.	6
27.4	15.8	4.9	8.7	24	1011.8	–	0	0	6		31.1	11.3					0	Haze	7
22.7	13.8	4.8	8.7	32	1014.7	330	12	5	10		26.7	14.8					0	"	8
22.0	12.4	1.2	6.7	26	1013.3	310	6	3	6		25.0	15.0					0	Sandst.	9
22.0	15.0	9.0	11.5	44	1010.2	160	18	8	15		28.5	8.3					0	Haze	10
22.6	14.6	7.3	10.3	38	1009.0	160	15	8	8		28.6	16.8					0	Sandst.	11
22.8	18.7	16.0	18.3	66	1007.8	160	14	8	3		25.0	20.8			160	47	Tr.	Rainsh.	12
22.4	12.6	1.3	6.8	26	1014.0	320	8	0	1		26.7	14.6					2.0	Dust	13
25.2	14.5	3.7	8.0	25	1017.0	–	0	0	8		29.2	11.5					0	Haze	14
25.4	12.2	-6.3	3.7	11	1010.8	140	12	5	20		31.7	13.0					0	"	15
22.0	13.6	5.2	8.9	34	1010.9	200	20	0	2		27.7	18.8					0.6	Th.storm	16
24.6	17.4	12.1	14.2	46	1013.5	300	8	6	15		29.6	15.6					0	Haze	17
23.8	16.2	10.1	12.4	42	1010.2	140	14	7	20		29.0	12.7					0	Cloudy	18
25.5	17.2	10.9	13.1	40	1010.7	320	10	0	4		29.6	17.8					Tr.	Rainsh.	19
27.6	15.0	1.8	7.0	19	1007.9	290	4	0	8		31.2	12.7					0	Haze	20
26.9*		12.9*	14.9*	42*	1011.0*	330	10	2	8		31.2	16.6					0	"	21
24.0	16.6	10.8	13.0	44	1014.9	310	10	0	30		27.5	13.8					0	Clear	22
25.6	16.2	8.2	10.9	33	1013.8	300	8	3	40		28.9	14.8					0	Fair	23
25.8	15.2	5.1	8.8	27	1010.5	130	15	8	15		31.3	10.7					0	P.cloudy	24
25.8	16.0	7.5	10.4	32	1008.0	160	14	0	15		32.1	17.2					Tr.	Rainsh.	25
26.2	17.6	11.1	13.3	39	1009.2	180	10	5	5		31.3	20.5					0	Haze	26
27.2	14.4	0.2	6.2	17	1012.5	320	15	1	5		32.8	18.8					0	"	27
22.8	14.5	6.8	9.9	36	1013.4	270	16	1	20		27.3	15.5					0	"	28
25.4	15.1	5.2	8.9	27	1010.9	280	11	3	30		29.4	14.1					0	Fair	29
27.0	15.2	3.6	7.9	22	1011.3	–	0	8	30		30.6	15.5					0	Cloudy	30
25.0	15.4	6.7	9.8	31	1010.8	270	14	2	16		29.0	15.3					0	Haze	31
23.9	14.9	6.5	10.1	35	1012.0	–	10	3	15		28.3	14.2							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 : March	Year : 1964
		Station : Abadan	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°22' N.	Long : 48°13' E.



IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : March Year : [illegible]

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	15.0	13.2	11.7	13.7	81	1008.7	340	8	4	20	19.8	14.2	9.3	11.7	51	1013.3	340	14	2	20	1
2	10.1	9.7	9.2	11.8	95	1017.5	300	5	0	15	19.2	12.2	4.8	8.6	39	1017.7	320	10	0	25	2
3	11.7	10.9	10.2	12.4	90	1014.9	170	6	2	50	20.8*		12.0*	14.0*	57*	1015.6*	190*	13*			3
4	12.4	11.2	10.1	12.4	86	1015.6	–	0	0	20	23.0	17.0	12.6	14.6	52	1016.4	–	0	0	20	4
5	11.3	8.3	4.7	8.6	65	1016.4	320	7	0	20	22.6	13.8	5.1	8.7	32	1016.7	310	5	0	20	5
6	12.6	11.6	10.7	12.9	88	1012.9	150	5	3	20	24.4	15.5	7.7	10.5	34	1010.0	140	27	X	0.5	6
7	14.2	12.7	11.4	13.5	84	1012.2	140	6	2	15	25.2	19.0	14.9	17.0	53	1013.1	170	3	5	20	7
8	14.7	11.1	7.0	10.4	62	1014.3	360	8	0	2	26.0	16.0	7.2	10.2	30	1014.9	330	15	0	4	8
9	13.4	10.0	6.3	9.6	62	1015.4	310	6	3	25	22.0	13.5	4.9	8.7	33	1014.9	310	12	8	3	9
10	9.8	8.0	5.9	9.3	77	1013.0	–	0	2	20	23.0	15.0	7.8	10.6	38	1013.0	200	4	1	25	10
11	16.2	14.2	12.6	14.6	79	1011.1	160	12	5	20	25.1*		4.7*	8.6*	27*	1011.3*	150*	13*			11
12	25.2	16.2	8.6	11.2	35	1004.8	170	20	8	2	23.0	17.0	12.6	14.6	52	1008.7	160	25	8	3	12
13	17.2	16.3	15.7	17.8	91	1010.9	140	10	6	15	25.0	19.5	16.4	18.3	58	1013.2	280	4	4	15	13
14	14.2	11.7	9.3	11.8	72	1017.5	060	5	0	5	26.2	13.8	−0.6	5.9	17	1018.3	030	4	0	20	14
15	16.2	12.6	9.3	11.7	64	1015.2	010	11	5	15	27.6*		9.0*	11.5*	31*	1014.7*	–*	0*			15
16	21.0	18.0	16.1	18.2	73	1007.5	160	22	7	15	24.2	18.0	13.7	15.7	52	1008.7	230	8	0	20	16
17	14.0	11.8	9.7	12.1	76	1013.9	020	3	0	20	23.0	17.0	12.6	14.6	52	1013.9	260	6	4	25	17
18	15.7	11.2	6.5	9.7	55	1014.1	360	6	6	20	26.3	17.3	10.3	12.5	37	1013.5	–	0	7	25	18
19	20.2	15.2	11.2	13.3	56	1010.0	160	8	1	5	26.2*		13.0*	15.0*	44*	1007.4*	150*	13*			19
20	16.8	13.8	11.3	13.3	70	1012.5	030	7	0	15	29.2	17.4	7.6	10.5	25	1010.5	360	7	0	15	20
21	18.0	14.0	10.6	12.8	62	1007.3	060	8	6	15	26.6*		12.0*	14.0*	40*	1006.0*	350*	10*			21
22	15.0	13.2	11.7	13.7	81	1014.2	320	7	0	20	26.2*		8.6*	11.2*	33*	1011.9*	300*	11*			22
23	14.0	11.8	9.7	12.1	76	1014.7	330	8	0	20	27.0	16.0	6.0	9.4	26	1015.1	320	7	0	20	23
24	15.7	11.7	7.8	10.6	60	1013.1	340	4	0	20	27.0	17.5	10.2	12.4	35	1012.8	–	0	4	30	24
25	18.0	15.0	12.7	14.7	72	1012.2	320	10	7	20	29.2	17.4	7.6	10.5	25	1010.1	180	20	1	15	25
26	22.0	17.3	13.0	15.1	54	1010.0	130	13	4	20	29.5	18.6	10.5	12.7	31	1011.1	170	18	2	20	26
27	19.0	15.5	12.8	14.8	68	1012.7	030	7	4	20	27.7	19.6	14.3	16.3	44	1013.3	300	6	5	20	27
28	15.7	11.7	7.8	10.6	60	1014.2	330	8	0	15	27.1*		9.0*	11.5*	32*	1010.7*	300*	13*			28
29	14.0	11.0	8.1	10.8	68	1012.7	330	3	0	20	23.9*		11.3*	13.4*	45*	1009.1*	250*	3*			29
30	14.8	12.1	9.6	12.0	71	1012.0	310	3	5	40	25.0	17.3	11.5	13.6	43	1012.4	190	3	6	40	30
31	17.8	14.8	12.4	14.5	71	1010.9	320	6	6	25	25.3	16.8	10.1	12.4	39	1011.9	200	10	5	25	31
Av.	15.7	12.8	10.1	12.6	71	1012.7	–	8	3	19	25.1	16.5	9.6	12.2	39	1012.6	–	9	3	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: March 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

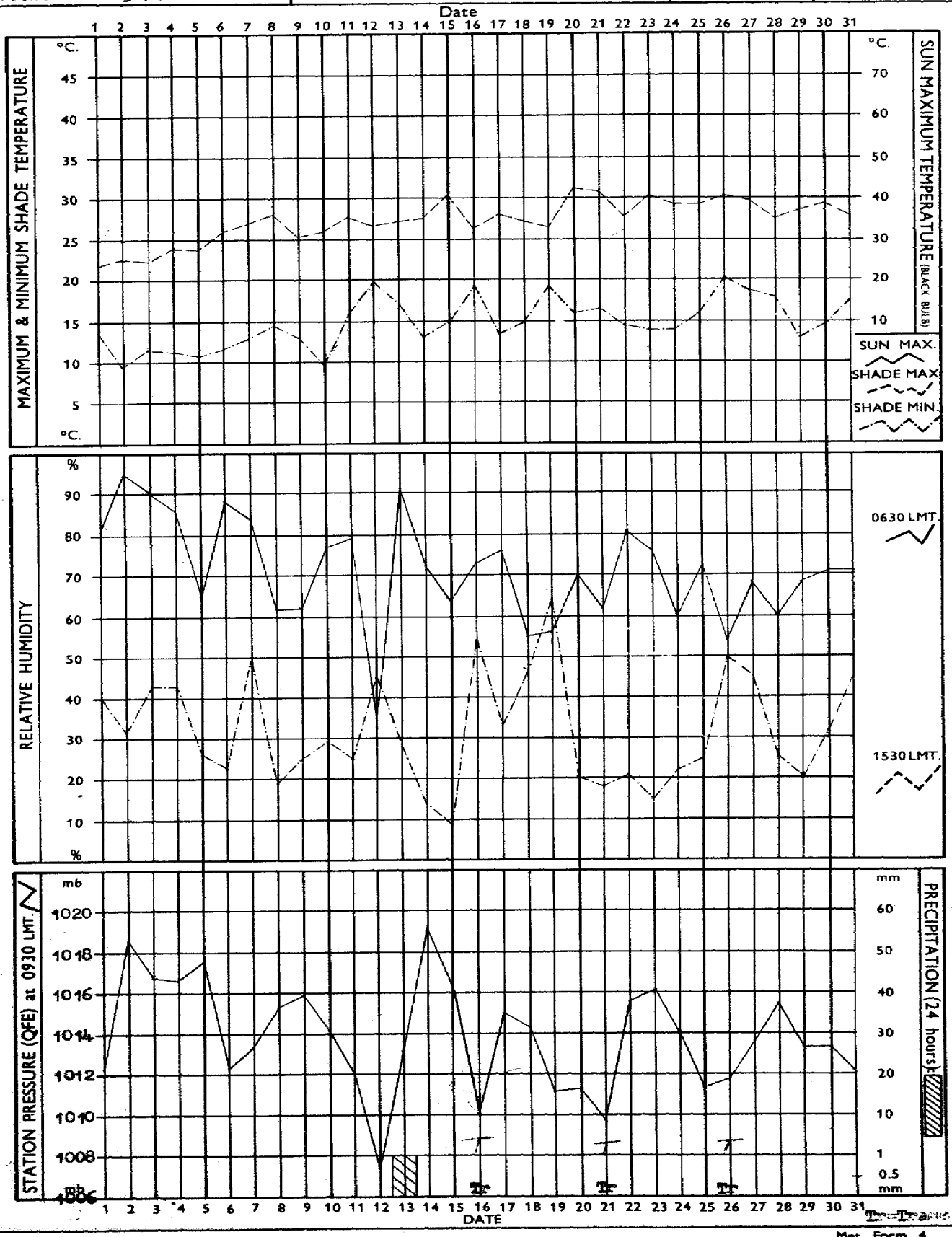
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Extreme Temperature: Maximum Shade Temperature	Extreme Temperature: Minimum 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
17.4	13.4	9.9	12.2	62	1014.6	360	5	6	20		21.7	13.8	12.6		150	25	0	Fair	1
19.8	14.2	9.3	11.7	51	1015.7	320	6	0	25		22.5	9.4	9.1		320	14	0	Clear	2
18.2*		12.0*	14.0*	67*	1012.8*	160*	7*				22.4	11.6	10.7		170	17	0	Fair	3
20.2*		13.8*	15.8*	67*	1014.4*	200*	8*				24.0	11.7	10.2		210	14	0	Clear	4
19.8	14.2	9.3	11.7	51	1014.5	200	5	1	20		23.8	10.8	10.2		320	16	0	"	5
22.0	14.0	6.3	9.6	36	1009.2	140	14	0	10		26.0	11.7	11.2		160	32	0	Sandst.	6
23.0	17.0	12.6	14.6	52	1011.4	–	0	1	20		27.0	12.9	12.0		330	14	0	P.Cloudy	7
22.6	13.8	5.1	8.7	32	1013.7	320	8	3	10		28.0	14.4	14.0		320	24	0	Haze	8
22.8	14.3	6.3	9.5	34	1012.3	320	8	5	7		25.2	13.1	11.7		290	18	0	"	9
20.2	15.2	11.2	13.3	56	1010.7	220	12	6	20		26.0	9.7	8.4		210	18	0	P.Cloudy	10
22.8	15.8	10.1	12.3	44	1008.3	170	13	6	15		27.8	16.0	13.8		120	27	0	Cloudy	11
21.8	17.3	14.2	16.2	62	1007.3	160	15	8	10		26.7	19.7	16.7		170	45	0	Haze	12
24.4	15.5	7.7	10.5	36	1012.7	340	10	0	2.5		27.2	17.0	16.2		270	24	1.0	Th.storm	13
24.8	14.3	3.6	7.9	25	1016.6	360	6	0	20		27.5	13.0	12.0		350	17	0	Haze	14
24.2	18.0	13.7	15.7	52	1011.0	180	8	3	20		30.2	15.0	14.7		170	15	0	P.Cloudy	15
21.2	15.4	10.7	12.9	51	1008.3	010	15	3	15		26.2	19.2	17.3		340	47	Tr.	Th.storm	16
24.7	17.2	11.6	13.7	44	1012.8	320	5	3	25		28.0	13.5	13.0		300	15	0	Fair	17
22.8*		15.3*	17.4*	63*	1008.1*	170*	7*				27.2	15.3	14.5		110	21	0	Cloudy	18
21.2	18.2	16.3	18.5	74	1010.6	160	8	0	6		26.5	19.2	18.0		270	40	0	Haze	19
27.2	16.2	6.5	9.6	27	1007.5	350	6	2	8		31.2	16.0	15.6		360	20	0	"	20
21.8	17.6	14.7	16.8	64	1010.1	200	10	0	15		30.8	16.5	16.0		200	24	Tr.	Rainsh.	21
24.4	15.5	7.7	10.5	36	1013.1	330	12	0	20		27.8	14.4	13.0		300	19	0	Clear	22
27.8	16.3	6.0	9.3	25	1012.7	360	6	3	20		30.2	13.9	13.4		310	16	0	Fair	23
23.8	16.8	11.5	13.5	46	1010.2	200	11	7	30		29.2	14.0	13.1		220	16	0	P.Cloudy	24
24.2	16.1	9.4	11.8	39	1008.5	180	13	0	20		29.2	16.0	16.6		270	30	0	"	25
24.5	19.2	15.8	18.0	59	1009.3	170	16	3	20		30.2	20.2	19.6		160	33	Tr.	Th.storm	26
26.0	20.6	17.4	20.0	59	1005.7	180	6	2	20		29.5	18.8	17.5		190	14	0	P.Cloudy	27
23.0	14.4	6.1	9.5	34	1011.7	310	11	0	15		27.5	15.5	14.5		320	26	0	Clear	28
25.0	15.5	7.0	10.0	32	1009.6	320	10	0	20		28.5	13.0	12.5		320	20	0	"	29
25.4*	-	14.2*	16.2*	50*	1006.7*	210*	6*				29.3	14.6	13.5		320	16	0	Cloudy	30
25.0	17.3	11.5	13.6	43	1009.6	290	12	5	12		27.9	17.5	16.0		270	22	0	"	31
20.8	16.5	13.3	15.4	63	1011.6	–	8	3	17		24.5	16.7	13.9						Av.

CODE FOR REMARKS (continued)

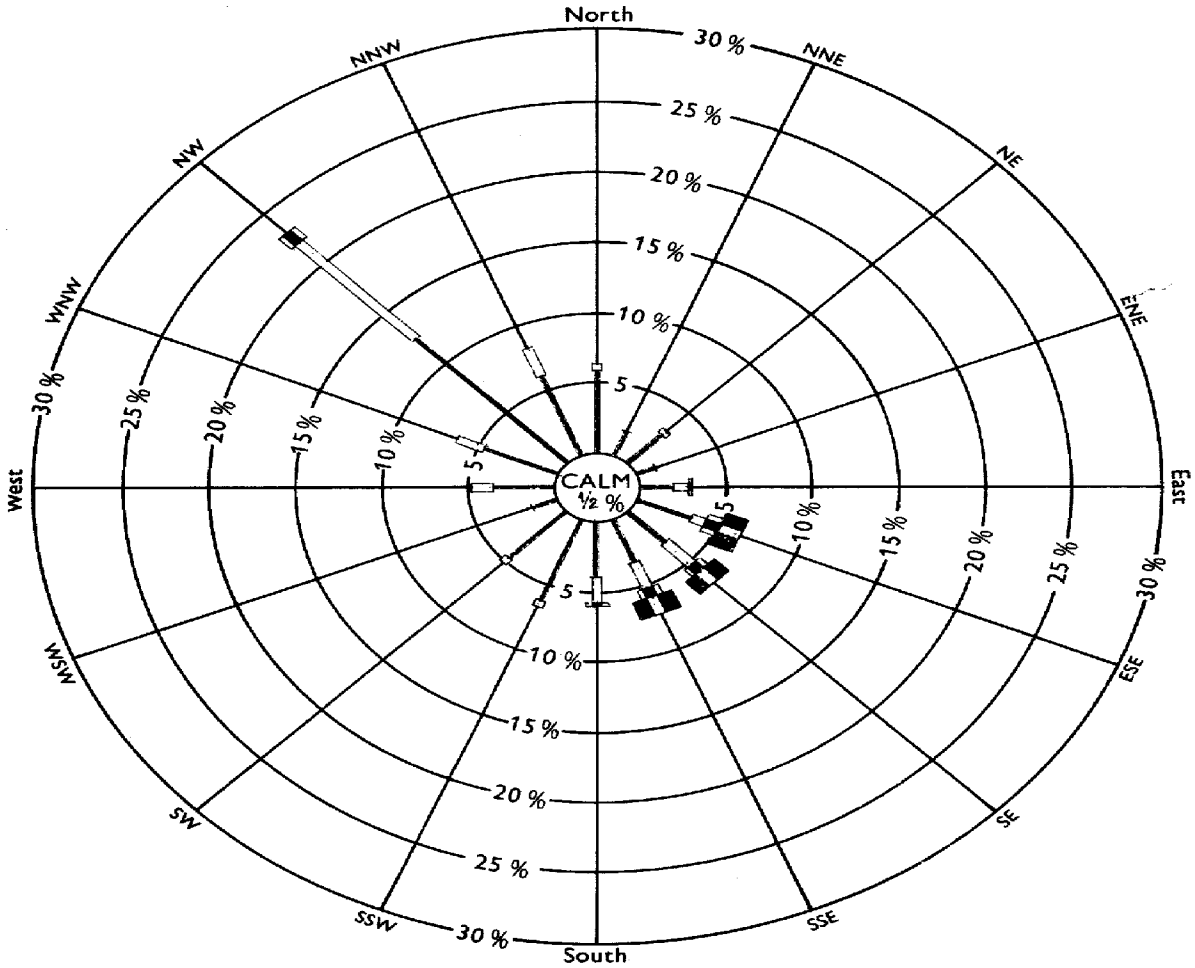
Sandst: Sandstorm. Vis. < 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter < 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : March	Year : 1962
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.

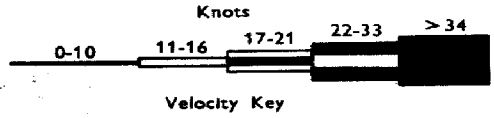


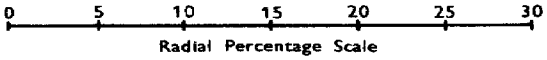
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : March	Year : 1962
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



Hours in month 744

Hours recorded 744





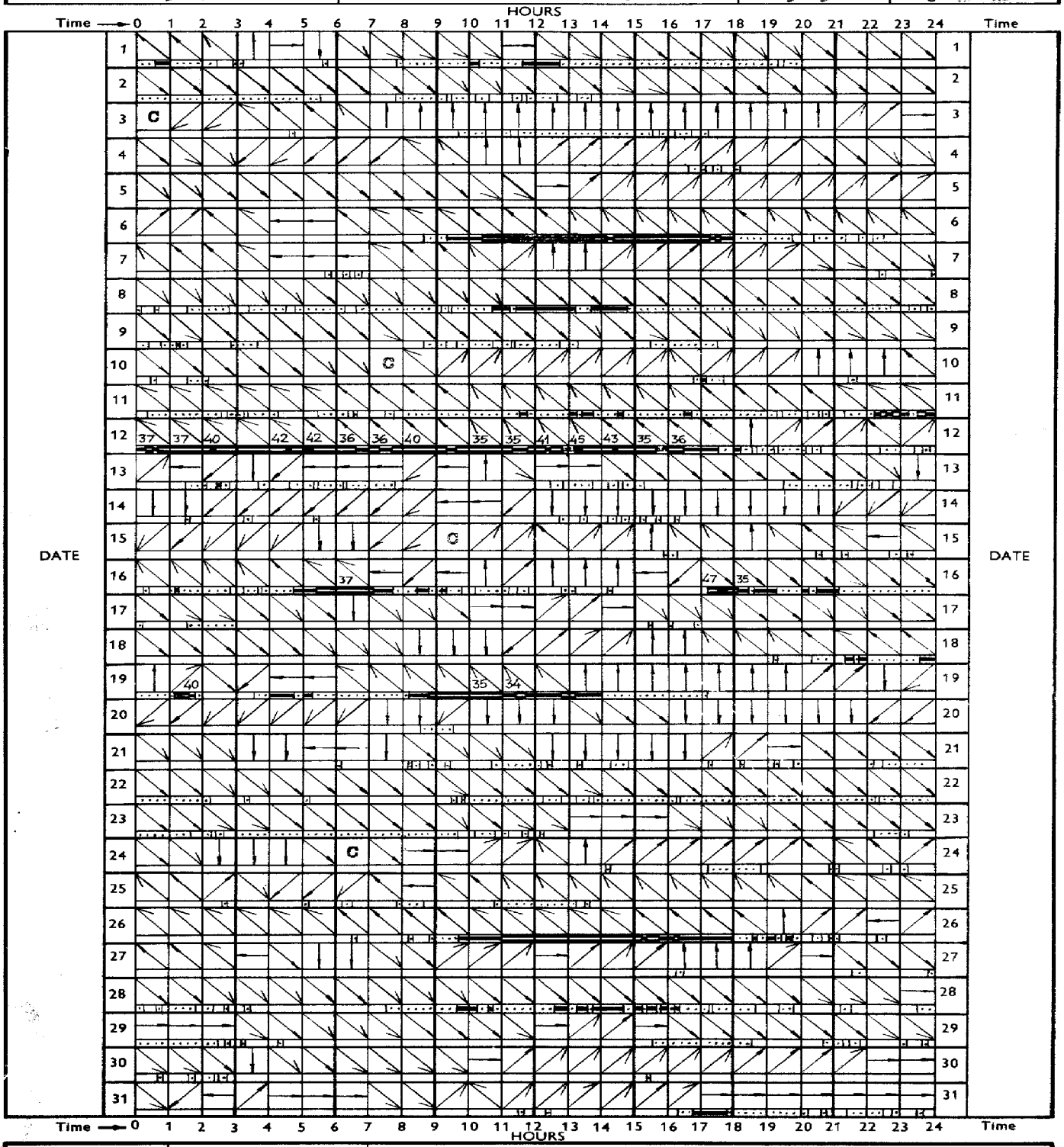
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 :

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : March	Year : [illegible]
		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 :

28.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : March Year : 1962
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Kharg Island 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	15.4	14.2	13.2	15.2	87	1010.1	100	2	5	6	19.0	15.6	13.0	15.0	68	1014.6	300	10	6	15	1
2	15.0	13.0	11.3	13.4	79	1016.7	360	10	0	20	17.6	13.8	10.6	12.8	64	1017.8	360	15	0	20	2
3	11.6	11.0	10.4	12.7	93	1015.9	–	0	1	30	18.6	15.6	13.3	15.3	71	1016.5	020	2	7	30	3
4	13.8	12.6	11.5	13.6	86	1015.5	020	2	0	30	22.6	13.6	4.4	8.4	31	1016.0	360	3	0	30	4
5	15.0	12.8	10.8	13.1	77	1016.4	–	0	0	20	19.8	15.8	12.8	14.7	64	1017.2	320	12	0	20	5
6	12.2	11.8	11.4	13.5	95	1013.1	–	0	0	20	20.4	15.8	12.4	14.4	61	1013.7	120	6	0	20	6
7	16.6	15.8	15.3	17.3	93	1012.2	–	0	5	20	22.8	18.0	14.8	16.8	61	1012.5	180	6	4	20	7
8	14.6	13.4	12.3	14.4	87	1013.1	–	0	0	20	21.2	17.4	14.8	16.9	67	1014.4	360	10	0	20	8
9	17.4	13.0	8.9	11.5	58	1015.2	360	12	2	20	20.1	14.2	9.0	11.5	50	1015.5	360	12	4	20	9
10	12.4	11.6	10.8	13.0	90	1013.2	–	0	0	20	21.0	15.0	10.0	12.2	49	1013.5	–	0	2	20	10
11	17.2	16.0	15.2	17.3	89	1012.4	120	10	4	20	22.4	18.2	15.4	17.5	65	1012.2	120	6	6	20	11
12	22.0	15.4	10.0	12.3	46	1008.4	130	10	8	20	24.2	17.2	12.1	14.1	48	1010.5	170	20	8	10	12
13	19.0	17.0	15.6	17.8	81	1010.4	090	10	5	10	25.6	19.8	16.2	18.5	56	1012.1	120	2	0	10	13
14	18.6	13.2	8.1	10.9	51	1016.9	360	8	0	7	23.2	15.4	8.6	11.2	40	1017.5	360	10	0	8	14
15	15.0	13.2	11.7	13.8	81	1015.2	–	0	1	15	24.0	15.0	6.7	9.8	33	1015.1	100	4	6	20	15
16	21.4	17.4	14.7	16.7	66	1009.6	090	20	8	20	23.2	19.0	16.3	18.6	66	1008.9	270	14	0	20	16
17	18.2	16.0	14.4	16.5	79	1012.7	330	14	0	10	21.4	17.2	14.2	16.2	64	1014.6	300	10	0	15	17
18	16.0	15.2	14.6	16.7	92	1013.6	–	0	7	20	22.0	18.0	15.3	17.4	66	1013.4	–	0	7	20	18
19	22.0	17.0	13.4	15.4	58	1012.3	100	16	5	5	24.0	19.0	15.7	17.9	60	1011.9	150	12	6	10	19
20	19.6	17.6	16.3	18.5	81	1011.8	360	10	6	10	24.8	17.8	12.8	14.8	48	1010.8	300	10	7	10	20
21	21.4	17.4	14.6	16.7	65	1007.9	–	0	8	15	23.4	19.2	16.6	18.9	65	1009.6	030	4	8	15	21
22	18.8	16.0	14.0	16.0	74	1013.5	360	10	0	20	22.0	16.4	12.1	14.2	53	1015.1	300	16	0	20	22
23	18.6	15.8	13.7	15.8	73	1014.5	330	12	0	20	22.0	16.6	12.6	14.6	55	1015.4	320	12	0	20	23
24	14.6	14.0	13.5	15.5	93	1013.3	–	0	0	20	23.6	18.0	14.2	16.2	55	1013.4	360	3	0	20	24
25	19.6	17.2	15.6	17.7	77	1011.3	100	2	6	20	24.4	17.6	12.7	14.7	48	1012.1	100	4	0	20	25
26	21.2	18.0	15.9	18.0	72	1010.9	120	8	3	15	27.0	19.8	15.3	17.4	49	1012.9	160	8	0	15	26
27	21.0	19.0	17.8	20.4	82	1013.1	030	8	6	20	29.2	18.0	9.2	11.6	29	1013.8	100	4	7	20	27
28	20.4	16.2	13.1	15.1	63	1013.2	360	10	7	20	24.0	17.2	12.2	14.2	48	1013.5	340	17	8	10	28
29	18.8	16.2	14.3	16.3	75	1011.2	330	8	0	20	23.0	16.4	11.3	13.4	48	1012.2	300	10	0	25	29
30	15.2	13.8	12.6	14.6	85	1011.8	–	0	6	20	23.2	17.2	12.8	14.8	52	1012.7	340	8	6	20	30
31	18.8	17.6	16.8	19.2	89	1011.1	–	0	4	20	23.6	17.8	13.9	15.9	55	1012.6	360	5	4	20	31
Av.	17.5	15.1	13.3	15.4	78	1012.8	–	6	3	18	22.7	17.0	12.6	14.8	54	1013.6	–	8	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: March Year: 1963

Station: Kharg Island

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

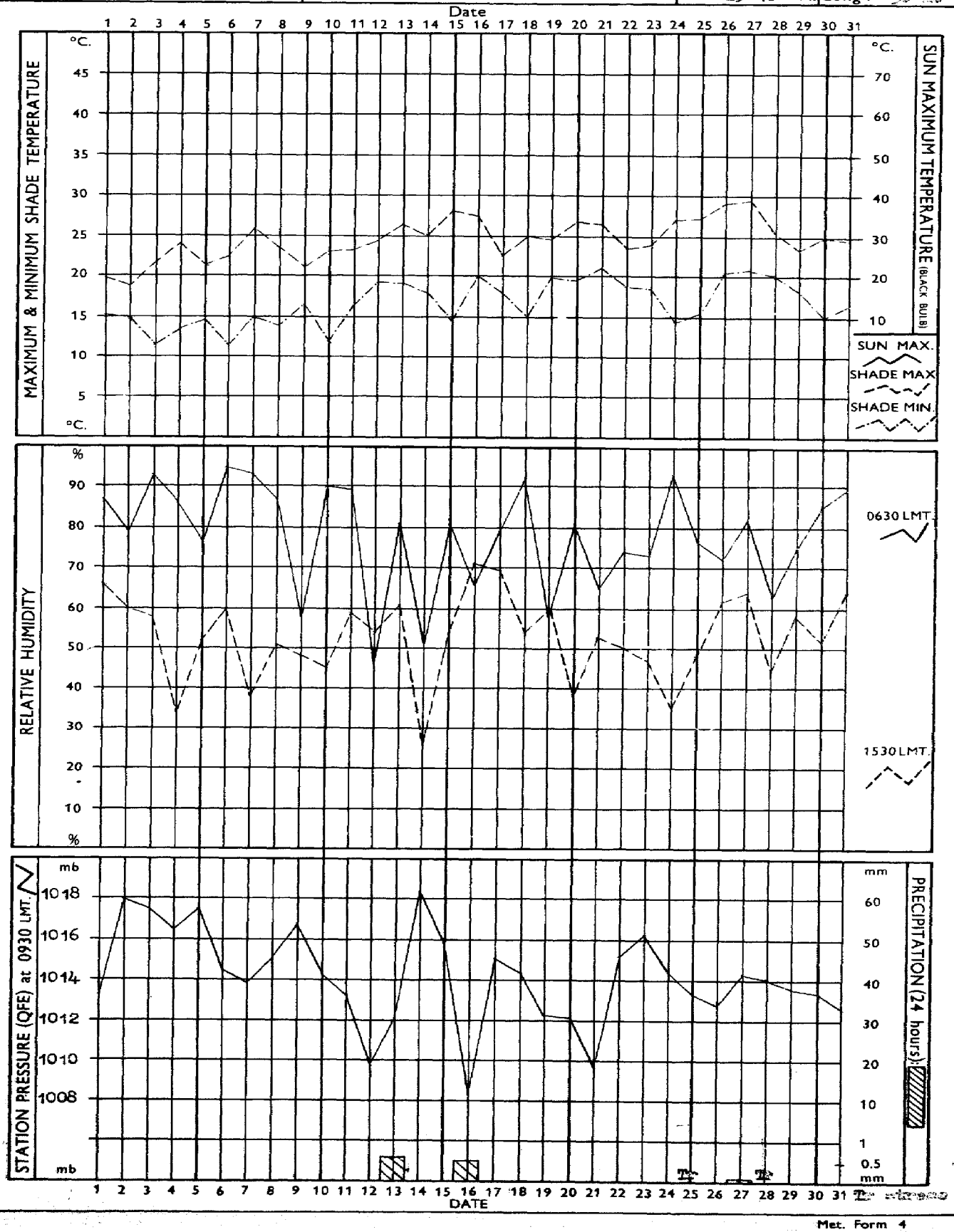
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
16.8	14.2	12.1	14.1	74	1014.2	300	6	0	20		19.8	15.2	13.4		220	26	0	Haze	1
17.0	13.4	10.3	12.5	64	1015.8	300	14	0	25		18.8	14.8	13.3		310	12	0	Clear	2
18.0	15.4	13.4	15.4	74	1013.6	170	4	0	30		21.7	11.5	8.4		260	3	0	Fair	3
19.0	15.6	13.0	15.0	68	1014.8	300	10	0	25		24.0	13.6	10.4		300	15	0	Clear	4
17.8	14.2	11.2	13.3	65	1015.3	300	9	0	20		21.4	14.6	10.5		330	10	0	"	5
20.0	17.0	14.9	17.0	73	1010.5	130	10	7	20		22.4	11.5	7.5		180	9	0	Fair	6
20.0	18.0	16.7	19.0	82	1011.5	270	3	3	20		26.0	15.0	12.8		200	9	0	P.Cloudy	7
21.4	16.0	11.8	13.9	55	1012.7	320	12	2	5		23.5	14.0	10.6		330	20	0	Haze	8
18.0	14.6	11.9	13.9	67	1012.9	320	10	3	8		21.0	16.5	11.0		350	22	0	"	9
19.4	16.6	14.7	16.7	74	1011.6	220	12	7	12		23.0	12.0	9.4		260	10	0	P.Cloudy	10
21.2	16.8	13.7	15.6	62	1009.9	160	8	4	20		23.2	16.5	12.7		190	15	0	"	11
23.4	16.4	10.8	13.0	45	1006.9	150	20	8	10		24.4	19.0	18.3		150	35	0	Haze	12
21.8	17.8	15.9	17.3	65	1002.7	–	0	0	10		26.5	19.0	18.1		180	33	0.5	"	13
21.0	15.0	10.0	12.2	49	1016.1	360	10	0	15		25.0	18.0	16.3		360	18	0	"	14
21.4	17.2	14.2	16.2	64	1012.4	–	0	8	20		28.0	14.5	10.0		230	15	0	Cloudy	15
21.2	17.2	14.3	16.5	65	1009.5	300	5	0	2		27.4	20.0	17.4		300	43	0.5	Rain	16
19.4	16.0	13.6	15.5	69	1013.0	330	10	4	20		22.5	18.0	15.3		350	30	0	Haze	17
21.6	15.4	10.4	12.6	49	1013.8	300	8	8	20		25.0	15.0	12.2		130	20	0	Cloudy	18
22.0	18.4	16.1	18.3	69	1010.8	180	8	7	7		24.6	19.8	18.8		270	28	0	Haze	19
22.8	19.0	16.6	18.9	68	1008.1	–	0	6	10		26.8	19.4	17.8		330	11	0	"	20
23.6	17.2	12.6	14.6	50	1010.3	360	18	8	15		26.5	21.0	19.4		360	25	0	Overcast	21
21.0	16.0	12.2	14.2	57	1013.3	300	9	0	20		23.6	18.8	17.2		340	31	0	Clear	22
20.8	17.0	14.3	16.4	67	1013.0	300	7	0	25		24.0	18.4	17.6		320	22	0	"	23
22.0	17.0	13.4	15.4	58	1010.5	300	2	6	20		27.0	14.4	11.4		300	14	0	Fair	24
24.0	18.0	13.8	15.8	53	1009.4	180	8	0	20		27.3	15.6	12.8		180	19	Tr.	Rain	25
23.0	19.0	16.5	18.8	67	1011.0	180	12	0	15		29.0	20.6	19.4		170	25	0	Fair	26
23.0	18.4	15.4	17.5	62	1011.4	100	16	8	20		29.4	20.8	18.6		120	24	0.1	Th.storm	27
22.2	15.0	8.7	11.3	42	1011.8	280	6	2	12		25.6	20.0	18.8		320	25	Tr.	Rain	28
20.4	16.4	13.5	15.5	64	1010.0	280	11	0	25		23.4	18.2	16.2		270	22	0	Clear	29
20.4	16.4	13.5	15.5	64	1011.4	300	8	2	20		25.0	15.0	12.2		310	16	0	P.Cloudy	30
22.0	17.4	14.2	16.2	62	1010.7	250	2	8	20		24.5	16.4	14.2				0	"	31
20.8	16.5	13.3	15.4	63	1011.6	–	8	3	17		24.6	16.7	13.9						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

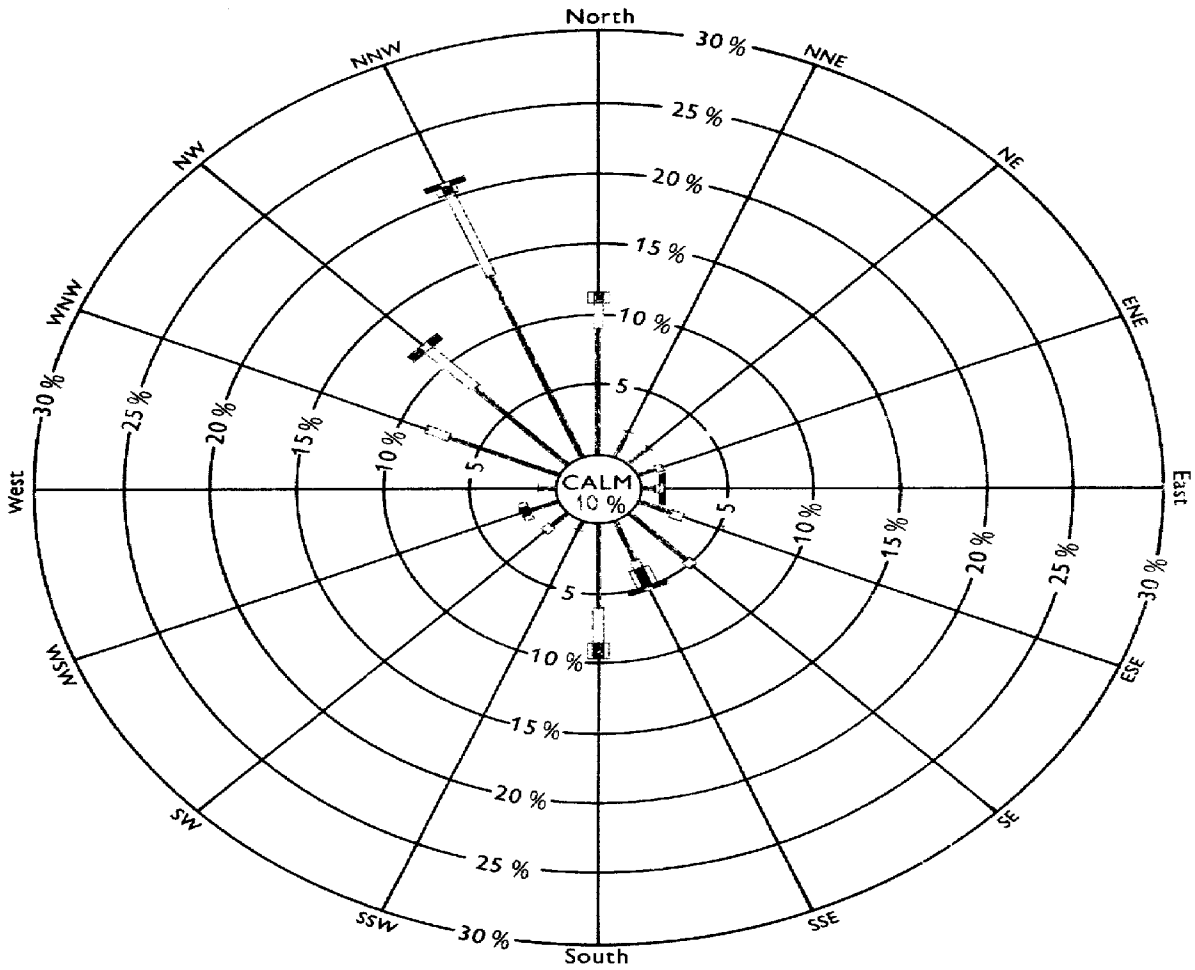
IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : March	Year : 1962
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29° 15' N.	Long : 50° 20' E.



Met. Form 4

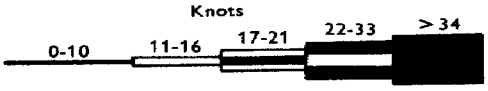
116.

IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : March	Year : 19[illegible]
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs	Lat : 29° 16' N.	Long : [illegible] E.

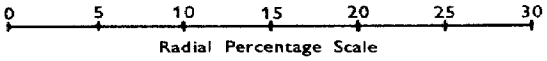


Hours in month 744

Hours recorded 719



Velocity Key



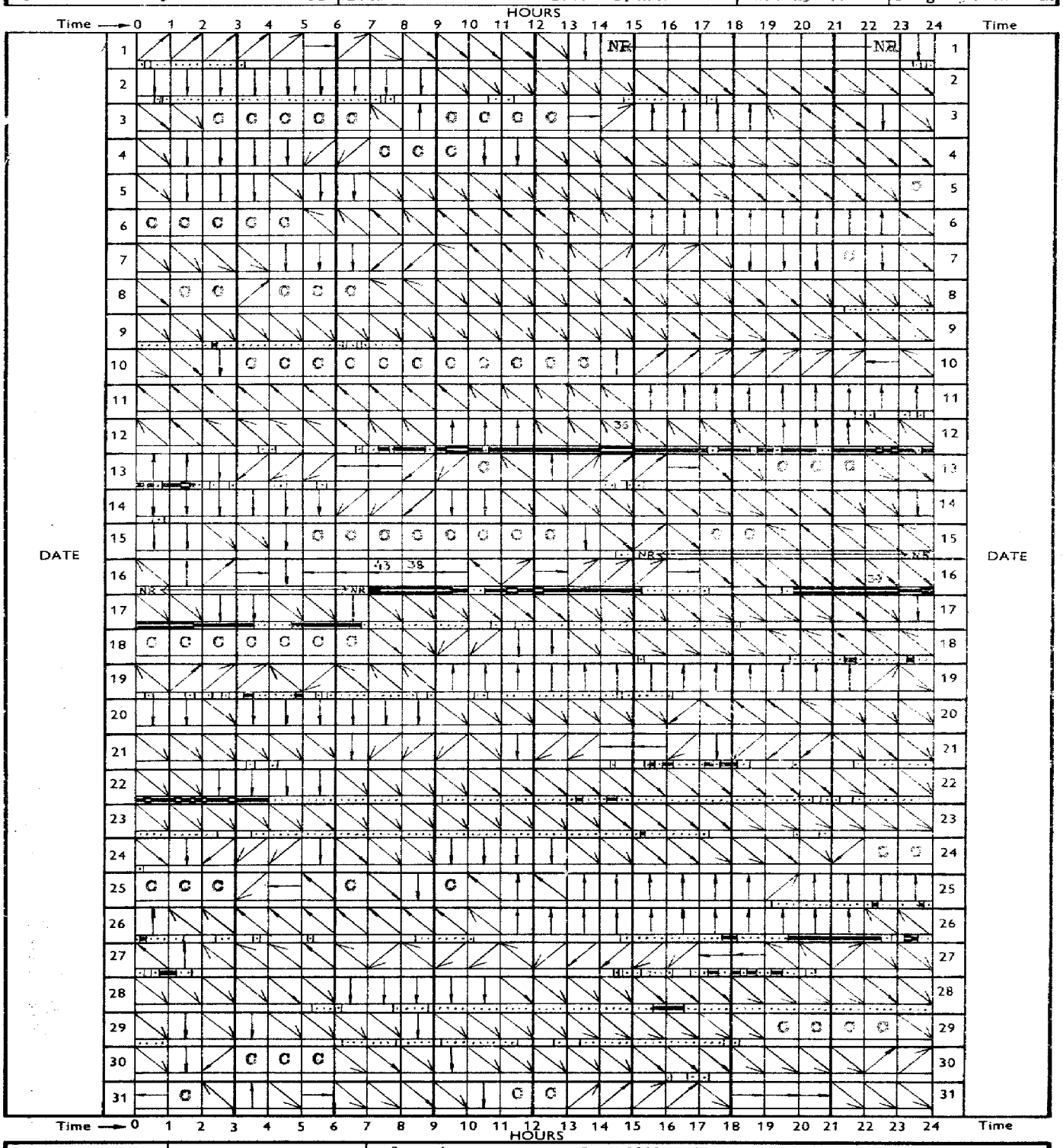
Radial Percentage Scale

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 : [illegible]	Year : [illegible]
		Station : [illegible]	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : [illegible] N.	Long : [illegible] E.



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

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

33.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : [illegible] Year : [illegible]
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Station : [illegible] Lat : [illegible] N. Long : [illegible] 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	18.2	17.1	16.4	18.6	89	1011.0	310	2	4	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
2	17.7	14.5	11.9	13.9	69	1013.5	300	12	0	30	24.8	15.7	10.8	12.0	[illegible]	[illegible]	300	15	0	[illegible]	2
3	16.2	15.1	14.3	16.3	89	1015.9	280	2	0	25	22.7	16.7	12.2	14.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3
4	15.4	14.6	14.1	16.0	91	1014.2	300	2	[illegible]	[illegible]	24.2	18.7	15.1	[illegible]	[illegible]	[illegible]	150	[illegible]	[illegible]	[illegible]	4
5	15.4	13.9	12.7	14.7	84	1013.8	300	5	0	35	24.4	15.2	6.9	[illegible]	[illegible]	[illegible]	270	[illegible]	[illegible]	[illegible]	5
6	14.5	14.0	13.6	15.5	94	1014.3	300	3	0	25	21.5	19.4	18.2	20.8	94	[illegible]	150	3	[illegible]	[illegible]	6
7	20.0	19.3	18.9	21.8	93	1013.4	180	5	1	25	22.3	20.1	18.3	21.3	[illegible]	[illegible]	170	[illegible]	[illegible]	[illegible]	7
8	15.8	14.7	13.8	15.8	85	1012.6	–	0	1	30	[illegible]	19.3	15.9	19.4	85	[illegible]	150	[illegible]	[illegible]	[illegible]	8
9	17.0	16.7	16.4	18.7	96	1012.7	260	1	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9
10	17.6	16.4	15.5	17.7	88	1012.4	280	5	0	15	22.7	19.2	15.7	19.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10
11	17.0	16.5	16.4	18.7	97	1013.2	280	1	1	15	22.7	20.4	[illegible]	22.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11
12	22.3	19.7	18.2	20.9	77	1012.9	120	12	2	30	26.8	19.6	13.4	17.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12
13	25.1	20.1	17.1	19.5	61	1014.2	100	11	6	40	26.1	20.3	15.5	19.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13
14	21.0	18.6	17.1	19.5	78	1014.0	–	0	6	10	25.8	20.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14
15	17.4	17.0	16.7	19.0	96	1015.7	320	1	1	20	24.5	21.5	19.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15
16	20.4	18.8	17.8	20.4	85	1010.7	070	1	7	20	24.8	20.8	18.6	21.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16
17	20.8	17.1	14.5	16.5	67	1011.7	340	5	0	6	24.2	21.3	18.1	20.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17
18	17.8	17.8	17.7	20.3	99	1013.4	290	1	[illegible]	5	23.4	21.4	20.4	23.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18
19	22.4	20.6	19.6	22.8	84	1013.5	180	2	1	5	21.8	21.1	19.1	22.6	[illegible]	[illegible]	160	[illegible]	[illegible]	[illegible]	19
20	24.0	19.5	18.6	21.5	85	1011.3	040	1	0	20	24.7	21.5	19.8	23.1	[illegible]	[illegible]	150	[illegible]	[illegible]	[illegible]	20
21	23.6	21.2	19.9	23.3	80	1009.4	100	11	2	10	25.3	22.6	21.2	25.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21
22	21.4	18.0	15.7	17.9	70	1010.8	030	1	6	10	28.5	18.8	11.9	14.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22
23	19.8	17.0	15.1	17.1	74	1012.6	280	7	0	25	25.6	19.8	15.5	17.6	54	1013.7	250	3	[illegible]	[illegible]	23
24	18.7	18.2	17.9	20.5	95	1012.4	330	2	0	30	25.4	22.1	20.4	23.3	74	1012.9	230	5	0	30	24
25	21.3	19.8	18.9	21.9	86	1011.8	010	1	7	30	26.1	21.9	19.7	22.9	68	1013.5	210	2	1	30	25
26	20.0	19.5	19.2	22.3	95	1012.9	–	0	0	30	26.4	22.7	20.8	24.6	71	1014.3	150	5	0	[illegible]	26
27	24.3	19.8	17.1	19.5	64	1014.3	100	9	8	35	25.5	22.3	20.8	24.6	75	1014.9	120	8	5	[illegible]	27
28	23.0	19.1	16.7	19.0	68	1011.0	330	2	7	30	25.9	22.9	21.4	25.5	76	1012.3	240	6	8	30	28
29	22.2	17.4	14.0	16.0	60	1010.0	280	8	8	20	25.8	17.4	11.0	13.1	46	1010.7	280	13	2	15	29
30	20.1	15.5	11.9	13.9	59	1010.9	350	2	8	30	24.8	19.5	16.2	18.4	52	1012.4	210	8	7	30	30
31	18.6	17.8	17.3	19.7	92	1012.7	350	1	7	30	23.1	19.7	17.6	20.0	72	1013.1	200	3	8	25	31
Av.	19.6	17.6	16.3	18.7	82	1012.4	–	4	3	24	24.5	20.1	17.2	20.0	65	1013.3	–	8	3	27	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: March Year: 1964
Ground Level: 2 m. AMSL	Local Time: GMT + 3½ hrs.	Station: Sheikh Sha'aib
		Lat: 26°48' N. Long: 53°22' E.

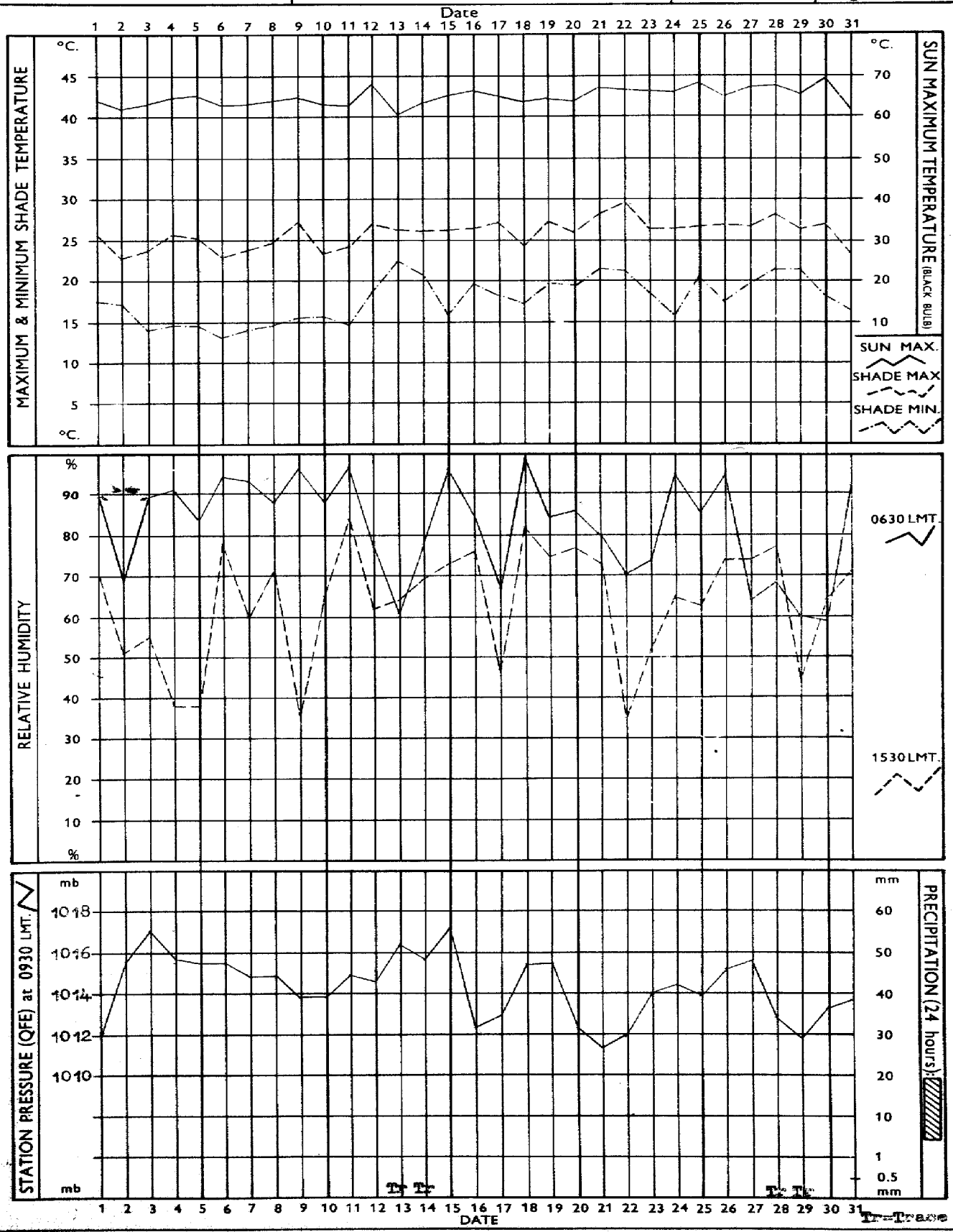
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
20.3	17.8	16.2	18.4	77	1011.3	290	13	7	10	20.1	25.8	17.5	15.9	64.1	290	29	0	Cloudy	1
19.0	16.0	13.8	15.8	72	1013.8	290	15	0	25	19.3	22.7	17.3	14.7	62.1	290	30	0	Clear	2
18.9	15.5	12.8	14.8	68	1013.7	280	6	0	35	19.8	23.7	14.1	15.2	63.2	290	25	0	"	3
20.3	17.0	14.7	16.8	70	1013.4	280	5	0	30	19.5	25.8	14.4	11.9	64.4	270	24	0	"	4
20.3	16.7	14.1	16.1	67	1013.6	280	7	0	30	19.2	25.3	14.6	12.1	65.3	300	20	0	"	5
20.0	18.3	17.2	19.6	84	1013.7	–	0	0	25	20.4	23.9	13.2	9.6	63.1			0	"	6
21.2	18.2	16.3	18.5	73	1012.1	260	1	1	35	21.2	23.8	14.1	13.0	63.1			0	"	7
21.4	20.8	20.4	24.1	94	1013.1	240	1	0	10	20.8	24.7	14.5	9.8	63.9			0	Mist	8
21.1	18.2	16.3	18.6	74	1011.3	290	1	1	10	21.3	27.3	15.6	15.4	64.9	290	24	0	Fair	9
20.2	17.5	15.7	17.9	76	1012.5	290	1	4	15	20.5	23.5	15.8	14.8	63.3	230	15	0	"	10
22.0	20.5	19.7	22.9	87	1012.5	110	2	7	20	20.9	24.2	14.7	12.3	62.9			0	P.Cloudy	11
23.4	20.6	19.0	22.0	76	1012.8	–	0	8	30	21.2	27.0	18.7	20.2	68.0	100	29	0	Cloudy	12
24.3	19.6	16.7	19.0	63	1012.6	010	2	7	15	20.9	26.4	22.4	23.0	60.7	110	32	Tr.	Rainsh.	13
22.5	20.9	20.1	23.4	86	1014.6	160	1	1	15	21.2	26.2	20.8	18.5	63.5	110	25	Tr.	Fair	14
23.2	21.0	19.9	23.3	83	1013.8	250	1	1	10	21.4	26.3	15.9	15.9	65.2			0	P.Cloudy	15
23.6	20.3	18.4	21.2	73	1009.1	170	6	6	20	22.0	26.5	19.6	16.8	66.5	290	23	0	Cloudy	16
21.9	19.4	17.9	20.5	78	1011.2	280	12	0	5	21.3	27.3	18.3	19.1	65.0	310	22	0	Haze	17
22.4	20.7	19.8	23.0	85	1014.5	300	4	8	10	21.2	24.5	17.3	14.2	63.6			0	Mist	18
24.1	21.3	19.8	23.1	77	1012.7	250	1	0	10	21.3	27.2	19.6	20.3	64.6	150	16	0	Haze	19
23.7	21.8	20.8	24.6	84	1010.5	–	0	0	10	22.5	26.0	19.4	16.9	64.0			0	Clear	20
24.5	21.6	20.1	23.5	76	1009.3	130	5	6	25	22.3	28.2	21.5	22.1	67.2	120	21	0	P.Cloudy	21
22.3	18.0	15.2	17.2	64	1010.3	300	20	0	20	22.3	29.5	21.2	19.6	66.4	290	40	0	Fair	22
22.1	19.8	18.4	21.2	80	1012.4	280	2	1	30	21.2	26.8	18.4	18.1	66.3	300	23	0	Clear	23
23.8	20.2	18.2	20.8	71	1011.1	300	4	5	20	22.6	26.5	15.8	16.0	66.0			0	Fair	24
24.0	21.8	20.1	24.4	82	1012.2	180	3	1	25	23.1	26.8	20.5	19.5	68.2			0	P.Cloudy	25
23.9	22.5	21.8	26.1	88	1013.7	–	0	0	20	23.7	26.9	17.5	15.8	65.1			0	Clear	26
24.7	22.3	21.1	25.9	86	1012.7	190	4	6	35	23.4	26.7	19.6	22.5	67.1	220	28	0	P.Cloudy	27
24.8	20.5	18.1	20.7	66	1010.2	360	1	7	30	23.3	28.2	21.5	20.7	67.4	290	29	Tr.	Rain	28
21.6	16.3	12.3	14.3	55	1009.0	280	19	1	20	22.1	26.6	21.4	21.0	65.5	290	37	Tr.	P.Cloudy	29
22.5	19.5	17.7	20.3	75	1011.7	300	4	8	30	21.2	27.0	18.2	17.6	69.5	230	21	0	O-cast	30
21.9	18.6	16.5	18.8	72	1010.9	300	2	4	25	22.4	23.6	16.4	17.4	61.9	240	13	0	Cloudy	31
22.2	19.5	17.7	20.6	76	1012.2	–	5	3	21	21.4	25.9	17.8	16.8	64.9					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

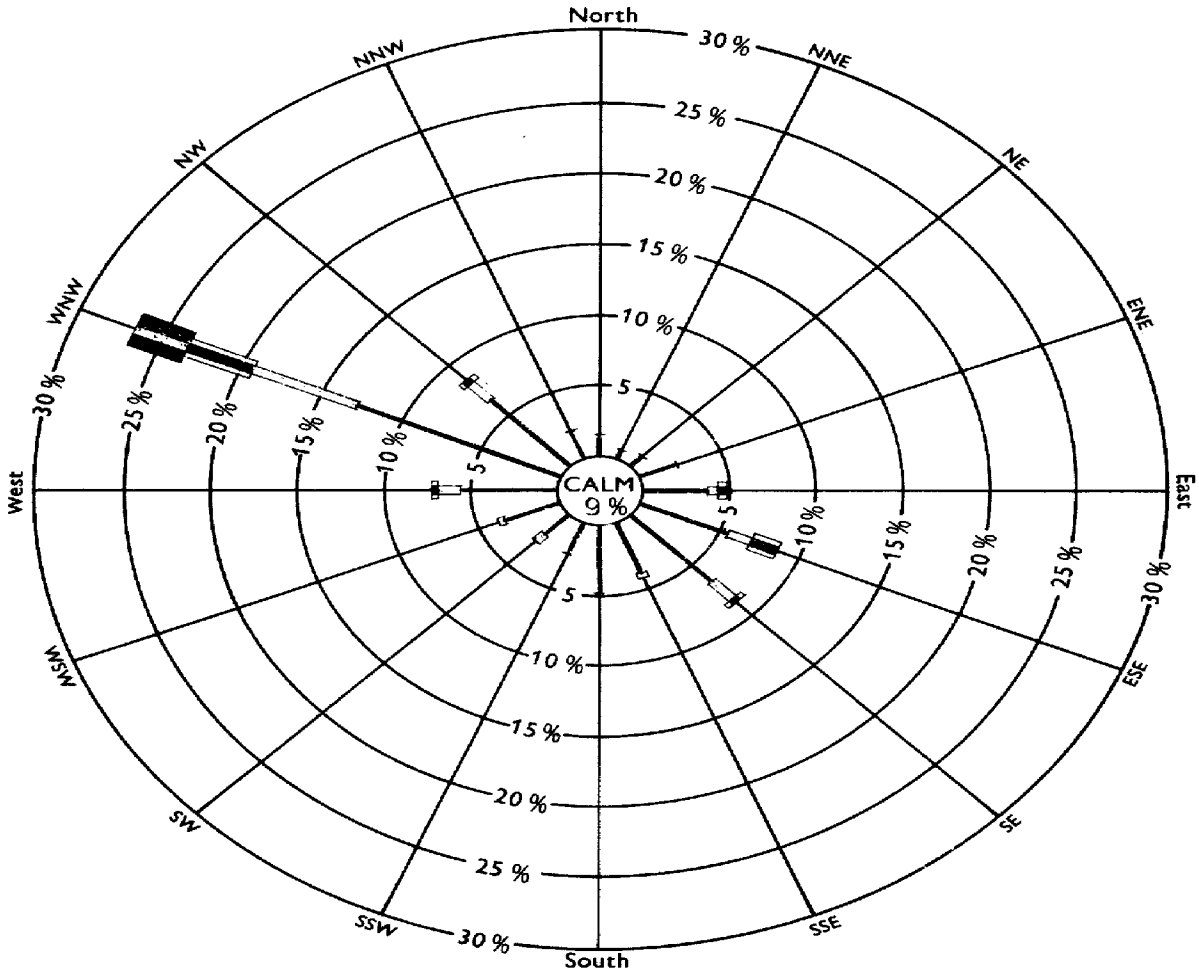
Met. Form 3b

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



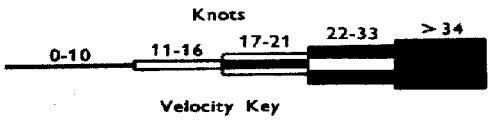
 Met. Form 4

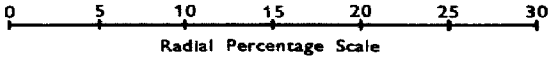
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : March	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 744

Hours recorded 709



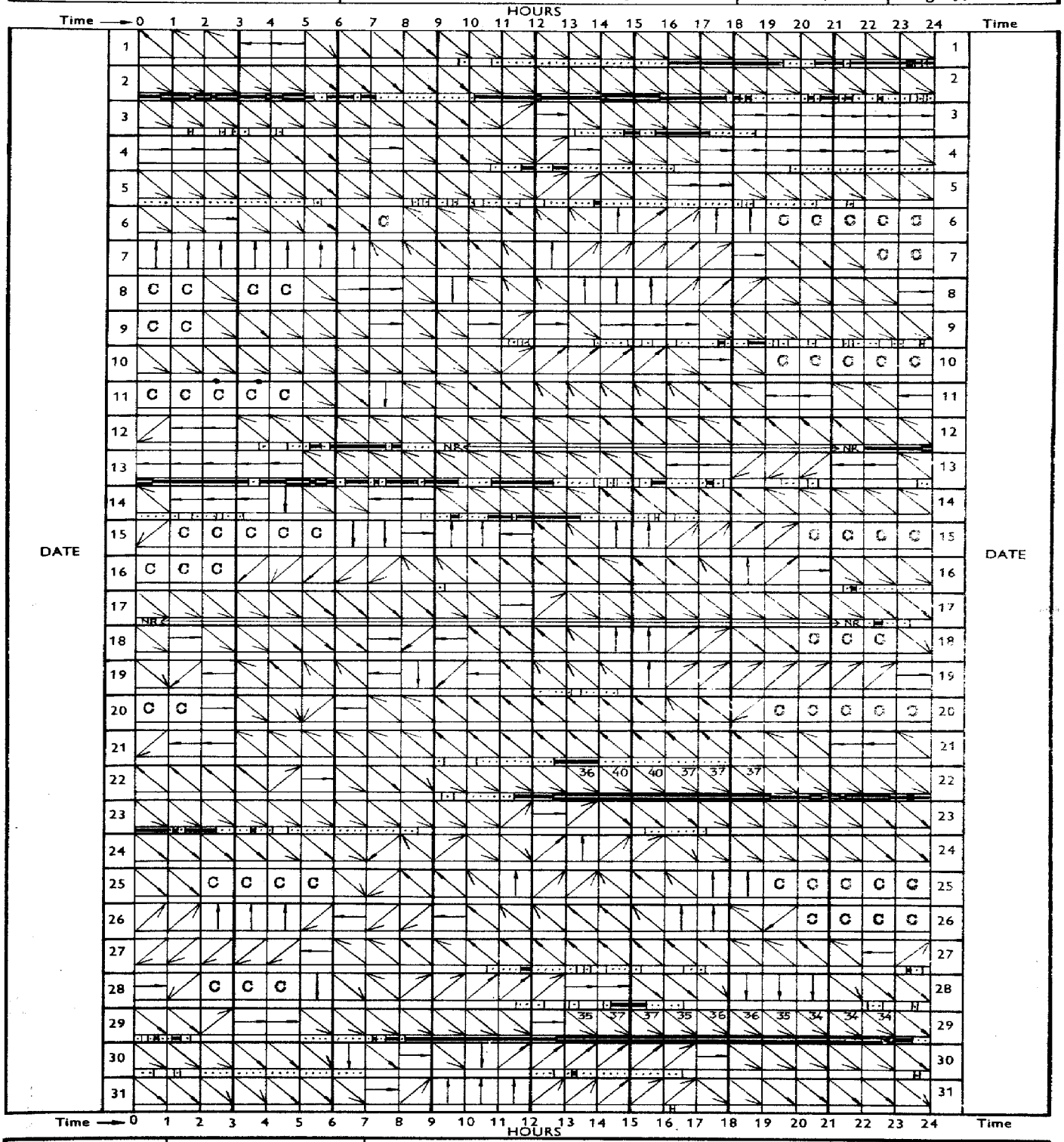


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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.

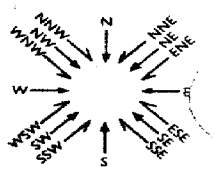
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : March	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 25°48' N.	Long : 53°22' E.



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

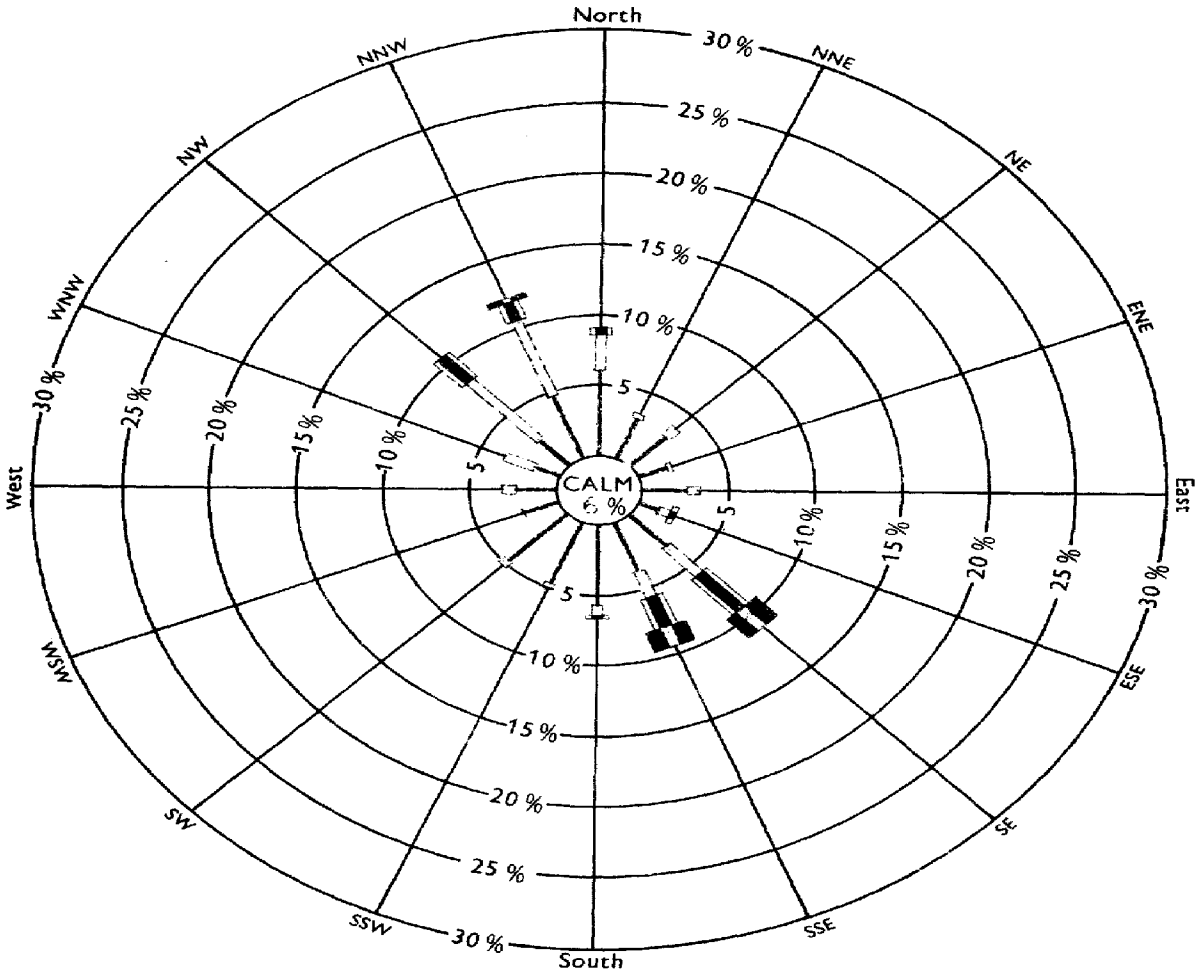
DIRECTION KEY



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)

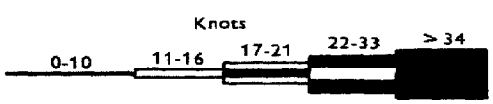
Remarks :

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

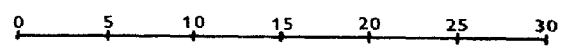


Hours in month 744

Hours recorded 744



Velocity Key



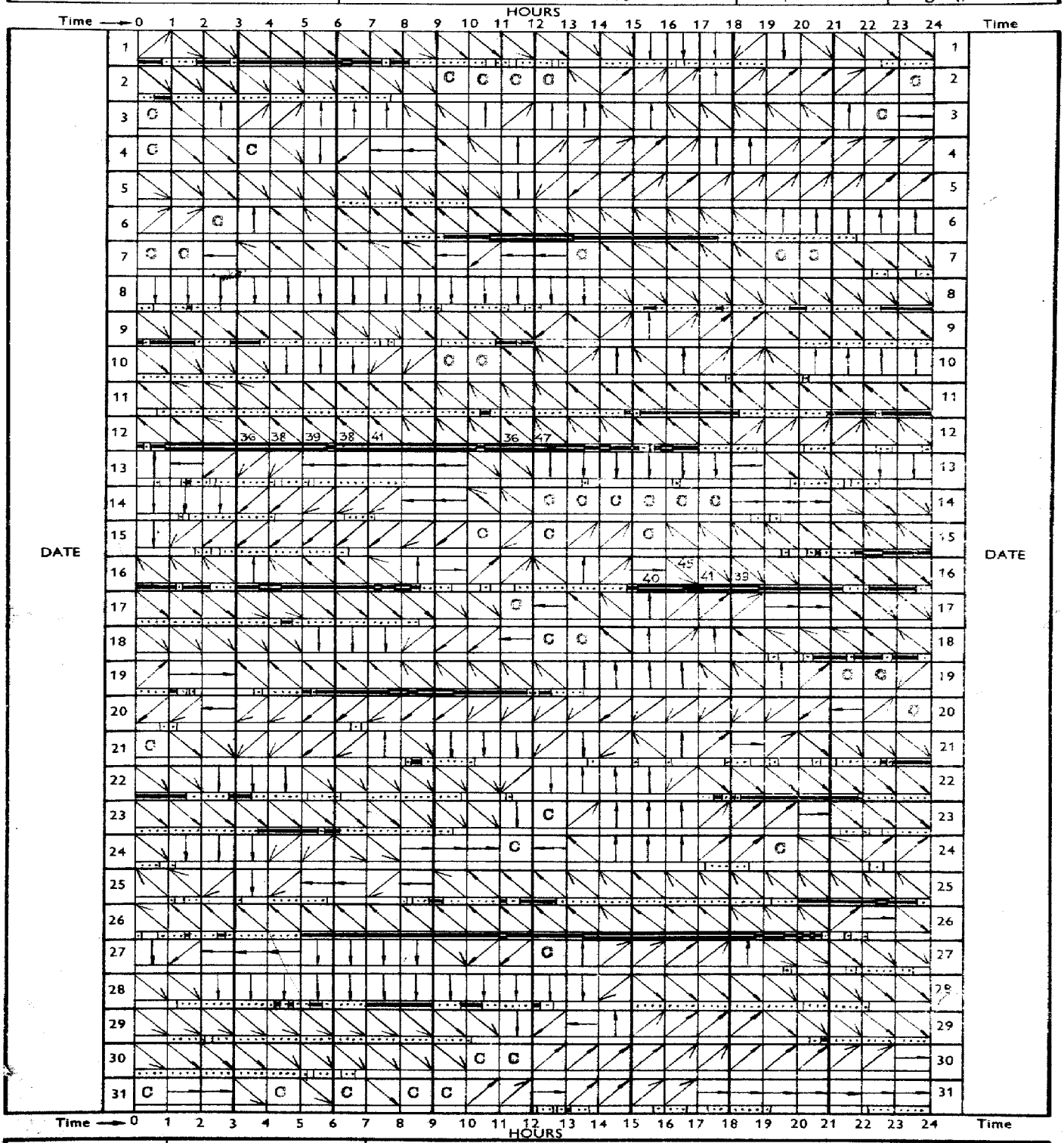
Radial Percentage Scale

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 : March	Year : 1956
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00.0' N.	Long : 48°00.0' E.



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

MEAN SEA LEVEL PRESSURE (OFF) MB

Date	Masjid-i-Sulaiman			Agha Jari			Gach Saran			Kut Abdullah		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1008.9	1012.4	1015.1	1009.3	1014.3	1015.8	1007.7	1011.4	1012.1	1008.9	1013.7	1015.4
2	1017.3	1017.5	1016.0	1018.1	1018.6	1016.9	1015.4	1015.2	1014.6	1018.1	1018.2	1016.3
3	1015.0	1015.6	1013.2	1016.0	1016.8	1014.6	1015.4	1014.1	1012.9	1015.5	1015.1	1012.9
4	1015.3	1016.9	1015.6	1016.6	1017.3	1015.7	1014.9	1014.2	1013.6	1015.6	1017.0	1015.3
5	1016.5	1016.9	1014.9	1017.9	1018.0	1015.6	1016.1	1014.8	1014.5	1016.7	1017.5	1015.0
6	1012.8	1009.9	1009.7	1014.2	1012.1	1010.8	1012.9	1012.1	1011.5	1013.3*	1009.4*	1008.8
7	1012.6	1012.7	1012.8	1013.9	1014.3	1012.3	1011.9	1011.0	1010.8	1012.8	1013.5	1012.3
8	1014.4	1015.0	1013.1	1014.9	1015.7	1014.5	1012.6	1012.3	1012.1	1014.9	1016.0	1014.3
9	1014.1	1015.3	1012.5	1016.5	1016.4	1013.5	1013.0	1011.4	1011.7	1015.7	1015.9	1012.7
10	1013.1	1012.3	1010.8	1014.3	1014.4	1011.3	1012.7	1011.6	1010.9	1013.3	1012.0	1010.3
11	1011.7	1011.6	1009.1	1013.0	1012.4	1010.2	1012.0	1011.1	1009.7	1012.1	1011.0	1008.7
12	1008.2	1009.5	1008.4	1006.9	1011.0	1008.1	1007.7	1013.1	1006.7	1005.2	1007.2	1008.5
13	1012.2	1013.8	1013.5	1012.7	1014.3	1013.9	1010.5	1011.1	1011.8	1012.7*	1014.5*	1014.4
14	1018.3	1018.9	1017.9	1018.6	1019.6	1017.5	1016.1	1015.1	1015.1	1018.2	1019.5	1017.7
15	1016.9	1015.7	1011.5	1017.1	1016.2	1012.3	1015.9	1014.2	1012.5	1015.4	1015.6	1011.0
16	1010.7	1008.6	1008.6	1009.1	1009.4	1009.5	1011.8	1007.5	1007.7	1010.1	1009.5	1010.0
17	1013.7	1014.1	1013.6	1015.3	1015.0	1013.5	1012.7	1012.0	1011.5	1014.1	1014.9	1013.2
18	1013.8	1013.1	1012.5	1015.0	1014.3	1013.9	1013.1	1012.2	1013.5	1014.4	1014.3	1011.9
19	1009.5	1009.3	1010.0	1011.0	1011.6	1012.3	1014.3	1014.2	1012.8	1010.5*	1009.9*	1010.9
20	1012.6	1012.6	1010.2	1011.8	1012.5	1008.5	1011.9	1009.7	1007.7	1014.4*	1012.4*	1008.9
21	1007.4	1009.3	1008.1	1008.7	1009.2	1010.6	1006.8	1011.3	1010.0	1008.7*	1009.9*	1009.7
22	1013.3	1014.0	1013.5	1015.5	1015.8	1014.1	1012.7	1012.3	1011.8	1015.[illegible]*	1015.0*	1013.6
23	1014.5	1014.7	1013.1	1015.9	1015.9	1013.8	1013.6	1012.7	1012.3	1015.1	1015.6	1013.4
24	1013.2	1012.9	1009.8	1014.3	1014.3	1011.2	1012.3	1011.3	1009.3	1013.4	1013.5	1010.0
25	1012.3	1009.4	1009.0	1012.6	1011.0	1010.0	1011.0	1010.5	1009.0	1011.7	1009.5	1009.0
26	1010.3	1011.1	1010.0	1012.0	1012.9	1010.7	1011.1	1012.3	1011.3	1009.7	1009.5	1010.2
27	1013.3	1013.3	1011.0	1013.4	1014.4	1013.3	1011.8	1014.3	1011.5	1013.7*	1014.4*	1011.0
28	1013.7	1012.8	1010.8	1015.4	1014.8	1012.5	1012.8	1011.4	1009.1	1015.1	1015.0	1012.4
29	1012.0	1011.6	1010.2	1013.7	1012.8	1010.4	1010.7	1009.3	1008.4	1012.3	1012.8	1010.3
30	1011.1	1011.7	1011.2	1013.3	1013.5	1011.6	1011.1	1011.1	1010.4	1012.1	1012.5	1011.1
31	1010.5	1010.8	1009.7	1012.1	1012.8	1010.6	1009.9	1009.7	1009.1	1011.8	1011.5	1010.1
Av.	1012.9	1013.0	1011.8	1013.8	1014.3	1012.6	1012.3	1012.1	1011.2	1013.3	1013.4	1011.7

Date	Abadan			Bandar Mashur			Kharg Island			Sheikh Sho'aib		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1010.8	1014.7	1015.6	1009.1	1013.7	1015.0	1010.5	1015.0	1014.6	1011.4	1012.7	1016.7
2	1018.8	1019.2	1017.3	1017.9	1018.1	1016.1	1017.1	1018.2	1016.2	1013.5	1014.5	1014.3
3	1015.2	1014.7	1013.4	1015.3	1016.0*	1013.2*	1016.3	1016.9	1014.0	1016.3	1015.7	1014.1
4	1015.8	1017.5	1015.8	1016.0	1016.8	1014.9*	1015.9	1016.4	1015.2	1014.6	1014.8	1013.8
5	1017.8	1017.9	1015.2	1016.8	1017.1	1015.9	1016.8	1017.6	1015.7	1014.2	1014.8	1014.0
6	1012.7*	1008.4*	1008.4	1013.3	1010.4	1009.6	1013.5	1014.1	1010.4	1014.7	1014.9	1014.1
7	1012.0	1013.5	1012.2	1012.6	1013.5	1011.8	1012.6	1012.9	1011.9	1013.8	1014.7	1012.3
8	1015.9	1016.4	1015.1	1014.7	1015.3	1014.1	1013.5	1014.8	1013.1	1013.0	1014.7	1013.5
9	1016.2	1015.6	1013.7	1015.8	1015.3	1012.7	1015.6	1015.9	1013.3	1013.1	1013.1	1011.7
10	1014.0	1013.6	1010.6	1013.4	1013.4	1011.1	1013.6	1013.9	1012.0	1012.8	1013.7	1012.9
11	1010.7	1010.3	1009.4	1011.5	1011.7*	1008.7	1012.8	1012.6	1010.3	1013.6	1014.5	1012.9
12	1005.1	1008.1	1008.2	1005.2	1009.1	1007.7	1008.8	1010.9	1007.3	1013.3	1014.9	1013.2
13	1012.3	1014.8	1014.4	1011.3	1013.6	1013.1	1010.8	1012.5	1013.1	1014.6	1014.0	1013.0
14	1018.1	1019.3	1017.4	1017.9	1018.7	1017.0	1017.3	1017.9	1016.5	1014.4	1015.4	1015.0
15	1016.7	1015.4	1011.2	1015.6	1015.1*	1011.5	1015.6	1015.5	1012.8	1016.1	1015.3	1014.2
16	1007.9	1008.1	1011.3	1007.9	1009.1	1008.7	1010.0	1009.3	1009.9	1011.1	1011.2	1009.5
17	1014.7	1014.9	1013.9	1014.3	1014.3	1013.7	1013.1	1015.0	1013.4	1012.1	1012.9	1013.6
18	1014.7	1015.5	1010.6	1014.5	1013.9	1008.5*	1014.0	1013.8	1014.2	1013.8	1014.5	1014.3
19	1009.3*	1010.5	1011.1	1010.4	1007.8*	1011.0	1012.7	1012.3	1011.2	1013.9	1012.7	1013.1
20	1013.3*	1011.8*	1008.3	1012.9	1010.9	1007.9	1012.2	1011.2	1008.5	1011.7	1011.9	1010.9
21	1009.5*	1010.3	1011.4*	1007.7	1006.4*	1010.5	1008.3	1010.0	1010.7	1009.8	1011.1	1009.7
22	1014.8*	1017.0*	1015.3	1014.6	1012.3*	1013.5	1013.9	1015.5	1013.7	1011.2	1011.5	1010.7
23	1016.1	1016.6	1014.2	1015.1	1015.5	1013.1	1014.9	1015.8	1013.4	1013.0	1014.1	1012.8
24	1013.8	1013.0	1010.9	1013.5	1013.2	1010.6	1013.7	1013.8	1010.9	1012.8	1013.3	1011.5
25	1013.1	1010.2	1008.4	1012.6	1010.5	1008.9	1011.7	1012.5	1009.8	1012.2	1013.9	1012.5
26	1008.8	1009.9	1009.6	1010.4	1011.5	1009.7	1011.3	1013.3	1011.4	1013.3	1014.7	1014.1
27	1014.1*	1014.9*	1012.9	1013.1	1013.7	1006.1	1013.5	1014.2	1011.8	1014.7	1015.3	1013.1
28	1015.6	1016.2	1013.8	1014.6	1011.1*	1012.1	1013.6	1013.9	1012.2	1011.4	1012.7	1010.6
29	1013.5	1012.7	1011.3	1013.1	1009.5*	1010.0	1011.6	1012.6	1010.4	1010.0	1011.1	1009.4
30	1013.0	1013.8	1011.7	1012.4	1013.0	1007.1*	1012.2	1013.1	1011.8	1011.3	1012.8	1012.1
31	1011.9	1012.7	1011.2	1011.3	1012.3	1010.0	1011.5	1013.0	1011.1	1013.1	1013.5	1011.3
Av.	1013.4	1013.8	1012.4	1013.1	1013.0	1011.4	1013.2	1014.0	1012.5	1013.1	1013.7	1012.5

* Values obtained from barograph.

Met. Form 9

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

LIBRARY
AUG 1 4 1964
WEATHER BUREAU

METEOROLOGICAL OBSERVATIONS

FOR

APRIL 1964

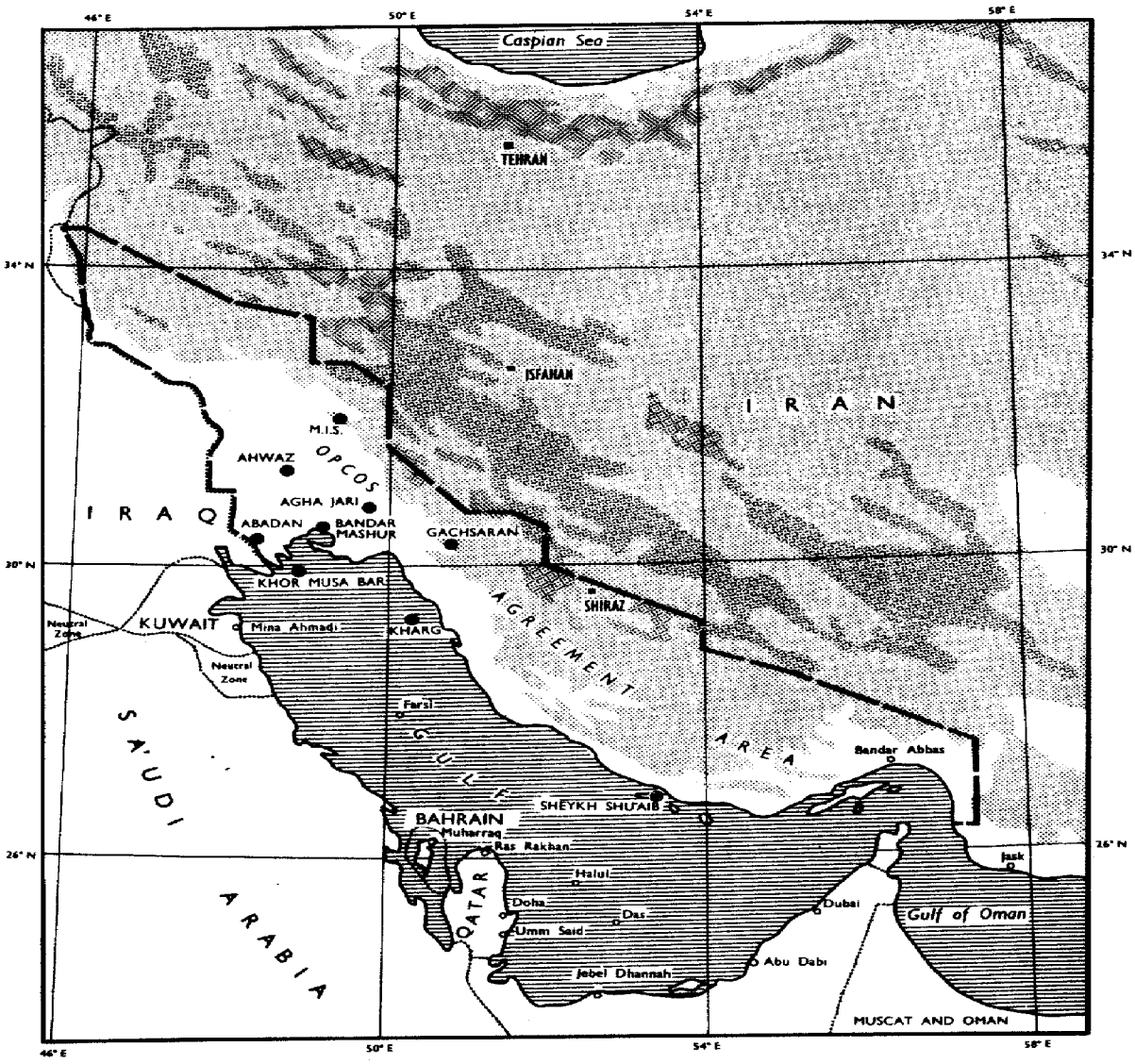
127.

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

April 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.	
Agha Jari (Ummidieh airport) 1)	40 833	30°44' N	49°40' E	29 m.	
Gach Saran (Du Gombadan airport) 1)	40 835	30°20' N	50°50' E	709 m.	
Ahwaz (New airport) 2)	-	31°20' N	48°45' E	21 m.	
Abadan (IOEPC airport) 2)	-	30°22' N	48°13' E	3 m.	
Bandar Mashur (Marine Department) 3)	40 832	30°30' N	49°12' E	3 m.	
Kharg Island (Airport) 1)	40 845	29°16' N	50°20' E	3 m.	
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	
Khor Musa (Instrument platform) 4)	-	30°00' N	49°02' E	6 m.	

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

REMARKS.

See "Remarks" in the January 1964 bulletin.

WEATHER.

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

Note: Climatological averages have now been calculated for all Fields Meteorological Stations. As most of the observations periods are short, caution has to be taken in using the table below. It gives rather a tendency or an indication, and the exact values should not be relied upon. The observation periods used are the following:

Masjid-i-Sulaiman (Airport)	1958-1963
Agha Jari (Pazanun and Ummidieh airports)	1957-1963
Gach Saran (Du Gombadan old and new airports)	1958-1963
Ahwaz (Kut Abdullah and Ahwaz new airports)	1957, 1959-1963
Abadan (Refinery)	1914-1960
Bandar Mashur (Chemical Dpt, airport and Marine)	1957-1963
Kharg Island (Airport)	1959-1963
Sheikh Shu'aib (Drilling camp and Decca Stn.)	1961-1963

	Maximum Temp. °C	Minimum Temp. °C	Sun Max. Temp. °C	Ground Min. Temp. °C	Sea Temp. °C	Rainfall in April % of normal	Rainfall Oct 63-Apr 64. % of normal	Relative Humidity Average of day %	Station Pressure mb	Total Rainfall Oct 63-Apr 64 (Accumulated seasonal rainfall).
Masjid-i-Sulaiman	-1.6	+0.7	-0.9	±0.0		9	67	-14	-0.6	209.4
Agha Jari	+0.1	-1.8				0	26	- 7	-0.2	44.4
Gach Saran	-1.4	-4.4	-2.2	+0.8		0	76	-13	-0.4	185.8
Ahwaz	-0.3	+0.1				0	39			48.6
Abadan	-2.5	-3.2				0	27		-0.8	45.0
Bandar Mashur	-2.2	-0.3				0	24		+0.2	40.6
Kharg Island	-0.9	-0.5		+2.0		0	55	- 7	-0.3	78.3
Sheikh Shu'aib	+0.6	-0.4	+1.9	+1.0	-2.0	0	191	- 6	+0.6	179.0

OPTICAL PHENOMENA.

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

Date	Station	Time	Type	Remarks	Clouds		
2nd	Agha Jari	1200	solar	upper part	8/8	Cirrostratus	
3rd	Masjid-i-Sulaiman	0445	lunar		8/8	"	
	Gach Saran	0930	solar		7/8	"	
	" "	1215	"		7/8	"	
7th	Agha Jari	0920	"	complete	8/8	"	
8th	" "	1020	"	"	8/8	"	
12th	Masjid-i-Sulaiman	1615	"		8/8	"	
	Abadan	1505	"	upper part	8/8	"	
16th	Masjid-i-Sulaiman	1500	"		7/8	"	
	Agha Jari	1020	"	complete	8/8	"	,3/8 Altostratus
28th	" "	1120	"		8/8	"	
29th	Abadan	1140	"		8/8	"	
30th	"	0735	"	upper part	8/8	"	,3/8 Altostratus

EARTHTREMORS ETC.

Earthtremors were reported from Fields Meteorological Stations at the following occasions.

14th at 2020 Masjid-i-Sulaiman
15th at 0800 -"-

No report on intensity was made.

T. Bergquist

T. Bergquist
Meteorologist
IMCOS Ltd.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month: April 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	28.9	33.8	21	17.2	13.1	12	14.0	8.3	10		60.8	68.6	30	7.9	20.8	26	18	37	3.6	3.6	17	969.5	976.9	24	960.7	17	47	130	21
Agha Jari	32.1	37.9	17	16.0	11.6	27	14.8	10.1	27					8.7	21.8	26	16	41	0.0	0.0	-	1009.0	1016.7	24	998.9	17	52	180	17
Gach Saran	27.7	32.7	29	12.1	6.3	26	11.6	6.4	26		60.6	67.0	16	7.4	19.9	30	18	49	Tr.	Tr.	17.21	930.1	936.3	24	925.1	21			
Ahwaz	31.6	35.3	17	15.6	11.2	12	15.1	9.8	12					9.7	18.7	31	17	53	Tr.	Tr.	7.17	1008.9	1017.6	24	997.9	17			
Abadan	31.4	35.6	4	16.0	10.7	12	14.6	9.8	23					11.0	16.9	35	18	61	Tr.	Tr.	16.17	1011.3	1020.0	24	1001.3	17			
Bandar Mashur	29.5	33.0	26.29	17.3	13.3	24	15.8	11.8	24					14.1	12.6	46	28	65	Tr.	Tr.	16	1010.9	1018.8	24	1000.4	17	36	310	22
Kharg Island	27.1	30.6	17	19.3	16.0	28	17.2	12.2	1					16.2	10.2	58	45	70	Tr.	Tr.	8	1011.1	1018.6	24	1003.0	17	36	340	22
Sheikh Shu'aib	30.0	34.7	16	19.9	16.2	3	19.4	14.0	25.29	22.7	67.4	76.9	24	18.2	10.7	63	51	76	Tr.	Tr.	3d.	1010.6	1015.4	3	1005.7	18	43	300	23
Khor Musa																											47	330	22

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	19	11	0	0	0	0	24	6	0	0	4	2	4	0	3	5	9	3	0	10	1	1	0	1	0	0	0	11	10	4.1
Agha Jari	0	0	7	23	0	0	0	0	26	4	0	0	4	4	2	1	4	0	7	8	0	10	0	0	0	0	0	0	0	10	11	4.3
Gach Saran	0	0	24	6	0	0	0	11	18	1	0	0	2	0	6	1	4	6	11	0	0	8	0	0	0	0	0	0	0	13	15	3.8
Ahwaz	0	0	9	21	0	0	0	0	29	1	0	0	5	2	3	1	2	7	4	6	0	10	0	0	0	0	0	0	0	8	16	3.4
Abadan	0	0	9	21	0	0	0	0	27	3	0	0	3	3	4	2	3	7	5	3	0	11	0	0	0	0	0	0	0	12	16	3.6
Bandar Mashur	0	0	15	15	0	0	0	0	26	4	0	0	0	3	7	2	3	2	13	0	1	9	0	0	0	0	0	0	0	11	11	3.6
Kharg Island	0	0	28	2	0	0	0	0	15	15	0	0	2	1	3	1	5	2	16	0	0	6	0	0	0	0	0	0	0	4	18	3.1
Sheikh Shu'aib	0	0	15	15	0	0	0	0	15	15	0	0	2	0	1	2	0	14	9	2	1	2	0	0	0	0	0	0	0	10	16	3.2

Met. Form 2

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : April 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	16.7	11.8	7.0	10.0	52	969.5	-	0	0	30	26.8	16.8	8.6	11.2	32	969.8	220	4	1	30	1
2	17.2	10.6	2.8	7.5	38	970.1	-	0	0	30	31.1	18.5	8.8	11.3	25	972.0	-	0	3	20	2
3	19.2	14.2	10.0	12.3	55	970.6	-	0	8	20	29.4	16.0	2.8	7.5	18	971.1	140	8	3	18	3
4	21.1	12.8	4.0	8.2	33	970.1	060	3	3	30	31.1	16.0	0.1	6.2	14	969.0	180	12	2	35	4
5	20.5	12.0	2.3	7.3	30	968.0	-	0	4	30	29.0	17.6	8.4	11.1	28	968.3	240	8	0	30	5
6	19.0	12.2	5.1	8.8	40	967.9	-	0	0	20	29.0	17.0	6.6	9.8	24	969.5	180	8	8	20	6
7	23.4	14.3	5.5	9.1	32	968.6	300	4	8	20	26.4	16.2	7.3	10.3	30	971.1	290	4	7	12	7
8	21.4	13.5	5.7	9.2	36	963.7	-	0	8	20	26.0	14.4	2.2	7.2	21	964.4	200	8	0	7	8
9	17.6	11.4	4.6	8.5	42	962.0	080	6	0	8	24.8	13.2	-0.4	5.9	19	961.9	160	15	2	2	9
10	17.1	10.2	1.7	6.9	35	968.0	080	15	0	12	22.2	12.5	1.4	6.8	25	969.8	100	8	4	8	10
11	19.7	10.7	-1.2	5.6	24	964.8	090	3	6	3	19.0	10.3	-1.1	5.6	25	966.2	300	15	X	0.1	11
12	14.0	10.0	5.6	9.1	57	969.0	-	0	X	1	22.2	12.4	1.1	6.6	25	969.2	-	0	X	0.5	12
13	20.2	11.0	-0.7	5.8	25	967.3	030	12	8	1	26.8	14.2	0.1	6.2	18	966.4	150	12	7	2	13
14	22.0	14.4	7.4	10.4	39	966.0	-	0	X	1	25.0	12.7	-2.4	4.9	16	970.2	200	12	0	4	14
15	16.3	10.0	2.3	7.3	39	970.4	-	0	6	7	24.2	13.4	1.4	6.8	22	970.8	-	0	4	7	15
16	18.5	11.2	2.7	7.5	35	968.6	-	0	5	10	29.1	15.0	-0.7	5.8	14	967.2	090	3	4	20	16
17	25.0	15.0	5.5	9.0	29	961.0	060	15	7	8	23.6	12.8	0.2	6.2	22	960.5	-	0	8	6	17
18	16.4	12.4	8.6	11.2	60	968.8	030	3	X	0.0	23.7	14.2	4.7	8.6	29	968.7	-	0	X	0.5	18
19	15.0	10.8	6.3	9.6	57	968.4	-	0	1	0.8	24.6	12.6	-2.2	5.1	17	968.7	270	4	3	7	19
20	20.2	11.5	1.1	6.7	29	966.5	040	10	5	6	27.5	15.0	1.9	7.1	19	968.0	-	0	0	15	20
21	24.2	13.0	-0.2	6.0	20	961.4	-	0	7	10	31.4	16.0	-0.5	5.9	13	960.2	180	28	X	0.2	21
22	17.4	11.0	3.6	8.0	40	965.9	280	5	X	0.6	23.5	13.6	3.0	7.7	27	968.3	250	5	1	3	22
23	15.8	9.6	1.8	6.9	39	973.5	-	0	4	15	23.4	11.2	-6.5	3.6	12	975.7	030	1	2	20	23
24	15.0	8.5	-0.1	6.1	36	976.5	-	0	0	20	24.6	12.2	-4.3	4.3	14	976.6	250	5	0	20	24
25	16.6	10.2	2.4	7.3	39	974.8	-	0	0	25	27.6	12.3	-13.1	2.1	5	974.2	-	0	0	40	25
26	15.4	9.8	2.7	7.6	43	973.1	-	0	0	20	29.8	14.2	-5.9	3.8	9	972.9	240	10	0	20	26
27	17.6	9.6	-1.1	5.6	18	970.2	-	0	0	30	29.6	13.7	-8.6	3.0	7	970.6	260	6	0	40	27
28	18.4	10.4	0.4	6.4	30	970.2	-	0	2	20	30.6	15.1	-3.1	4.8	11	971.2	290	10	8	20	28
29	24.6	13.8	2.2	7.2	23	968.1	-	0	8	20	32.2	15.6	-3.9	4.5	9	967.8	150	10	4	15	29
30	20.4	13.0	5.6	9.1	38	970.9	-	0	0	12	27.5	16.0	5.4	9.0	24	971.3	-	0	8	15	30
31																					31
Av.	18.9	11.6	3.5	8.0	37	968.5	-	6	4	17	26.7	14.4	0.4	6.6	19	969.1	-	7	4	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 : April Year : 1964

Station : [illegible]

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

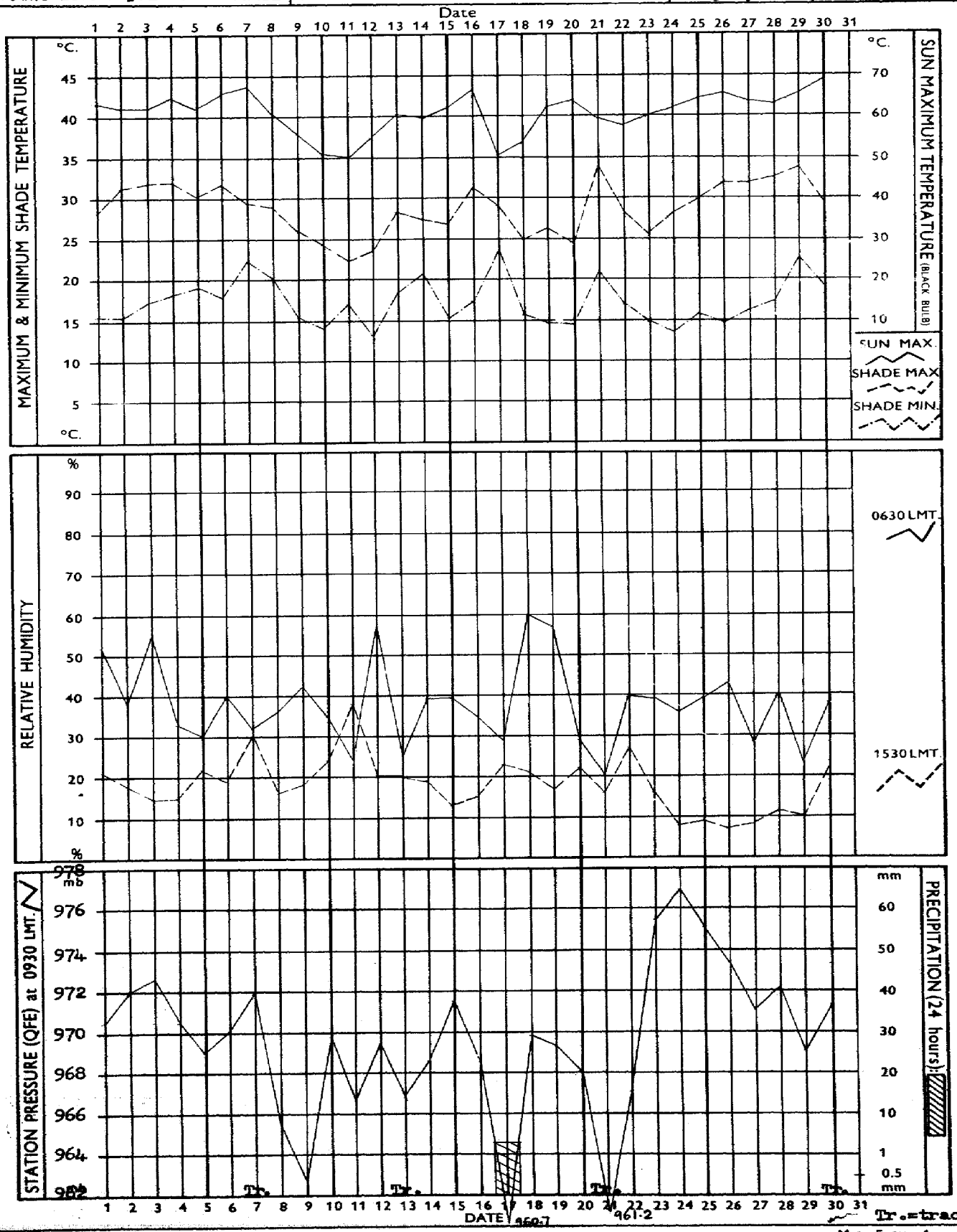
Observations at 1830											Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	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		
25.6	14.5	3.2	7.7	23	968.2	260	8	0	40			28.1	15.5	9.7	63.0	200	18	0	Clear	1
27.2	15.0	2.6	7.4	20	969.4	–	0	0	20			31.3	15.5	11.2	62.0	060	11	0	Haze	2
29.0	15.4	1.2	6.7	17	969.2	180	10	5	35			34.8	17.2	13.2	62.0	050	14	0	P. Cloudy	3
28.6	15.8	3.3	7.8	20	966.6	190	8	0	30			32.0	15.2	15.5	64.5	360	23	0	Clear	4
27.6	15.5	3.8	8.0	22	966.6	–	0	0	20			31.2	15.0	13.0	62.0	360	14	0	"	5
29.0	16.8	6.1	9.4	23	968.5	–	0	8	20			31.6	17.8	11.3	66.3	090	10	0	Cloudy	6
26.2	12.0	9.6	12.0	35	966.0	070	6	8	12			23.3	22.2	19.9	67.2	320	24	Tr.	Rain	7
24.4	14.0	3.2	7.7	25	962.8	270	10	0	3			[illegible]	20.0	16.3	61.0	140	24	0	Haze	8
20.1	12.0	3.0	7.6	32	962.8	260	15	0	0.8			[illegible]	15.3	10.4	55.8	070	36	0	Sandst.	9
21.0	13.0	4.7	8.6	34	968.4	120	10	5	2			[illegible]	14.2	8.3	50.8		21	0	Haze	10
17.8	11.4	4.4	8.4	41	968.5	300	8	X	0.1			22.2	17.0	15.0	50.0	250	23	0	Sandst.	11
21.0	12.2	2.2	7.2	29	969.4	–	0	0	1			23.4	13.1	12.1	55.0	030	16	0	Dust	12
27.1	14.4	0.5	6.3	18	963.7	180	15	8	0.2			28.2	18.2	15.7	60.2	160	33	Tr.	Rain	13
21.6	11.7	-0.6	5.9	23	970.4	270	5	0	3			27.4	20.5	15.6	59.5	260	21	0	Dust	14
24.1	12.0	-4.2	4.4	15	969.4	300	6	5	20			26.8	15.2	14.1	62.0	270	10	0	Haze	15
28.8	15.2	0.6	6.4	16	964.9	300	2	7	20			31.3	17.4	15.8	66.2	140	14	0	"	16
24.2	13.4	1.3	6.8	22	961.5	270	15	X	0.0			29.0	23.5	21.1	50.4	050	37	3.5	Th.storm	17
22.5	12.5	1.1	6.5	24	967.3	240	4	X	0.6			24.8	15.6	15.1	53.3	260	11	0	Dust	18
24.0	12.5	-1.6	5.4	18	967.7	250	2	0	4			26.3	14.5	12.0	62.0	250	18	0	"	19
27.0	13.8	-2.0	5.2	15	963.7	–	0	7	15			29.4	14.5	12.7	63.6	090	17	0	Haze	20
28.2	15.0	1.1	6.6	18	960.0	160	15	X	0.5			33.8	20.8	18.7	59.0	130	47	Tr.	Rain	21
22.6	12.6	1.1	6.6	24	968.2	260	8	1	1			28.3	16.8	17.1	57.5	100	19	0	Dust	22
23.6	12.0	-3.3	4.8	17	974.6	250	10	0	20			25.5	14.8	12.2	60.0	290	17	0	Fair	23
25.2	11.6	-9.3	2.8	9	974.3	270	5	0	40			28.0	13.5	12.2	61.8	270	17	0	Clear	24
26.5	13.0	-4.8	4.2	12	972.0	260	5	0	40			29.8	15.7	11.1	64.0	250	14	0	"	25
29.0	13.3	-9.6	2.8	7	970.3	270	4	7	40			31.7	14.6	10.0	65.3	260	16	0	P.Cloudy	26
29.0	14.0	-5.3	4.0	10	969.5	240	2	0	40			31.8	16.1	13.8	63.2	260	19	0	Clear	27
31.0	15.4	-2.4	5.0	11	968.1	–	0	8	30			32.5	17.2	12.9	62.4	250	16	0	Cloudy	28
29.0	14.9	-0.9	5.7	14	967.7	180	6	5	5			33.6	22.7	18.8	65.1	180	25	0	Haze	29
20.6	14.6	9.4	11.7	49	970.9	030	7	8	20			29.4	19.2	14.2	68.6	020	32	Tr.	Rain	30
																				31
25.4	13.7	0.6	6.7	21	967.7	–	6	4	16			28.9	17.2	14.0	60.8					Av.

CODE FOR REMARKS (continued)

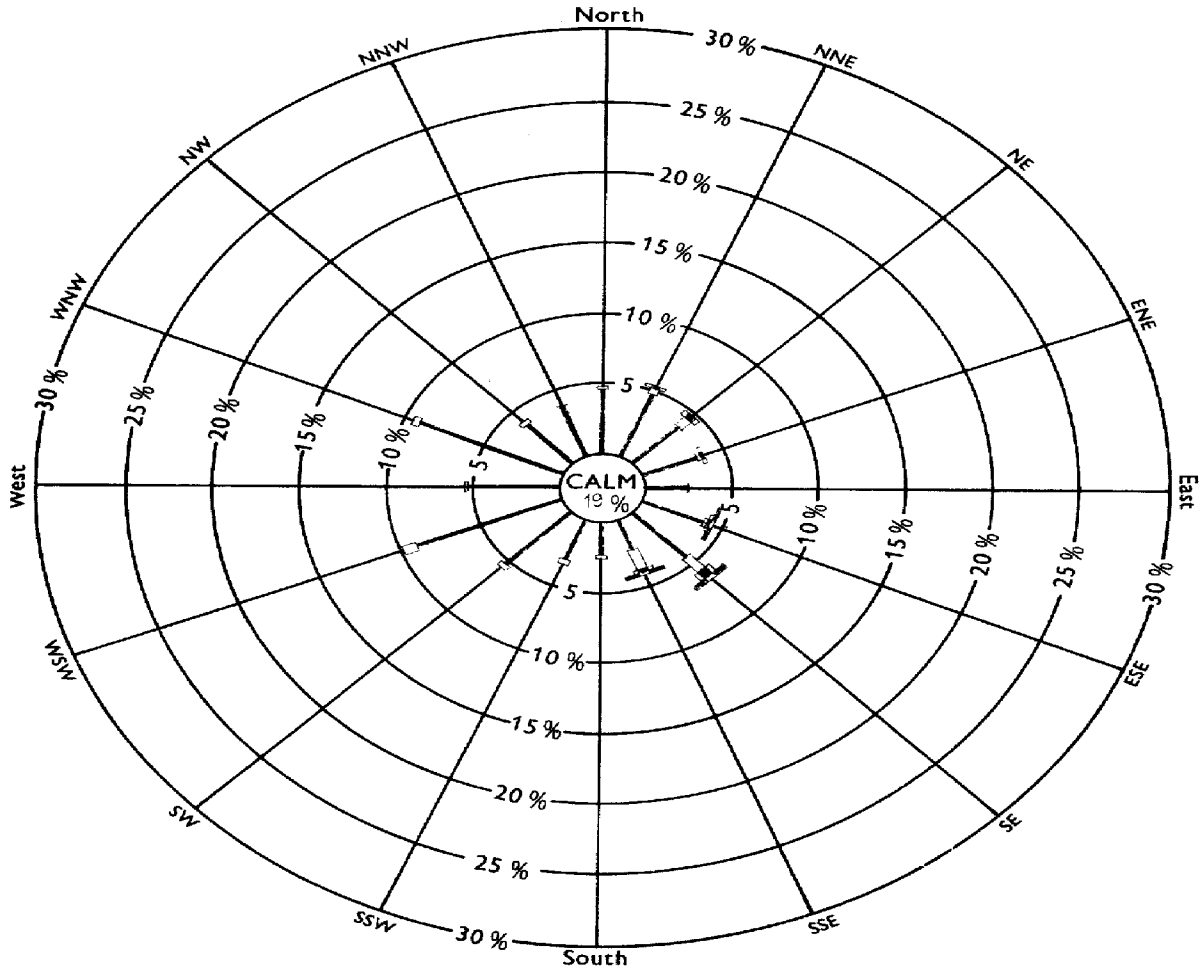
Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

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

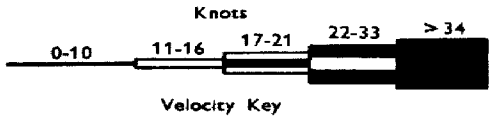


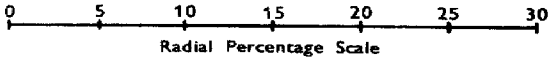
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : April	Year : 1964
		Station : Lasgid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31° 59' N.	Long : 49° 16' E.



Hours in month 720

Hours recorded 688



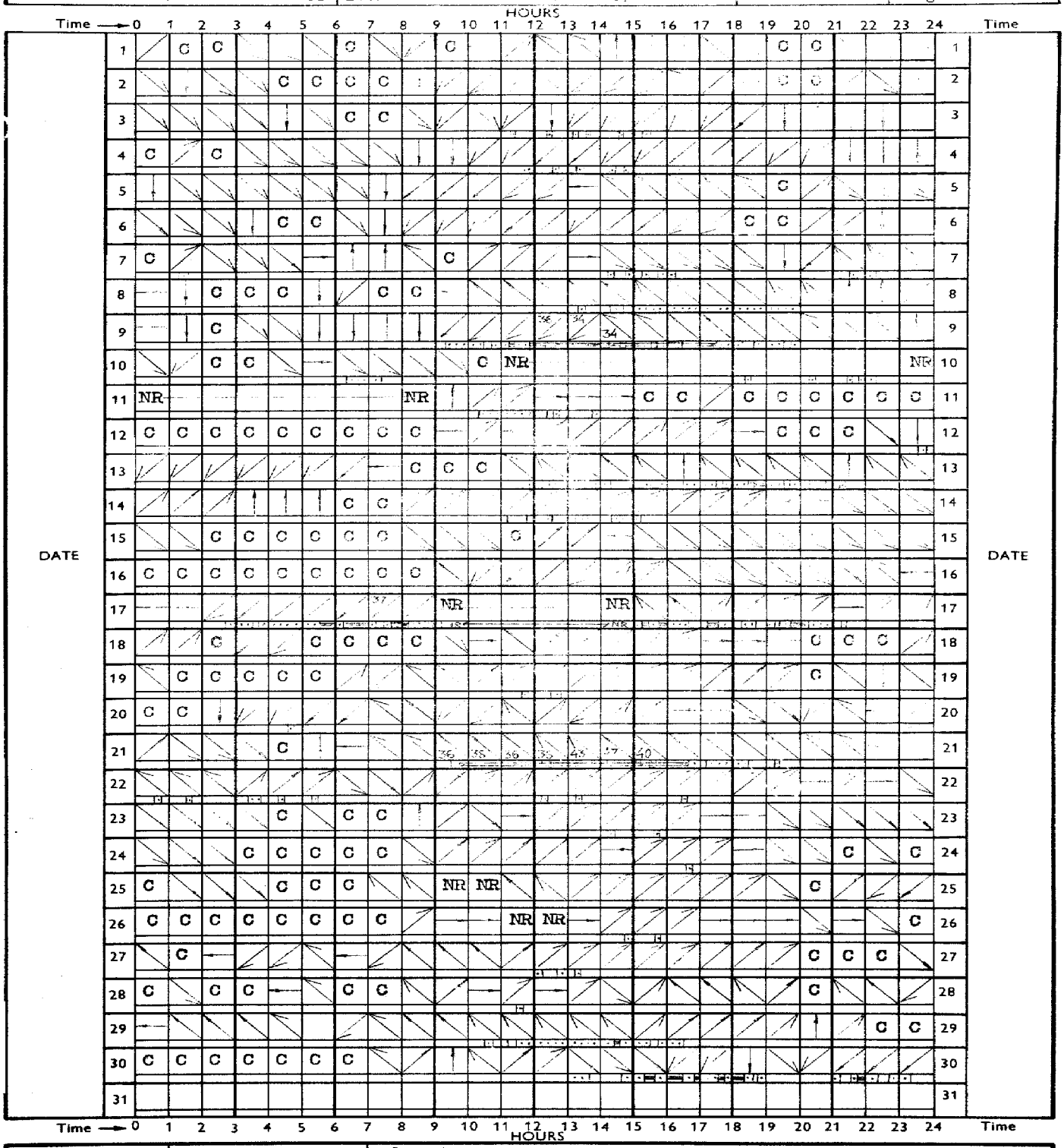


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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.

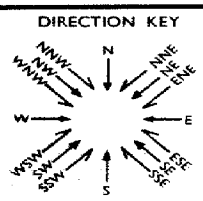
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : April	Year : [illegible]
		Station : [illegible]	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31° 56' 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 The wind direction was not correctly recorded during the period 1-11 April. A correction of +110° has been applied to the recorded direction.

136.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : April Year [illegible]

Station : [illegible]

Ground Level : 29 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°44' N. | Long : 48°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	15.7	10.2	3.9	8.1	45	1009.1	340	4	0	30	30.0	16.6	4.0	8.2	19	1009.2	300	8	0	30	1
2	14.2	8.6	1.2	6.7	41	1010.5	140	6	0	30	30.2	17.5	6.7	9.9	23	1011.3	–	0	8	30	2
3	15.6	10.0	3.3	7.8	44	1010.1	140	7	8	30	32.5	16.6	0.1	6.2	13	1010.4	170	17	6	30	3
4	19.0	11.4	2.7	7.4	34	1009.5	150	6	6	30	32.8	21.5	14.6	16.7	32	1008.7	170	19	7	30	4
5	16.7	12.1	7.6	10.5	55	1007.8	150	4	2	30	30.3	17.8	7.4	10.4	24	1007.3	180	15	0	30	5
6	17.1	15.7	14.8	16.9	86	1007.9	140	4	1	20	30.6	19.0	10.5	12.7	29	1008.4	170	10	0	30	6
7	20.4	12.6	4.4	8.4	35	1007.7	150	8	5	20	31.5	18.1	7.0	10.1	22	1010.3	360	4	8	30	7
8	21.4	14.1	7.3	10.3	40	1003.4	–	0	4	20	31.4	17.0	3.6	7.9	17	1003.4	320	18	8	4	8
9	17.1	11.1	4.4	8.4	43	1002.5	120	6	0	4	29.4	15.3	0.0	6.1	15	1003.1	180	25	0	4	9
10	15.7	9.9	2.9	7.6	42	1008.2	–	0	8	3	26.9	15.1	3.3	7.8	22	1009.3	190	15	0	3	10
11	17.4	10.0	0.6	6.4	32	1004.5	140	10	3	4	25.1	14.7	4.4	8.5	27	1005.8	270	22	X	0.5	11
12	14.5	9.9	4.6	8.5	51	1009.2	–	0	X	1	24.0	13.7	2.8	7.5	25	1009.7	–	0	X	1	12
13	18.3	10.5	0.6	6.5	31	1007.2	–	0	8	4	27.9	16.5	6.4	9.7	26	1006.7	150	20	X	0.8	13
14	21.2	14.5	8.6	11.2	43	1005.8	–	0	X	1	30.0	16.2	2.7	7.5	18	1009.3	3[illegible]	20	X	1	14
15	15.6	9.5	1.1	6.6	37	1009.9	310	4	6	40	27.6	14.1	−1.7	5.3	14	1010.3	350	18	4	[illegible]	15
16	17.0	10.8	3.8	8.0	39	1008.0	–	0	7	20	30.4	15.9	0.6	6.5	15	1006.3	300	[illegible]	8	20	16
17	28.5	17.0	7.2	10.2	26	1000.4	130	25	7	4	34.8	19.4	7.2	10.2	18	997.9	130	[illegible]	7	[illegible]	17
18	18.7	13.5	8.8	11.4	53	1008.8	320	8	X	0.2	26.5	15.0	3.4	7.9	23	1008.0	330	[illegible]	[illegible]	[illegible]	18
19	16.3	10.1	2.7	7.4	40	1007.8	300	2	3	2	29.5	16.1	2.8	7.6	18	1007.7	320	8	0	[illegible]	19
20	14.3	8.2	−0.7	6.1	37	1006.2	–	0	5	4	31.5	16.9	2.9	7.6	16	1005.9	–	[illegible]	0	[illegible]	20
21	22.6	12.9	2.2	7.1	26	1000.1	130	10	0	4	35.2	20.3	9.4	11.9	21	999.8	180	37	8	0.8	21
22	20.1	14.0	8.7	11.2	48	1006.3	340	20	6	0.7	26.1	15.5	5.6	9.1	27	1008.3	340	15	0	3	22
23	13.9	8.6	1.7	7.0	44	1013.7	–	0	0	20	26.7	13.9	−1.1	5.7	16	1015.8	–	0	0	30	23
24	12.9	7.4	−0.4	6.0	48	1016.1	340	8	0	40	29.0	14.2	−4.1	4.4	11	1016.1	330	15	0	40	24
25	18.0	10.3	0.6	6.4	31	1014.1	320	2	2	30	31.5	15.0	−5.6	3.9	8	1013.7	350	10	0	40	25
26	15.0	8.7	0.3	6.3	37	1012.1	020	4	0	30	32.4	15.7	−3.8	4.5	9	1012.0	310	6	1	40	26
27	13.0	7.0	−1.8	5.3	35	1010.0	–	0	0	40	32.6	15.5	−5.4	3.9	8	1010.1	290	6	0	40	27
28	14.2	8.0	−0.7	5.8	36	1010.3	150	2	2	40	32.2	16.3	−0.7	5.8	12	1010.4	270	4	8	40	28
29	19.5	12.0	3.8	8.1	36	1007.9	210	6	8	30	33.9	17.8	2.8	7.5	14	1007.9	180	10	6	30	29
30	17.5	11.0	3.5	7.9	40	1009.8	–	0	8	3	32.6	17.0	1.7	6.9	14	1010.0	–	0	0	8	30
31																					31
Av.	17.4	10.7	3.6	8.5	41	1008.2	–	5	4	18	30.2	16.5	2.6	7.9	19	1008.4	–	12	5	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: April Year: 1964

Station: Agha Jari

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

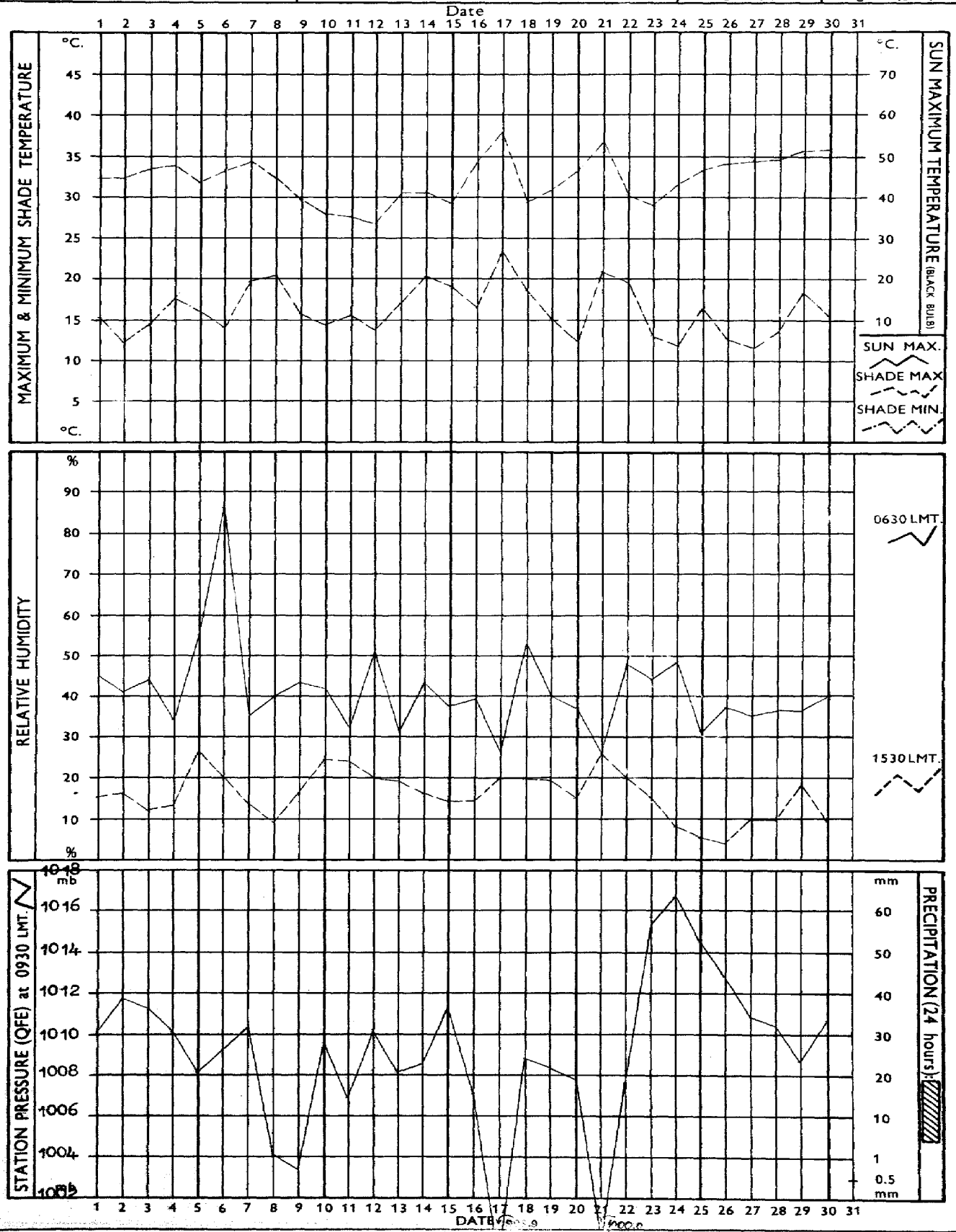
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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	Remarks	Date
29.3	18.0	9.2	11.6	29	1007.0	320	5	0	40		32.2	15.1					0	Clear	1
29.4	15.9	2.3	7.3	18	1008.4	210	8	4	30		32.2	12.2			150	15	0	P.Cloudy	2
29.6	15.0	-1.6	5.4	13	1008.4	170	15	8	30		33.3	14.6			160	25	0	O-cast	3
27.2	17.2	9.2	11.7	32	1006.4	170	14	0	30		33.9	17.6			190	24	0	P.Cloudy	4
29.2	18.1	9.5	11.9	29	1005.3	230	8	0	30		31.7	16.1			190	23	0	Fair	5
29.8	16.7	4.7	8.6	21	1007.1	190	15	8	20		33.2	14.1			160	22	0	Cloudy	6
31.3	15.5	-2.5	5.0	11	1005.6	190	10	7	30		34.4	19.5	17.0		150	20	0	"	7
28.8	15.6	2.3	7.3	18	1001.7	320	18	8	2		32.4	20.2	18.5			28	0	Haze	8
24.5	13.9	2.7	7.4	24	1003.3	320	25	0	0.5		29.6	15.7	13.1		200	37	0	Sandst.	9
25.0	15.0	5.6	9.1	29	1007.7	180	12	8	3		27.8	14.4	11.9		200	22	0	Haze	10
22.1	12.9	2.8	7.5	28	1007.5	330	2	X	0.2		27.5	15.5	14.5			29	0	Sandst.	11
24.2	12.5	-2.2	5.1	17	1008.8	290	7	8	8		26.6	13.9	15.2		350	18	0	Dust	12
27.2	14.0	-1.4	5.5	15	1004.1	170	20	X	1		30.1	17.1	15.5		150	33	0	Sandst.	13
25.8	14.0	1.1	6.6	20	1009.7	320	17	0	6		30.5	20.2	19.0		160	40	0	"	14
27.6	13.8	-2.2	4.8	13	1007.4	340	12	7	40		29.1	14.0	12.5		330	22	0	P.Cloudy	15
31.4	17.5	5.3	8.9	19	1003.6	320	10	8	20		34.3	16.6	15.2		340	21	0	O-cast	16
28.8	17.5	8.3	11.0	28	1001.0	220	26	X	0.3		37.9	23.2	20.4		180	52	0	Sandst.	17
25.9	14.5	2.8	7.5	22	1006.0	330	15	8	2		29.2	18.4	16.1		340	23	0	Dust	18
27.6	15.0	1.8	7.0	19	1005.7	320	10	0	5		30.6	15.1	14.1		330	23	0	Haze	19
30.3	16.2	2.2	7.2	17	1002.4	-	0	0	15		33.0	12.5	11.4		220	12	0	"	20
30.0	18.9	10.8	13.0	31	999.6	180	30	X	0.4		36.5	20.8	19.2		180	47	0	Sandst.	21
25.8	14.5	2.8	7.5	22	1008.3	300	10	0	5		30.0	19.5	19.6		320	30	0	"	22
25.9	13.0	-3.4	4.7	14	1014.0	340	8	0	40		28.9	13.0	12.0		310	22	0	Clear	23
28.7	13.5	-7.2	3.4	9	1013.3	340	10	0	20		31.5	11.8	10.3		320	28	0	"	24
30.5	14.4	-6.7	3.5	8	1011.2	320	12	0	40		33.1	16.5	15.0		320	22	0	Fair	25
31.8	15.0	-6.3	3.6	8	1009.0	310	8	2	40		34.0	12.7	11.0		350	16	0	"	26
32.4	15.0	-7.9	3.2	7	1008.5	270	4	0	40		34.2	11.6	10.1		270	15	0	Clear	27
28.8	15.5	1.7	7.0	18	1007.9	220	15	8	20		34.5	13.6	12.2		230	21	0	Cloudy	28
31.7	15.4	-3.8	4.5	10	1007.3	290	20	X	0.7		35.7	18.2	15.6		300	25	0	Sandst.	29
31.1	16.5	2.1	7.1	16	1007.1	350	25	6	5		35.9	16.5	15.0			28	0	Haze	30
																			31
28.4	15.3	1.4	7.1	19	1006.8	-	13	4	14		32.1	16.0	14.8						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

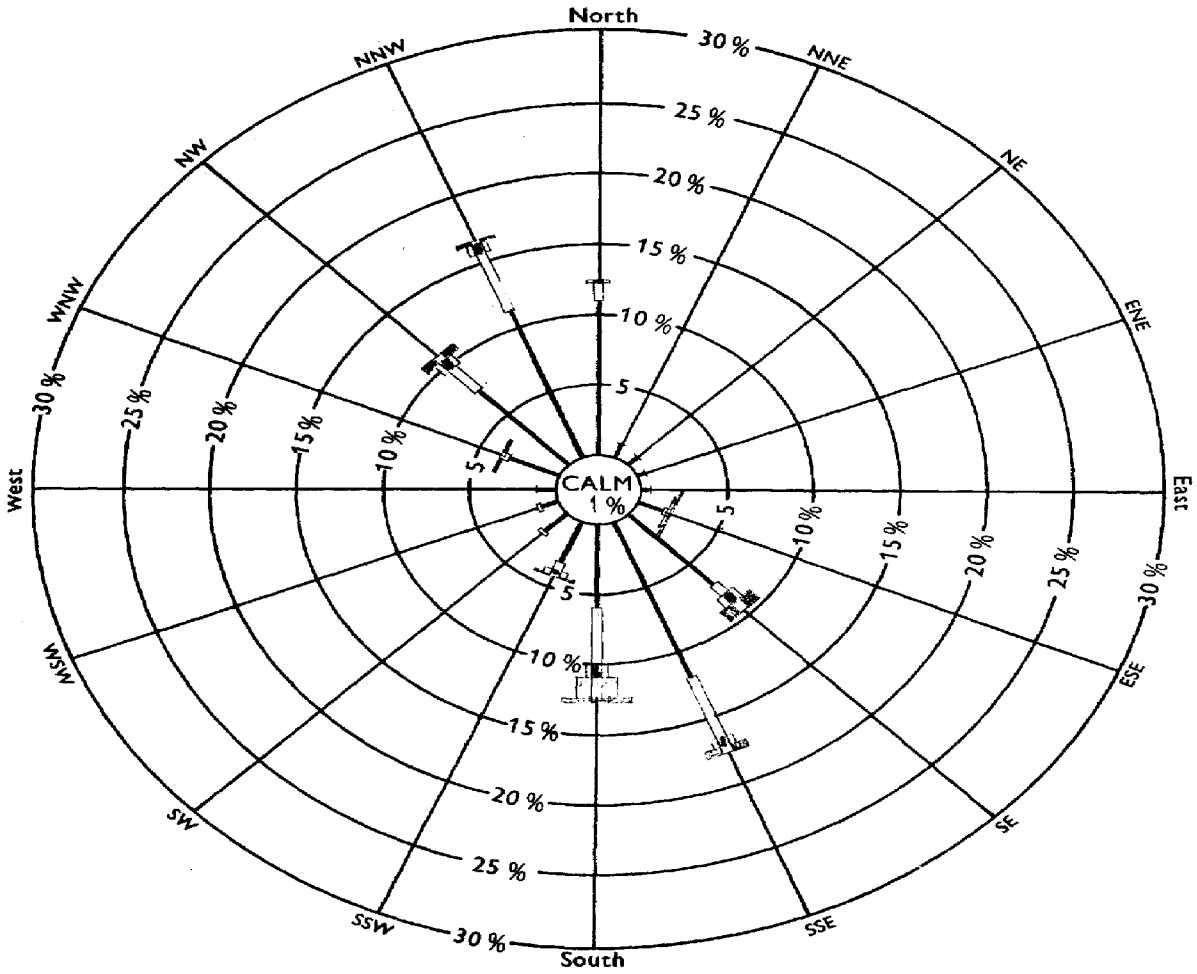
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : April	Year : 1944
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



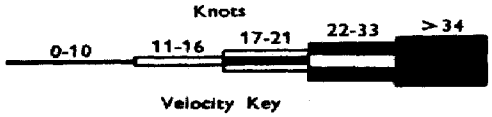
Met. Form 4

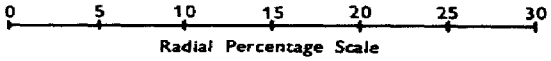
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : April	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°22' N.	Long 49°40' E.



Hours in month 720

Hours recorded 612



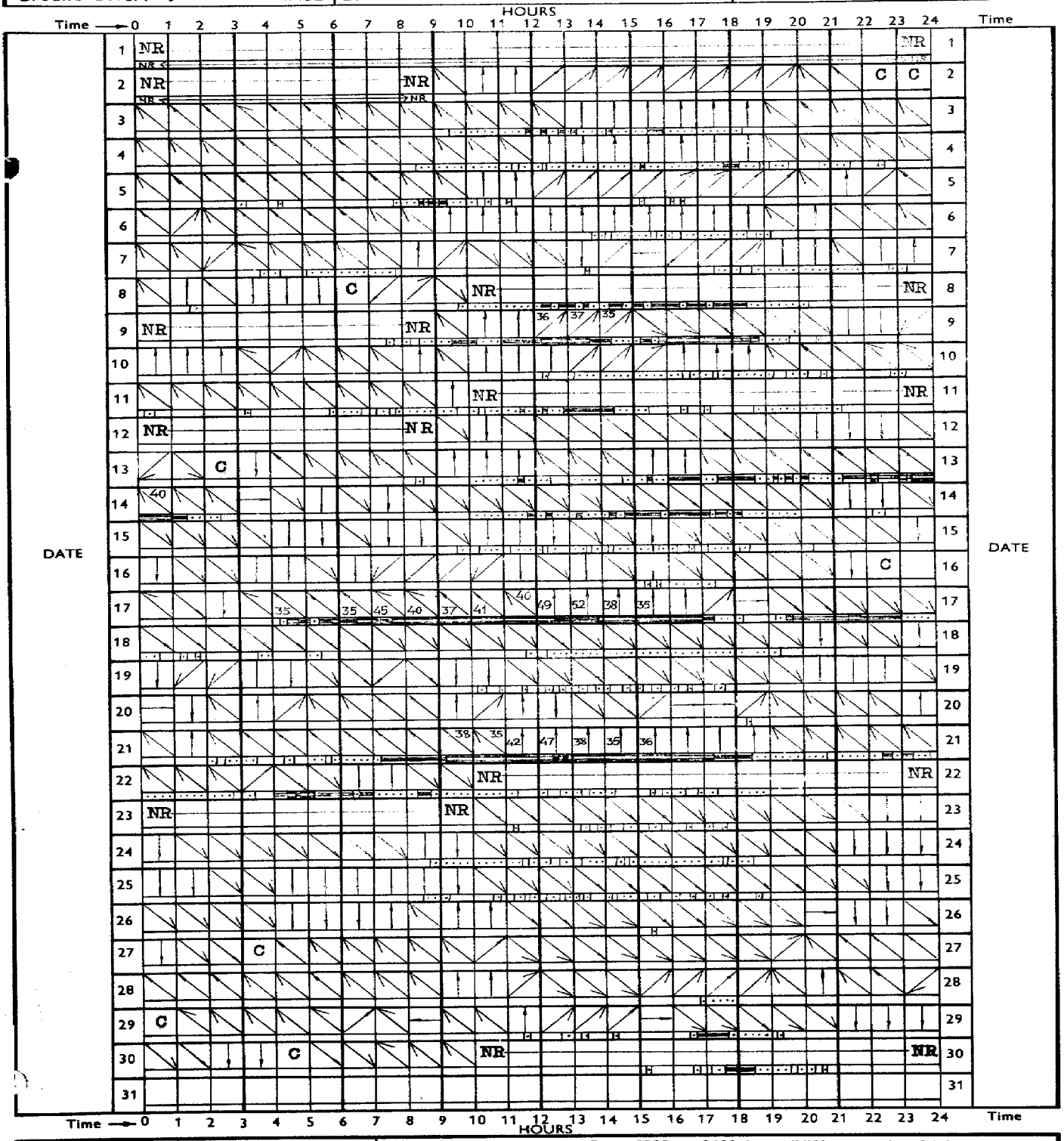


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 : April	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.	

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 periods of NR, the direction pens have not been recording properly.

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : April Year : 1964

Station : Gach Saran

Ground Level : 709 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 30° 20' N. | Long : 50° 30' 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	9.9	7.7	5.0	8.8	72	928.7	–	0	0	10	23.5	13.1	1.4	6.8	23	929.3	270	18	0	20	1
2	8.7	6.7	4.1	8.2	73	930.8	–	0	0	20	25.0	14.0	2.3	7.2	23	932.1	190	9	[illegible]	20	2
3	10.5	8.5	6.2	9.5	75	932.0	–	0	7	20	25.6	15.0	4.7	8.5	26	[illegible]	170	8	7	20	3
4	14.7	10.0	4.7	8.5	51	931.0	300	4	7	20	26.1	15.0	4.0	8.2	24	[illegible]	[illegible]	9	7	20	4
5	10.0	8.0	5.6	9.1	74	929.7	–	0	1	20	25.1	14.5	3.8	8.0	25	[illegible]	[illegible]	[illegible]	[illegible]	20	5
6	11.1	9.5	7.8	10.6	80	929.3	–	0	0	20	27.1	16.4	7.1	10.1	28	930.1	–	[illegible]	6	20	6
7	16.1	12.0	8.0	10.7	58	930.2	120	8	7	20	27.3	15.0	2.2	7.2	22	931.2	270	11	2	20	7
8	18.6	13.1	8.0	10.7	50	924.6	–	0	7	12	27.5	16.0	5.3	9.0	25	924.2	250	12	6	12	8
9	12.6	9.5	6.1	9.4	64	924.0	–	0	0	2	[illegible]	13.0	1.8	7.0	25	924.6	240	18	0	5	9
10	11.1	7.6	3.2	7.7	58	928.4	–	0	3	2	[illegible]	12.0	1.6	6.8	27	929.6	250	10	3	5	10
11	14.1	9.5	4.1	8.2	51	927.0	120	6	7	[illegible]	[illegible]	12.9	0.7	6.4	[illegible]	927.0	[illegible]	[illegible]	7	[illegible]	11
12	12.1	8.5	4.2	8.3	59	928.2	–	0	[illegible]	[illegible]	21.0	12.0	1.5	6.8	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12
13	13.9	9.0	3.0	7.6	48	928.6	–	0	3	1	25.6	15.9	7.4	10.3	31	928.5	110	6	8	[illegible]	13
14	22.1	14.6	7.8	10.6	40	927.3	–	0	7	7	27.0	15.2	2.1	7.1	19	929.0	240	15	0	5	14
15	11.5	6.7	-0.3	6.0	44	930.1	130	6	3	7	25.0	12.0	-6.3	3.6	14	929.6	270	12	1	10	15
16	16.6	8.6	-3.0	4.8	25	928.7	–	0	5	12	29.0	15.1	0.0	6.1	15	928.0	330	22	6	7	16
17	19.5	14.2	9.6	11.9	52	927.4	070	20	8	7	27.2	16.0	5.8	9.2	25	923.8	090	20	6	12	17
18	16.5	11.5	6.3	9.6	51	927.9	–	0	X	0.1	24.0	13.7	2.8	7.5	25	927.4	270	4	X	0.1	18
19	13.5	8.5	2.1	7.1	46	928.3	–	0	8	0.8	22.7	11.0	-5.3	3.8	14	927.9	150	4	8	1	19
20	11.0	6.5	0.0	6.1	46	927.4	–	0	1	8	25.0	11.5	-9.4	2.8	9	927.0	–	0	0	5	20
21	18.1	8.5	-6.9	3.4	16	925.0	120	10	0	7	29.5	14.5	-3.7	4.5	11	924.5	150	13	8	3	21
22	22.5	15.5	9.6	12.0	44	924.3	–	0	7	6	22.8	13.3	3.1	7.6	27	927.8	290	14	3	2	22
23	10.6	7.0	2.2	7.2	56	933.1	–	0	0	20	22.0	10.3	-7.9	3.1	12	934.4	260	9	1	20	23
24	8.6	4.4	-2.6	5.0	45	935.5	–	0	0	20	23.9	11.4	-6.7	3.5	12	935.5	300	7	0	20	24
25	11.8	6.0	-3.2	4.7	34	933.8	–	0	7	15	26.8	11.0	-25.6	0.6	2	933.6	240	14	0	25	25
26	8.6	3.9	-4.3	4.3	39	932.6	–	0	0	20	26.5	12.4	-7.9	3.1	9	932.7	340	10	0	25	26
27	11.0	5.5	-3.3	4.6	35	930.8	–	0	0	20	27.3	12.6	-8.9	2.9	8	930.9	300	8	0	20	27
28	10.5	5.5	-2.3	5.0	40	931.6	–	0	1	18	28.5	16.3	5.1	8.8	23	931.3	–	0	7	20	28
29	18.8	10.3	-0.7	5.8	27	930.0	120	2	6	20	31.0	13.6	-17.8	1.6	4	929.6	–	0	4	25	29
30	17.4	9.5	-1.2	5.5	28	931.3	–	0	6	1	29.1	14.2	-4.3	4.3	11	930.9	300	3	7	6	30
31																					31
Av.	13.7	8.9	2.7	7.7	49	929.3	–	2	4	11	25.7	13.6	-1.4	6.1	19	929.7	–	10	4	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)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : April Year : 1964

Station : Gach Saran

Ground Level : 799 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
22.5	12.5	1.0	6.5	24	928.1	270	12	0	20		26.4	8.6	8.2	58.0			0	Haze	1
23.6	13.9	4.0	8.1	28	930.3	270	7	3	20		27.2	7.9	7.5	59.5			0	Fair	2
23.5	13.5	2.8	7.5	26	930.4	270	7	8	20		27.1	9.8	9.5	60.0				Cloudy	3
24.3	14.1	3.6	7.9	26	928.3	250	10	3	20		27.8	14.2	13.4	59.5			0	"	4
22.9	14.6	7.0	10.0	36	927.3	270	7	0	20		27.9	9.4	8.4	59.8			0	Fair	5
26.6	16.5	8.0	10.7	31	929.6	230	6	8	20		29.4	10.6	9.8	65.2			0	P.Cloudy	6
27.0	15.4	4.1	8.2	23	927.2	270	7	5	8		30.0	13.4	12.6	62.2			0	Haze	7
24.0	13.3	1.3	6.7	23	922.9	300	10	0	1		28.7	16.5	15.2	62.0			0	Dust	8
19.3	11.3	1.8	7.0	31	923.7	250	12	0	2		[illegible]	12.0	10.9	59.5			0	Haze	9
18.9	11.8	4.1	8.2	38	928.9	270	7	0	4		[illegible]	9.0	9.0	62.0			0	"	10
18.4	12.0	5.3	9.0	42	927.1	270	10	X	1		24.7	12.3	12.2	59.5			[illegible]	Dust	11
19.5	11.5	2.2	7.2	32	928.4	270	10	X	0.9		22.8	11.5	11.8	55.0			0	"	12
25.8	16.1	7.7	10.5	32	927.8	170	6	8	7		28.0	13.0	13.0	58.6			0	"	13
22.5	11.4	-3.4	4.6	17	929.1	270	15	0	3		29.0	20.5	19.8	62.5			0	Haze	14
22.8	10.6	-8.3	3.0	11	927.7	270	10	2	15		27.1	10.0	9.6	60.4			0	"	15
26.0	14.5	2.4	7.3	22	926.1	100	8	8	10		30.0	14.2	13.9	67.0			0	"	16
25.4	14.0	1.6	6.9	21	924.0	200	14	8	4		29.6	18.2	14.9	64.2			Tr.	Rain	17
21.9	11.4	-2.2	5.1	19	926.7	290	8	X	0.3		26.1	16.2	16.4	53.7			[illegible]	Dust	18
21.7	10.5	-6.0	3.7	14	926.4	280	8	0	6		24.7	11.1	11.1	53.4			0	"	19
24.8	11.9	-6.3	3.6	11	925.1	260	8	0	5		28.7	9.1	9.3	61.7			0	Haze	20
27.0	15.3	3.7	8.0	22	923.1	180	12	7	5		30.7	15.4	15.3	59.5			Tr.	Dust	21
20.9	10.8	-2.8	4.9	20	927.9	270	10	0	6		27.0	18.5	19.3	57.2			0	"	22
20.4	8.9	-12.2	2.2	9	933.5	270	12	0	20		24.4	9.1	9.0	58.5			0	Clear	23
23.2	10.3	-12.0	2.2	7	933.6	280	9	0	20		26.6	6.5	6.8	60.8			0	"	24
25.0	11.1	-12.3	2.1	7	931.6	280	17	0	25		29.2	10.8	10.4	62.0			0	Fair	25
25.7	11.6	-11.1	2.4	8	930.4	270	10	0	30		29.0	6.3	6.4	62.0			0	Clear	26
24.4	12.3	-3.2	4.7	15	930.4	260	15	0	15		28.9	9.2	8.7	61.9			0	"	27
25.9	13.9	0.4	6.3	19	930.0	-	0	8	20		30.3	9.8	9.3	64.5			0	Cloudy	28
25.9	12.1	-8.2	3.1	9	929.3	270	10	7	12		32.7	15.1	13.1	65.4			0	P.Cloudy	29
27.4	13.4	-4.6	4.2	11	929.2	270	10	6	6		30.7	15.2	14.5	63.5			0	Dust	30
																			31
23.6	12.7	-1.1	6.1	26	928.1	-	10	4	12		27.7	12.1	11.6						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

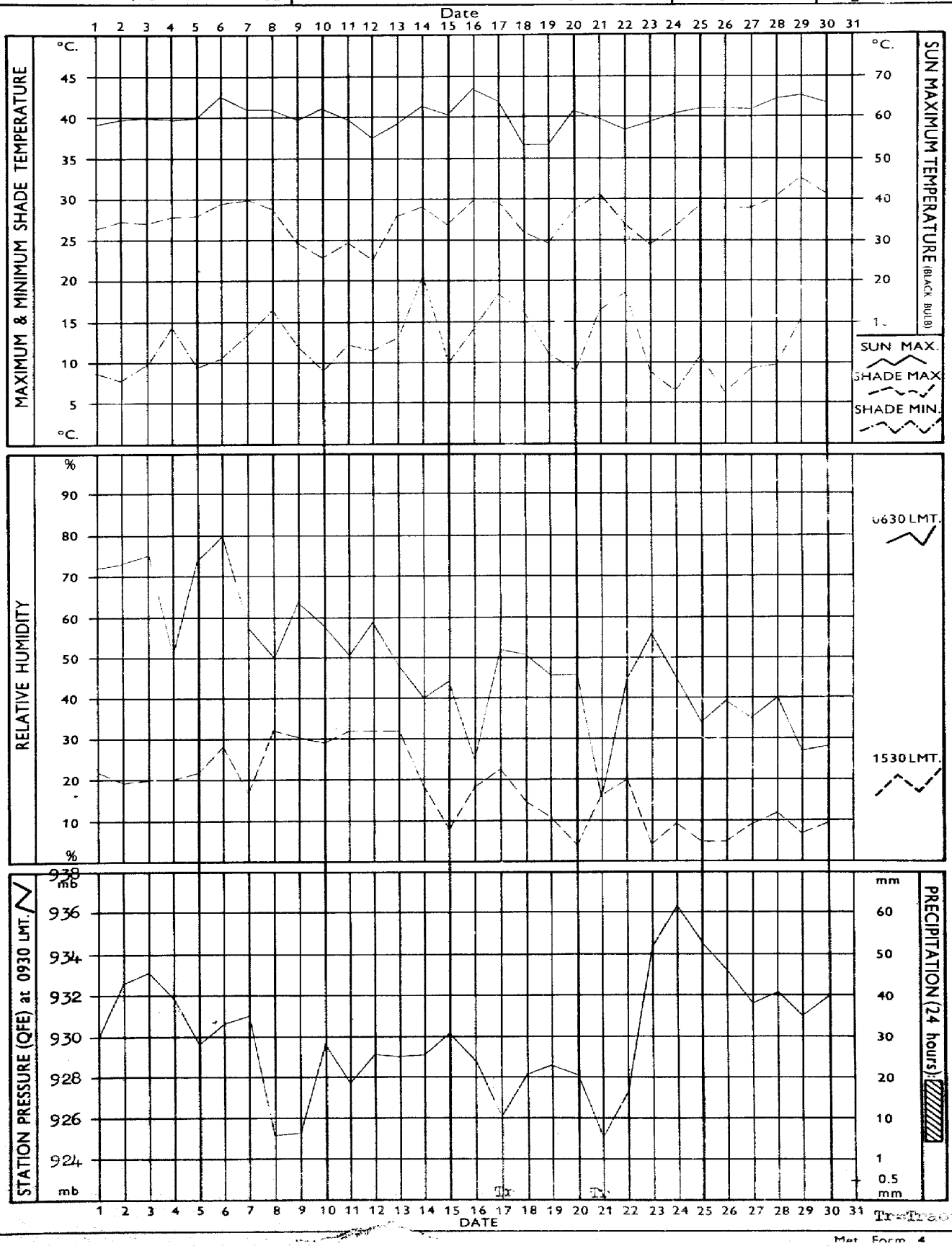
Rainsh : Rain falling as showers

Hail : Solid precipitation

Th.storm: Thunderstorm at or near the station

Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : April	Year : 1962
		Station: Gach Saran	
Ground Level : 709 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°20' N.	Long : 50°50' E.



Tr=Trace

Met. Form 4

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : April 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	15.7	11.7	7.8	10.6	59	1009.1	-	0	2	25	28.2	16.7	6.7	9.9	25	1009.4	260	12	0	30	1
2	14.7*		5.7*	9.2*	55*	1009.6*					29.9*		5.0*	8.8*	21*	1011.2*					2
3	17.1*		7.0*	10.0*	51*	1009.7*					31.7*		2.8*	7.5*	16*	1009.3*					3
4	16.7	10.8	4.2	8.3	43	1008.3	140	12	3	12	33.2	18.4	5.8	9.3	18	1007.1	120	30	0	0.6	4
5	18.2	15.6	13.6	15.8	75	1006.6	140	15	3	15	29.8	19.0	11.3	13.5	32	1007.1	220	3	0	25	5
6	16.7	15.0	13.6	15.7	83	1007.3	120	11	0	15	31.3	17.2	4.3	8.4	18	1007.7	140	20	6	8	6
7	21.2	14.7	9.1	11.6	45	1008.1	150	4	8	10	29.2		6.0	9.4	23	1009.3	060	12	8	25	7
8	20.0	15.3	11.7	13.6	58	1003.2	290	10	8	12	29.5	15.5	0.7	6.6	16	1003.9	300	22	8	1.5	8
9	15.3	10.3	4.6	8.8	50	1001.4	120	8	0	6	27.6	14.2	-1.3	5.5	15	1001.1	180	25	0	0.1	9
10						1008.2*										1008.8*					10
11	17.9	13.6	10.0	12.3	59	1003.3	110	14	8	7	19.6	11.4	1.7	6.9	31	1006.6	250	18	X	0.1	11
12	11.7	9.0	5.8	9.2	69	1009.1	-	0	3	5	23.3	14.3	5.6	9.1	32	1009.6	-	0	6	5	12
13	16.8	10.3	2.6	7.4	38	1007.3	040	4	8	6	27.4	14.8	1.4	6.8	19	1003.4	150	34	X	0.1	13
14	20.4	14.8	10.1	12.4	53	1005.9	290	12	X	1	26.7	14.7	2.2	7.2	20	1010.5	300	18	0	2	14
15	15.5	11.2	6.7	9.9	56	1011.4	300	2	4	20	25.7	13.8	0.3	6.3	19	1010.8	300	4	0	35	15
16	19.2	12.3	5.0	8.9	40	1008.0	-	0	6	20	30.2	14.8	-3.6	4.6	10	1006.3	020	12	8	15	16
17	21.2*		7.1*	10.1*	40*	1009.3*					29.1*		10.8*	12.9*	32*	997.5*					17
18	16.3	12.3	8.6	10.9	60	1009.6	-	0	X	0.5	24.1	15.1	7.0	10.0	33	1008.9	350	12	X	0.5	18
19	17.0	12.5	8.2	10.7	56	1008.3	-	0	0	6	27.6	15.3	2.9	7.6	21	1008.0	320	10	1	8	19
20	15.8	9.7	1.7	6.9	39	1006.5	270	8	3	10	30.0	15.8	1.1	6.7	15	1006.2	-	0	0	10	20
21	20.2	11.6	1.4	6.8	28	999.1	080	8	0	10	30.9	18.0	7.4	10.4	23	998.9	150	45	X	5	21
22	17.8	13.1	8.7	11.3	56	1004.9	300	5	X	2	24.4	14.4	4.4	8.5	28	1008.5	290	17	1	3	22
23	14.4*		6.0*	9.4*	57*	1013.7*					25.3*		-1.4*	5.5*	17*	1015.7*					23
24	14.8*		3.3*	7.8*	46*	1016.9*					27.8*		-4.2*	4.4*	12*	1017.1*					24
25	14.2	11.0	7.8	10.6	64	1015.0	-	0	1	30	29.0	14.4	-3.1	4.8	12	1014.1	300	10	0	40	25
26	14.2	11.0	7.8	10.6	65	1011.9	320	8	0	30	31.2	15.8	-1.1	5.6	12	1011.8	310	8	6	40	26
27	14.5	11.2	8.0	10.6	64	1009.5	-	0	0	30	31.3	15.8	-1.8	5.1	12	1009.9	280	10	0	40	27
28	15.0	9.2	1.7	7.0	41	1009.8	140	5	6	35	32.7	17.2	2.3	7.3	14	1010.4	-	0	8	40	28
29	19.2	12.3	5.0	8.8	38	1006.6	120	8	8	25	32.3	18.3	6.7	9.9	20	1006.9	260	14	2	2	29
30	18.7	13.3	8.3	11.0	51	1010.1	-	0	2	4	31.7	16.4	0.6	6.4	14	1010.1	-	0	7	8	30
31																					31
Av.	16.9	12.2	6.9	10.2	53	1008.3	-	5	4	14	28.7	15.0	2.8	7.8	20	1008.2	-	14	4	14	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 : April Year : 1964

Station : Ahwaz

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

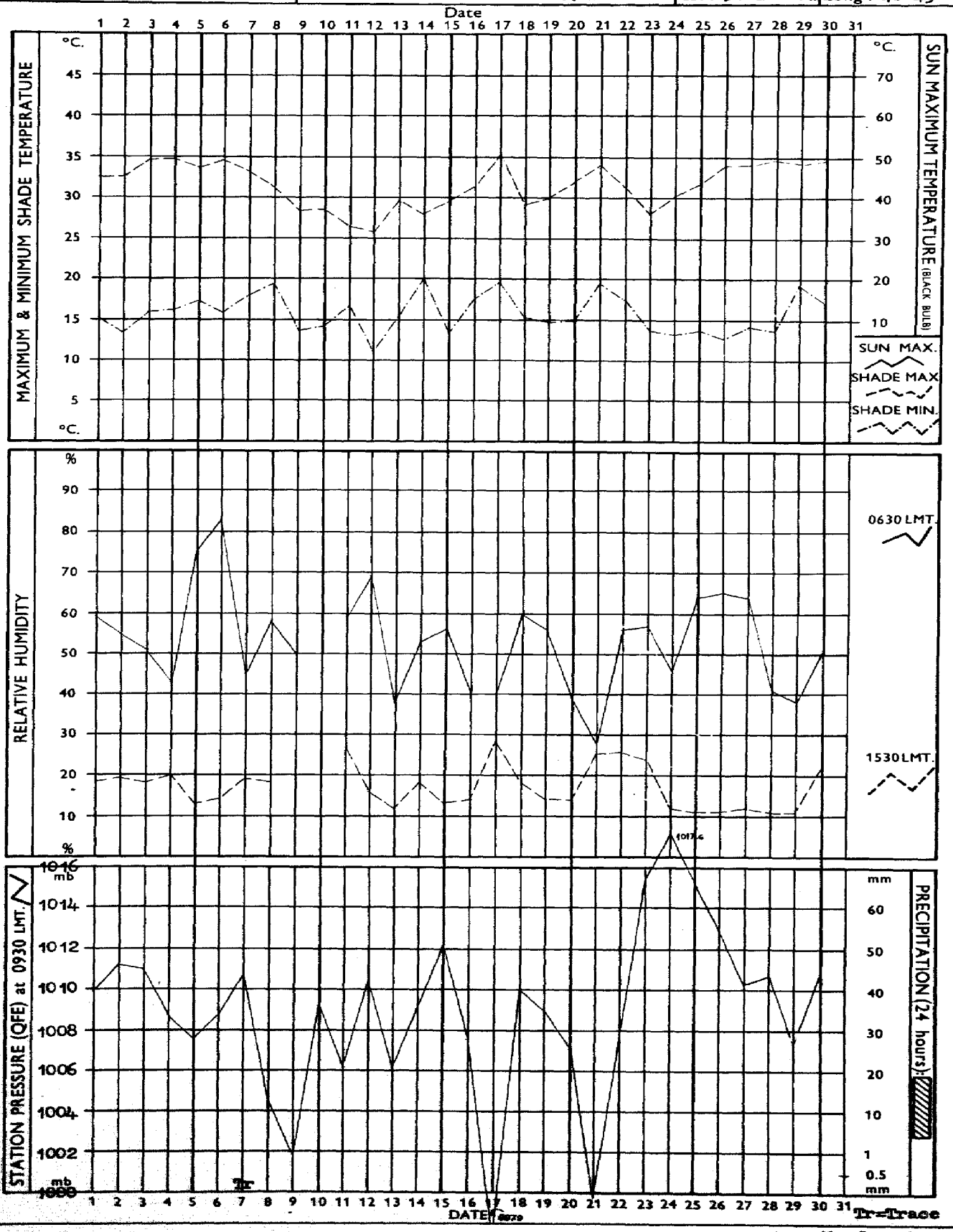
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
29.8	16.5	3.9	8.1	19	1006.6	300	8	0	25		32.5	15.2	13.7				0	Clear	1
30.3	16.8	4.3	8.4	19	1007.9	190	4	3	30		32.6	13.4	12.6				0	P.Cloudy	2
27.7	15.8	4.6	8.5	23	1007.2	150	16	4	16		34.5	16.1	15.7				0	Haze	3
28.4	18.0	10.1	12.4	32	1005.3	180	18	0	4		34.8	16.2	15.7				0	Sandst.	4
30.8	18.2	8.2	10.9	24	1005.1	–	0	0	20		33.8	17.3	16.7				0	Haze	5
30.4	16.3	2.3	7.3	16	1006.5	160	15	8	10		34.5	16.0	15.5				0	"	6
31.0	18.7	9.4	11.8	26	1004.6	140	10	6	20		33.3	18.0	20.3				Tr.	Rain	7
25.8	15.1	4.7	8.6	26	1002.1	300	15	4	2.5		31.4	19.4	18.8				0	Sandst.	8
23.0	13.8	4.4	8.3	31	1002.8	300	18	0	3		28.5	13.7	12.8				0	"	9
26.0	13.3	-2.2	5.1	15	1006.2	280	6	0	12		28.5	14.3	13.4				0	Haze	10
20.4	12.4	3.9	8.1	35	1007.7	310	10	0	1		26.4	16.8	16.3				0	Sandst.	11
23.7	12.4	-2.1	5.6	18	1009.1	320	4	8	12		25.8	11.2	9.8				0	Haze	12
25.5	15.0	4.7	8.6	26	1002.1	150	24	X	1		29.7	15.6	15.7				0	Sandst.	13
22.9	12.5	0.6	6.3	23	1010.6	300	18	0	20		28.0	20.0	19.8				0	"	14
26.2	13.6	-2.1	5.4	16	1008.4	300	10	2	30		29.4	13.5	13.8				0	P.Cloudy	15
29.3	17.2	7.0	10.0	24	1003.8	–	0	7	20		31.4	17.6	18.2				0	Cloudy	16
27.6	16.4	6.5	9.6	26	1000.2	270	30	X	0.1		35.3	19.7	17.7				Tr.	Rain	17
25.5	14.0	1.4	6.8	21	1006.4	300	12	2	3		29.0	15.2	16.3				0	Dust	18
27.2	14.1	-1.1	5.7	15	1006.2	300	12	0	10		30.0	14.9	13.2				0	Haze	19
30.5	15.8	0.0	6.2	14	1002.1	070	5	3	15		32.0	15.0	13.8				0	"	20
30.7	14.3	-9.4	3.2	8	997.4	300	6	0	5		34.0	19.6	19.2				0	Sandst.	21
24.5	14.0	2.8	7.6	24	1008.2	300	14	0	20		31.4	17.6	17.0				0	Haze	22
25.5	12.7	-3.9	4.5	14	1014.5	300	13	0	15		28.0	13.7	12.7				0	Clear	23
28.4	14.7	-1.5	5.4	14	1013.9	300	14	0	30		30.2	13.3	12.2				0	"	24
28.3	14.8	-0.1	6.1	15	1011.5	300	15	0	30		31.8	13.7	13.2				0	"	25
31.0	15.4	-2.4	5.0	11	1009.2	300	10	2	30		34.0	12.7	11.2				0	P.cloudy	26
32.0	16.6	1.2	6.8	14	1008.2	220	7	0	40		34.1	14.2	13.6				0	Clear	27
31.7	16.2	0.0	6.1	13	1006.5	160	18	8	30		34.8	13.8	13.7				0	Cloudy	28
29.4	15.7	1.6	6.9	17	1007.2	280	18	8	4		34.3	19.3	14.0				0	Sandst.	29
26.5	15.5	5.1	8.9	26	1009.2	020	22	6	1.5		34.7	17.2	16.0				0	Haze	30
																			31
28.0	15.2	2.2	7.3	20	1006.6	–	12	3	15		31.6	15.6	15.1						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 : April	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 : April Year : 1964

Station : Abadan

Ground Level : AMSL | Local Time : GMT + 3½ hrs. | Lat : 30°22' N. | Long : 48°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	15.2	12.2	9.4	11.8	68	1010.8	–	0	0	15	30.4	17.8	7.4	10.3	24	1011.8	–	0	0	15	1
2	13.9*		7.8*	10.6*	71*	1011.6*					31.6*		5.1*	8.8*	19*	1013.2*					2
3	18.8*		11.3*	13.4*	62*	1010.7*					31.1*		8.1*	10.8*	24*	1011.5*					3
4	20.4	17.0	14.6	16.7	70	1009.6	160	8	5	12	33.8	20.0	10.2	12.5	24	1009.2	190	16	2	20	4
5	13.6	11.4	9.2	11.7	75	1008.8	–	0	5	20	31.4	17.1	3.7	8.0	18	1009.3	–	0	0	20	5
6	16.2	14.0	12.1	14.3	77	1009.6	–	0	2	20	34.0	18.4	5.0	8.7	17	1009.0	150	18	7	+	6
7	21.0	18.0	16.1	18.2	74	1008.9	140	7	7	20	29.4	21.5	17.1	19.4	47	1010.8	090	6	8	20	7
8	20.2	17.6	15.9	18.1	77	1005.9	190	6	8	10	28.6	16.8	6.4	9.7	25	1007.4	330	18	8	2	8
9	16.0	12.2	8.5	11.1	62	1004.2	150	8	0	3	24.0	14.8	5.1	8.8	28	1005.4	290	18	0	1.5	9
10	16.9*		8.7*	11.3*	59*	1010.0*	200	5	8	1.5	27.9*		2.8*	7.5*	20*	1011.7*			6		10
11	19.8	15.2	11.5	13.6	60	1006.6	180	12	5	5	20.0	11.8	2.3	7.3	31	1009.8	290	12	X	0.2	11
12	11.0	9.2	7.3	10.3	78	1011.9	–	0	5	2	25.6	15.3	5.7	9.2	28	1012.5	–	0	6	4	12
13	17.0	13.8	11.1	13.2	68	1009.6	–	0	7	7	29.4	16.0	2.8	7.4	18	1007.9	170	20	X	1	13
14	19.4	13.5	8.1	10.7	48	1009.1	320	8	0	0.5	27.1	14.6	1.2	6.7	19	1013.1	330	18	X	1	14
15	15.8	12.3	9.0	11.5	64	1013.2	–	0	7	10	27.8	14.0	-2.5	5.0	13	1013.5	320	18	3	3	15
16	19.4	12.2	4.6	8.4	37	1010.0	300	6	5	10	29.4	15.6	1.2	6.7	16	1009.0	080	5	8	20	16
17	25.2*					999.8*										999.8*					17
18	14.0	10.4	6.6	9.7	61	1011.1	–	0	0	4	25.6	15.2	5.4	9.0	27	1011.9	330	10	0	3	18
19	14.4	10.0	5.0	8.8	54	1010.6	–	0	6	6	28.6	16.4	5.2	8.9	23	1010.6	290	5	0	8	19
20	15.6	12.0	8.6	11.2	63	1008.2	–	0	6	8	30.5	14.6	-5.4	3.9	9	1008.5	160	8	4	8	20
21	23.4	15.6	8.9	11.5	40	1000.6	140	15	0	4	30.6	19.0	10.3	12.6	29	1000.6	180	18	X	0.7	21
22	19.0	13.4	8.3	11.0	50	1007.8	300	15	0	2	23.8	14.3	4.9	8.7	30	1012.3	300	12	0	2	22
23	14.3*		4.8*	8.7*	53*	1016.3*					26.5*		-2.1*	5.2*	15*	1018.5*	290	15	0	30	23
24	16.0*		5.6*	9.1*	50*	1019.3*	270	8	0	30	27.4*		-0.7*	5.8*	16*	1020.0*	300	6	0	30	24
25	17.2	12.3	7.6	10.4	53	1016.9	320	6	1	20	30.4	15.8	0.6	6.3	14	1017.3	300	14	0	30	25
26	17.4	12.6	8.1	10.8	54	1014.9	300	5	0	20	30.8	16.2	1.1	6.8	15	1015.0	300	8	1	40	26
27	14.8	12.7	10.9	13.0	77	1012.8	–	0	0	12	32.2	15.8	-2.7	4.9	11	1012.8	300	12	0	50	27
28	15.4	11.3	7.1	10.0	57	1011.7	–	0	8	20	31.4	15.6	-2.2	5.1	11	1012.6	120	8	8	20	28
29	20.5	14.5	9.3	11.7	50	1008.7	150	8	8	20	32.0	16.2	-0.6	5.9	13	1010.6	300	25	6	3	29
30	17.8	13.6	9.9	12.2	60	1012.6	–	0	7	6	32.0	17.8	5.6	9.1	19	1012.7	–	0	2	15	30
31																					31
Av.	17.3	13.2	9.2	11.8	61	1010.1	–	4	4	12	29.0	15.0	3.5	8.3	21	1010.9	–	11	4	14	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 : April Year : 1963
Station : Abadan

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

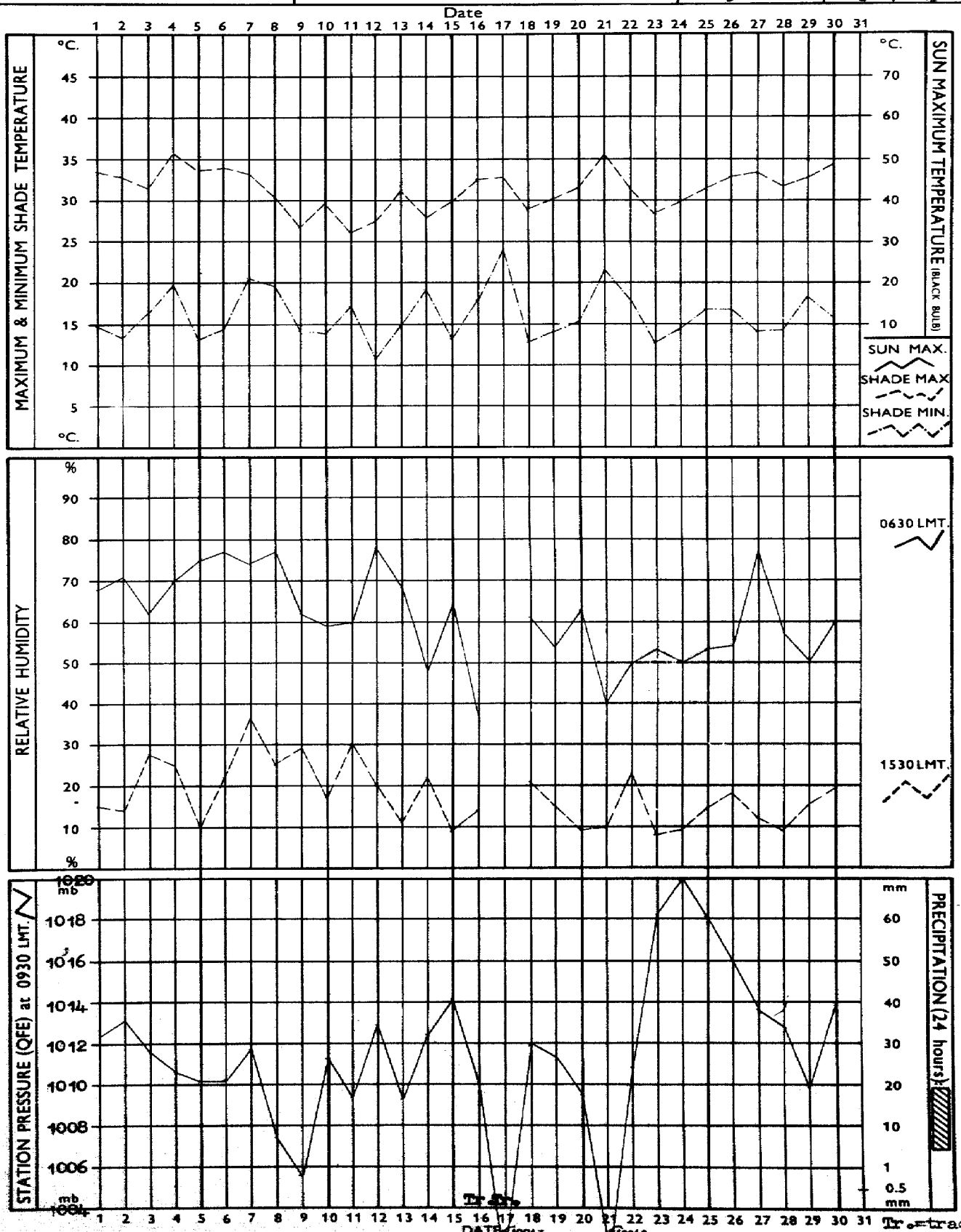
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
28.0	16.0	4.8	8.6	23	1009.4	200	10	0	20		33.3	14.8					0	Clear	1
26.0	17.0	9.9	12.2	36	1010.3	130	12	6	25		32.8	13.3					0	Cloudy	2
24.4	17.6	12.7	14.7	48	1009.0	160	15	8	20		31.6	16.3					0	O-cast	3
27.4		10.0	12.4	34	1007.6	190	15	0	20		35.6	19.6					0	Fair	4
30.2	16.2	2.3	7.2	17	1007.7	–	0	0	25		33.5	13.0	-				0	[illegible]	5
26.6	17.4	10.3	12.4	36	1008.8	150	8	8	15		34.0	14.3					0	Sandst.	6
27.4	18.9	13.0	15.0	41	1007.2	140	8	8	10		33.2	20.5	19.6				0	Haze	7
26.0	16.0	7.2	10.2	30	1005.4	330	10	8	3		30.3	19.6	19.2				0	Sandst.	8
23.1	14.4	6.2	9.5	34	1005.3	280	14	0	2		26.7	14.2	12.8				0	"	9
26.0	15.5	5.8	9.3	28	1009.0	140	6	8	5		29.6	13.8	12.8				0	Haze	10
21.3	13.0	4.4	8.4	33	1010.0	300	10	X	1.5		26.0	17.2	16.1				0	Dust	11
25.0	13.6	0.6	6.4	20	1011.0	340	4	8	12		27.4	10.4	10.0				0	Haze	12
24.4	16.8	10.9	13.0	43	1004.3	170	20	X	1		31.1	14.9	13.2				0	Sandst.	13
23.4	13.2	2.0	7.0	24	1013.7	290	14	0	7		27.9	19.0	19.0				0	"	14
26.6	13.6	-2.0	5.2	15	1011.1	300	12	3	10		29.8	13.2	11.9				0	Haze	15
30.0	16.2	2.5	7.4	17	1006.1	030	7	8	15		32.5	17.8	17.0				Tr.	Rainsh.	16
27.7	15.6	3.9	8.0	22	1004.2	250	20	X	0.0		32.8	23.8	23.3				Tr.	"	17
26.2	14.0	0.2	6.2	18	1009.2	290	10	1	4		28.8	12.7	11.2				0	Dust	18
27.4	14.0	-1.6	5.2	14	1008.6	300	12	0	8		30.2	14.2	12.7				0	Haze	19
27.2	13.6	-3.3	4.7	14	1004.6	150	10	0	8		31.6	15.2	12.5				0	"	20
31.4	18.0	6.9	10.0	22	999.6	–	0	0	5		35.5	21.5	20.8				0	Sandst.	21
24.0	13.8	3.2	7.7	26	1011.3	300	8	0	15		31.4	17.8	18.0				0	Haze	22
25.0	14.0	2.2	7.2	23	1017.2	300	10	0	30		28.3	12.6	9.8				0	Clear	23
27.0	14.2	-0.4	5.9	17	1016.0	300	12	3	30		29.8	14.4	11.3				0	Fair	24
27.6	15.6	3.6	7.9	21	1015.3	270	15	0	40		31.4	16.7	14.6				0	Clear	25
29.2	15.0	-0.9	5.6	14	1013.2	300	10	3	40		32.8	16.8	13.3				0	Fair	26
30.5	15.6	-0.6	5.8	13	1011.3	300	10	0	40		33.3	14.0	11.0				0	Clear	27
28.8	14.6	-1.7	5.3	13	1009.2	180	12	8	20		32.3	14.2	11.5				0	O-cast	28
29.3	15.8	2.1	7.1	17	1010.0	300	8	8	7		32.8	18.2					0	Sandst.	29
31.0	18.2	8.8	10.8	24	1009.9	–	0	8	15		34.3	15.7					0	[illegible]	30
																			31
26.9	14.9	4.1	8.5	24	1009.2	–	10	4	15		31.4	16.0	14.6						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 : April	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 : April 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	16.0	12.0	7.5	10.4	55	1011.0	080	4	0	25	26.7	17.7	10.9	13.0	37	1011.5	190	5	0	20	1
2	18.0	14.2	11.1	13.2	64	1012.3	140	6	0	20	30.1*		12.5*	14.5*	35*	1013.1*	190*	7*			2
3	19.5	14.8	11.0	13.1	58	1011.2	130	11	7	20	29.4	17.0	6.1	9.4	23	1012.0	180	14	7	20	3
4	19.0	16.6	14.9	17.0	78	1010.7	120	12	5	20	29.0	19.5	13.1	15.1	38	1010.7	170	14	4	20	4
5	18.8	18.0	17.5	20.0	92	1009.1	130	9	3	20	27.3	20.0	15.4	17.5	48	1009.5	180	8	0	20	5
6	16.7	16.4	16.2	18.4	97	1009.4	140	6	0	0.4	30.0	17.4	6.7	9.8	23	1010.3	180	13	5	20	6
7	20.7	17.7	15.8	17.9	74	1008.9	140	14	5	15	28.0	19.5	13.9	15.8	42	1011.4	170	3	6	15	7
8	20.7	17.7	15.5	17.6	72	1005.1	–	0	0	15	28.7	15.4	1.6	6.9	18	1005.9	360	20	X	1.6	8
9	17.8	14.3	11.5	13.5	66	1004.2	040	5	0	4	24.3	18.2	14.0	16.0	53	1005.0	210	24	0	3	9
10	17.7	14.5	12.0	14.0	69	1009.4	160	6	6	2	24.3	18.2	14.0	16.0	53	1011.5	200	14	5	3	10
11	19.5	18.1	17.2	19.6	87	1006.1	180	7	6	3	22.5*					1008.9*	310*	19*			11
12	13.8	10.0	5.8	9.2	58	1011.2	330	4	0	2	22.9	14.6	7.0	10.0	36	1011.8	290	6	7	4	12
13	17.8	12.4	7.2	10.2	50	1009.4	–	0	7	8	26.8	17.2	9.6	12.0	34	1008.1	170	10	8	3	13
14	20.8	16.0	13.3	15.4	63	1007.3	340	6	0	2	27.2	15.6	5.0	8.8	29	1011.7	330	18	X	1.6	14
15	15.3	12.2	9.2	11.9	69	1012.3	020	7	6	15	26.5	14.5	1.7	7.0	20	1012.3	330	12	2	25	15
16	19.0	12.5	5.9	9.3	42	1009.4	020	5	5	20	27.2	17.5	10.0	12.3	34	1008.0	270	5	7	20	16
17	24.2	18.6	14.9	17.0	60	1001.2	140	44	5	15	30.7	20.0	12.8	14.8	33	1000.7	180	25	3	3	17
18	15.8	11.8	7.8	10.6	59	1010.8	360	7	0	0.7	26.0	16.1	7.5	10.4	31	1010.4	310	15	0	4	18
19	17.7	14.5	12.0	14.0	69	1009.8	–	0	0	3	27.7	17.8	10.2	12.5	34	1010.2	290	8	0	5	19
20	19.0	13.7	8.9	11.4	52	1007.7	–	0	7	8	28.4	16.0	6.0	9.4	24	1008.3	210	4	0	8	20
21	22.0	17.3	14.0	16.0	60	1001.2	150	13	0	10	27.0	21.0	17.6	20.1	56	1002.3	160	16	7	5	21
22	18.2	13.8	10.0	12.3	58	1006.4	350	7	0	1	25.0	15.2	6.1	9.5	29	1010.6	310	18	0	3	22
23	15.6	11.5	7.4	10.4	58	1015.8	–	0	0	15	27.0	14.3	0.1	6.2	17	1017.3	310	7	0	25	23
24	13.8	10.5	7.1	10.1	60	1018.4	330	8	0	20	28.0	14.0	−2.9	5.0	14	1018.4	340	10	0	25	24
25	16.0	11.5	7.0	10.0	55	1016.3	340	6	2	20	29.5	15.2	−0.4	6.0	15	1016.3	340	12	0	25	25
26	16.2	12.2	8.4	11.0	60	1014.2	340	5	0	20	30.3	17.3	6.0	9.4	21	1014.4	230	8	0	25	26
27	18.2	13.8	10.0	12.3	58	1011.9	340	3	0	25	30.3	17.3	6.0	9.4	21	1012.2	210	5	0	25	27
28	17.2	14.3	12.1	14.0	72	1011.6	050	4	5	25	28.0	18.0	10.4	12.6	33	1012.6	200	3	8	25	28
29	20.0	17.2	15.3	17.5	75	1010.5	–	0	5	20	28.4	19.0	12.5	14.5	36	1010.9	200	8	3	4	29
30	18.2	13.8	10.0	12.3	58	1012.1	340	7	7	10	28.5	18.8	11.9	13.9	36	1012.2	240	8	3	10	30
31																					31
Av.	18.1	14.4	11.2	13.7	65	1009.8	–	6	3	13	27.5	16.1	8.2	11.3	31	1010.6	–	11	3	13	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: April 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		
25.0	18.0	12.7	14.7	46	1009.0	180	12	0	25		29.2	15.5	14.2		210	18	0	Clear	1
25.8	19.3	15.1	17.2	52	1010.6	180	6	6	20		30.6	17.2	15.7		190	11	0	P.Cloudy	2
24.6	17.5	12.3	14.3	46	1009.7	180	14	6	20		29.4	17.9	16.6		150	28	0	Cloudy	3
24.4	18.7	15.3	17.4	57	1007.9	170	13	0	20		29.3	18.7	17.9		160	22	0	P.cloudy	4
25.2	20.0	16.8	19.2	60	1007.6	190	5	0	20		29.4	18.5	17.6		150	17	0	Fair	5
27.0	17.7	10.8	13.0	35	1008.7	180	10	7	20		31.0	16.4	15.8		150	20	0	Fog	6
25.2	20.0	16.8	19.2	60	1007.4	180	10	5	20		31.5	17.8	16.9		140	22	0	Cloudy	7
27.0	16.0	6.1	9.4	26	1004.5	330	14	X	1.8		30.2	20.5	19.6		310	33	0	Haze	8
23.1	14.1	5.2	8.9	31	1005.0	320	22	X	0.8		29.0	16.5	16.1		290	30	0	Sandst.	9
22.5	18.2	15.6	17.7	65	1008.8	160	14	X	1		25.7	17.3	16.2		190	18	0	"	10
20.8	13.8	7.0	10.1	41	1009.9	340	8	X	0.8		23.2	18.7	17.2		310	24	0	"	11
22.8	16.0	10.6	12.8	47	1011.7	290	3	7	7		25.8	13.6	12.8		270	14	0	Haze	12
22.2	17.0	13.2	15.2	57	1004.9	160	15	8	4		27.4	17.2	16.2		150	34	0	"	13
24.0	14.4	6.1	9.5	34	1012.1	310	13	0	4		27.8	20.1	18.8		150	29	0	Sandst.	14
26.3	16.2	7.4	10.3	30	1009.5	340	8	3	20		29.1	14.3	13.2		330	21	0	P.Cloudy	15
28.0	17.0	7.8	10.6	28	1005.6	–	0	5	20		30.4	18.6	17.1		360	16	Tr.	Rain	16
25.8	16.5	8.8	11.5	34	1003.1	320	17	X	0.3		31.3	21.5	20.6		100	33	0	Sandst.	17
26.0	16.1	7.5	10.4	31	1008.4	320	6	7	10		27.2	15.0	15.1		310	24	0	Dust	18
25.2	16.8	10.2	12.4	39	1008.1	200	8	0	5		30.0	15.6	13.4		310	20	0	Haze	19
25.8	19.3	15.1	17.2	52	1004.3	330	3	0	10		31.3	18.0	16.1		120	13	0	"	20
24.5	21.3	19.6	22.9	75	1000.0	170	10	0	3		30.3	21.0	19.7		150	30	0	Sandst.	21
25.0	15.2	6.1	9.5	29	1010.2	320	8	0	15		26.2	18.1	16.7		310	36	0	Dust	22
25.9*		2.3*	7.3*	22*	1016.1*	310*	15*				28.2	14.8	12.2		290	23	0	Clear	23
27.5	15.5	3.8	8.0	22	1015.6	310	6	1	20		30.2	13.3	11.8		290	21	0	"	24
28.4	16.0	4.2	8.3	21	1013.6	340	7	0	10		31.7	15.8	14.2		290	26	0	Haze	25
27.7	17.8	10.2	12.5	34	1011.4	200	10	3	25		33.0	14.8	12.0		300	15	0	Fair	26
26.5	18.2	12.2	14.3	41	1010.6	190	8	0	25		32.9	16.7	13.2		190	15	0	Clear	27
25.3	18.6	14.1	16.1	50	1009.3	210	5	8	25		29.3	17.0	14.4		210	13	0	Cloudy	28
27.0	17.7	10.8	13.0	35	1010.4	310	10	0	1.5		33.0	19.4	16.9		290	20	0	Haze	29
30.0	19.7	12.8	14.8	35	1009.8	360	12	X	0.7		31.7	18.0	16.5		360	27	0	Sandst.	30
																			31
25.5	16.8	10.6	13.3	41	1008.8	–	10	4	12		29.5	17.3	15.8						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

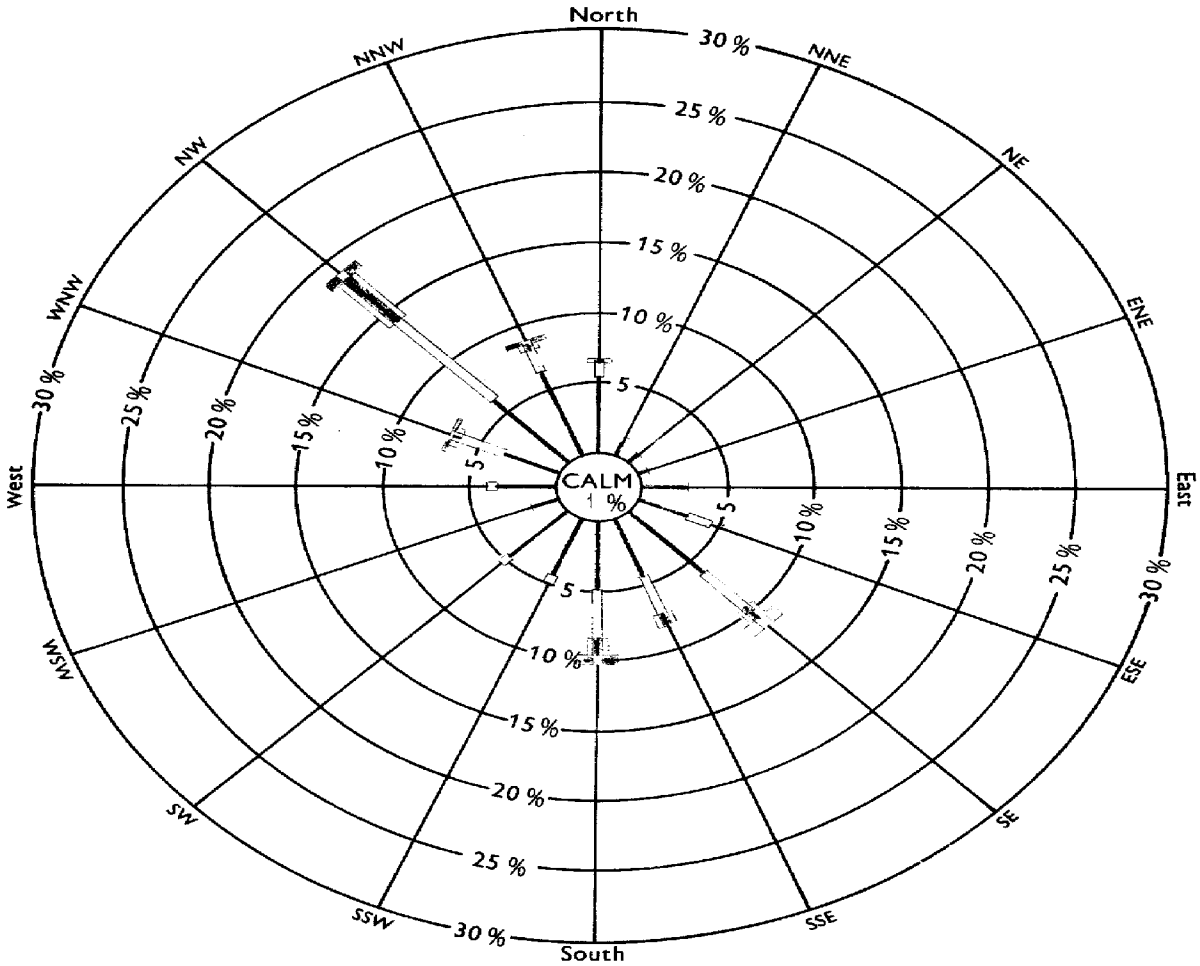
Met. Form 2b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : April	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

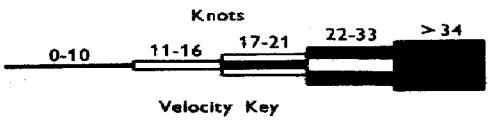
Met. Form 4

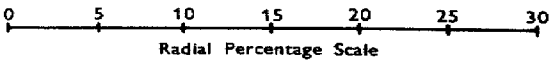
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : April	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



Hours in month 720

Hours recorded 720



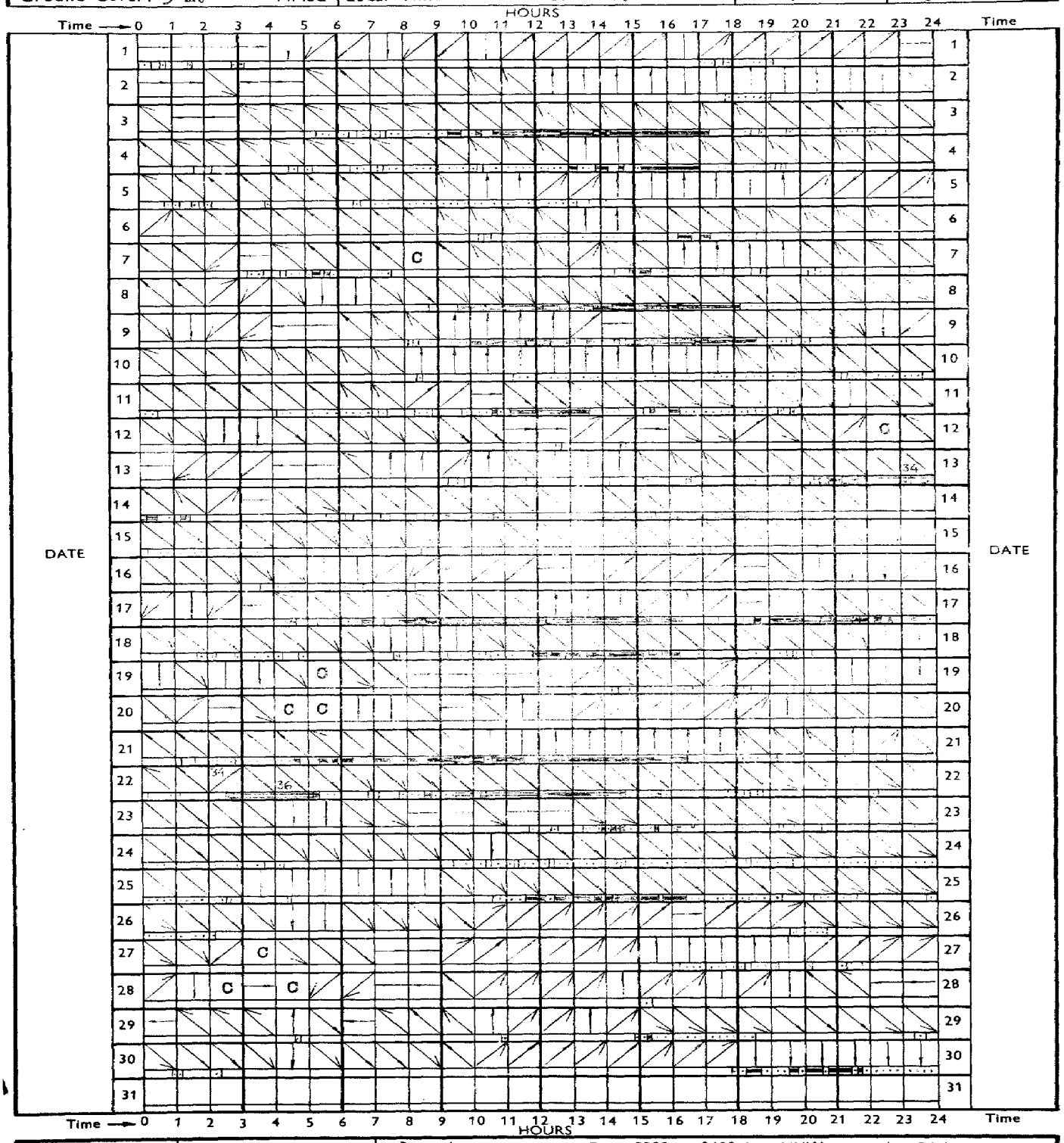


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : April	Year : 19[illegible]
		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 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

MONTHLY WEATHER REPORT

Month : April Year : 1952

Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29° 16' N. | Long : 50° 2' 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	17.0	15.6	14.5	16.6	84	1011.2	–	0	0	20	25.8	17.0	10.0	12.3	37	1012.[illegible]	300	9	0	20	1
2	16.4	13.8	11.6	13.7	73	1011.8	–	0	0	20	24.2	21.0	19.2	22.3	73	1013.[illegible]	100	3	0	20	2
3	18.6	17.4	16.6	18.9	88	1012.5	–	0	0	20	25.0	21.4	19.4	22.6	71	1013.3	150	5	8	20	3
4	20.0	19.0	18.9	21.2	91	1010.9	–	0	7	20	24.8	21.9	20.3	23.8	76	1011.7	120	10	8	20	4
5	20.6	20.0	19.6	22.9	94	1010.0	120	3	0	20	24.4	21.2	19.9	22.6	74	1009.3	150	8	2	20	5
6	17.0	16.6	16.3	18.6	96	1010.0	–	2	0	20	24.0	21.2	19.6	22.9	77	1010.9	120	8	4	20	6
7	21.0	20.2	19.8	23.1	93	1010.5	090	6	0	20	25.0	19.6	16.3	18.5	58	1010.5	360	2	8	20	7
8	23.0	20.0	18.3	21.0	75	1003.6	180	6	8	20	26.4	21.0	18.0	20.6	60	1005.2	330	15	8	20	8
9	21.2	16.8	13.6	15.6	62	1005.1	–	0	0	5	25.[illegible]	16.8	9.7	12.0	35	1008.[illegible]	170	10	0	3	9
10	20.4	14.4	9.2	11.6	48	1009.9	–	0	0	4	25.[illegible]	17.4	11.7	13.7	42	1011.3	200	12	0	4	10
11	18.2	15.0	12.4	14.3	69	1008.0	–	0	5	5	24.8	19.0	15.2	17.3	55	1009.3	280	12	0	3	11
12	18.8	13.0	7.4	10.4	48	1010.6	320	12	0	3	22.0	13.8	5.8	9.2	35	1011.8	340	10	6	[illegible]	12
13	19.2	16.0	13.7	15.7	71	1010.1	–	0	6	6	25.0	19.0	15.1	17.2	54	1009.8	180	7	0	3	13
14	24.0	19.4	16.6	18.8	63	1006.9	180	10	8	8	25.6	19.4	15.4	17.6	53	1010.6	340	12	X	1	14
15	20.2	14.4	5.4	11.8	50	1011.8	330	17	0	16	23.8	15.8	9.0	11.5	33	1012.1	350	17	0	16	15
16	21.4	17.4	14.8	16.8	66	1009.6	300	8	0	20	27.4	19.6	14.7	16.7	46	1007.9	340	5	3	15	16
17	23.4	19.4	17.0	19.3	67	1003.3	070	18	7	20	27.6	20.2	15.6	17.7	48	1001.5	130	12	4	20	17
18	20.4	15.4	11.4	13.5	56	1009.7	340	12	X	0.5	24.0	16.8	11.3	13.4	45	1009.9	350	15	0	[illegible]	18
19	21.0	16.8	11.1	15.8	64	1008.9	340	10	7	1	24.4	17.8	13.0	15.1	49	1010.2	360	10	7	1.8	19
20	20.0	17.8	16.3	18.6	80	1008.2	100	4	0	20	26.0	20.0	16.1	18.6	56	1008.6	300	4	0	20	20
21	22.4	18.0	15.0	17.2	64	1003.3	100	10	0	20	28.8	19.6	13.4	15.4	39	1003.4	170	20	4	3	21
22	20.8	16.0	12.3	14.4	59	1007.1	330	24	X	[illegible]	23.0	15.8	9.7	12.2	44	1011.0	330	20	5	4	22
23	20.2	16.0	12.8	14.8	63	1014.9	350	8	0	15	24.0	17.4	12.7	14.7	49	1017.4	320	13	0	20	23
24	20.4	16.0	12.7	14.7	61	1017.5	320	13	0	20	24.8	17.4	12.0	14.0	45	1018.5	310	15	0	25	24
25	21.6	17.0	13.7	15.7	61	1015.3	360	10	3	20	26.4	16.0	6.7	9.9	29	1015.9	330	10	0	20	25
26	21.0	17.2	14.6	16.6	67	1013.9	320	6	0	25	25.0	18.2	13.5	15.6	49	1014.5	320	10	0	25	26
27	20.4	17.2	15.0	17.0	71	1011.9	030	4	0	25	27.4	17.8	10.6	12.8	35	1012.8	300	8	0	25	27
28	17.0	15.0	13.4	15.9	80	1011.9	–	0	1	20	27.0	19.2	14.0	16.0	45	1012.6	250	8	8	25	28
29	22.0	18.4	16.1	18.3	69	1009.0	–	0	4	20	28.0	19.8	14.6	16.6	44	1010.4	250	8	6	20	29
30	22.0	18.6	16.4	18.7	71	1011.8	030	3	1	7	29.4	19.0	11.6	13.7	34	1011.9	300	8	1	8	30
31																					31
Av.	20.3	16.9	14.4	16.7	70	1010.0	–	6	2	15	25.5	18.7	13.8	16.2	50	1010.8	–	[illegible]	[illegible]	[illegible]	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 : April Year : 1964
Station : Kharg Island

Ground Level : 3 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 29°46' N. | Long : 50°20' E.

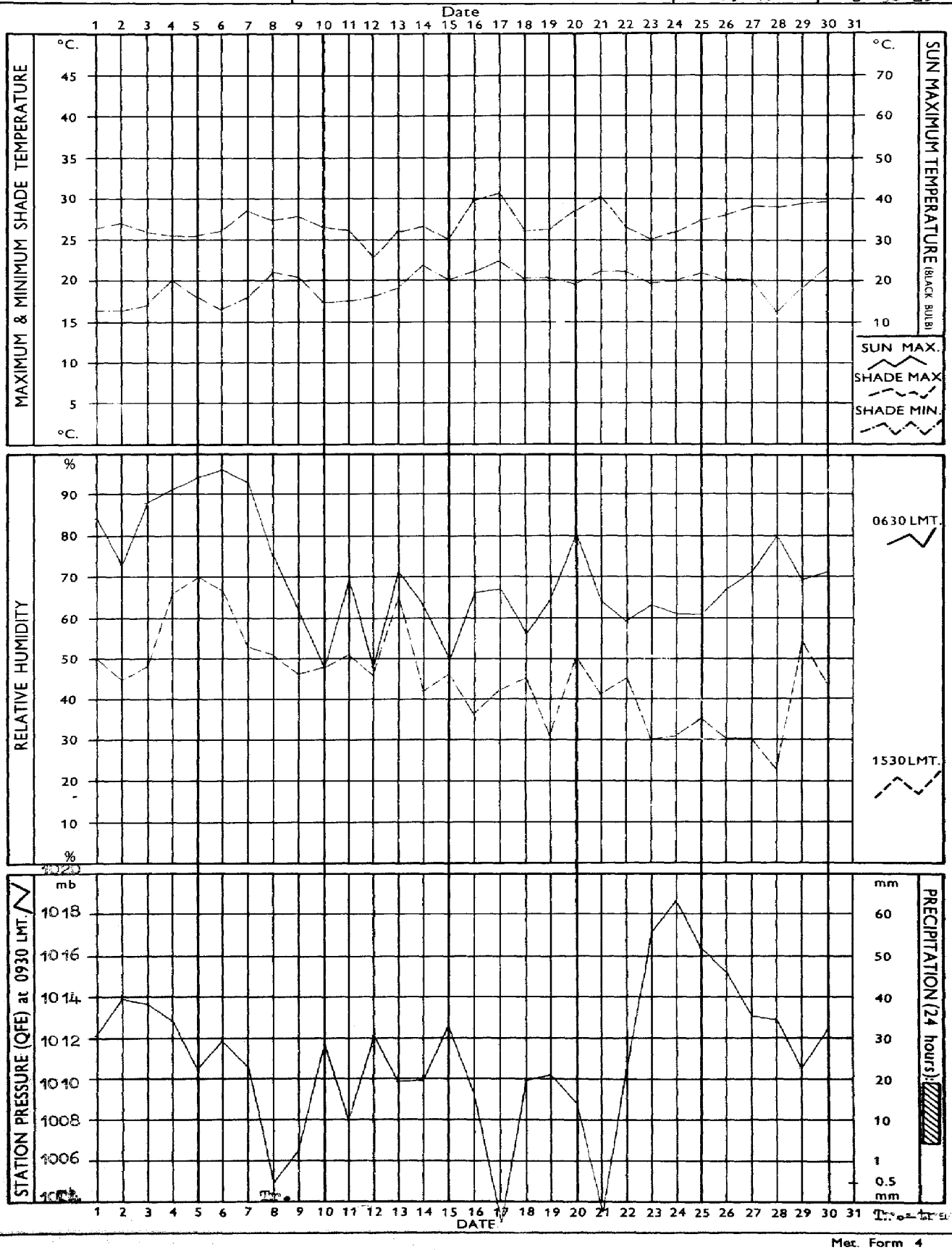
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
22.0	18.6	16.5	18.8	71	1010.1	260	12	0	20		26.4	16.5	12.2		270	18	0	Clear	1
23.4	21.0	19.7	23.0	81	1011.1	100	3	4	20		27.0	16.4	12.9		180	4	0	Fair	2
24.2	18.2	14.1	16.1	54	1011.0	100	4	8	20		26.0	17.0	13.3		190	14	0	Cloudy	3
23.0	20.0	18.2	21.0	75	1009.5	140	10	4	20		25.5	19.8	17.4		180	12	0	"	4
22.0	20.0	18.9	21.8	83	1008.4	250	8	0	20		25.5	18.0	14.4		150	14	0	Clear	5
23.6	21.4	20.3	23.6	81	1010.1	120	6	4	20		26.0	16.5	14.6		170	10	0	P.Cloudy	6
23.8	21.0	19.4	22.7	77	1007.8	130	10	7	20		28.5	18.0	16.4		150	13	0	Cloudy	7
26.0	17.6	11.3	13.4	40	1004.0	300	18	8	4		27.5	21.0	20.0		320	22	Tr.	Rain	8
23.0	17.2	13.0	15.0	54	1005.8	270	5	8	1.5		2[illegible].8	20.5	17.4		250	22	0	Haze	9
23.0	17.0	12.6	14.6	52	1010.5	–	0	0	2		26.5	17.4	15.8		010	20	0	"	10
22.0	14.2	7.0	10.0	38	1009.0	340	12	X	0.2		26.2	17.6	15.4		360	22	0	Sandst.	11
20.4	14.8	10.1	12.4	52	1010.7	300	8	7	4		27.0	18.0	17.8		350	22	0	Dust	12
23.0	19.6	17.2	20.2	72	1007.4	–	0	3	4		26.0	19.0	17.8		170	26	0	Haze	13
24.2	17.4	12.4	14.4	48	1010.4	320	15	0	2		26.6	21.8	21.0		280	28	0	Sandst.	14
23.2	17.0	12.5	14.5	51	1008.9	300	10	0	15		25.0	20.0	18.8		350	34	0	Clear	15
24.6	18.6	14.6	16.6	54	1005.6	350	10	6	15		29.8	21.0	19.0		360	16	0	P.Cloudy	16
25.4	20.0	16.8	19.1	58	1003.6	180	13	8	5		30.6	22.2	18.3		220	32	0	Haze	17
23.2	16.6	11.6	13.7	48	1008.1	300	12	1	2		26.0	20.0	20.0		360	26	0	Sandst.	18
23.4	16.2	10.4	12.6	44	1007.9	300	10	8	3		26.2	20.2	18.2		300	14	0	Dust	19
23.2	19.4	17.1	19.5	69	1005.1	330	4	0	20		28.4	19.5	18.0			13	0	Clear	20
25.0	21.4	19.3	22.4	71	1001.3	190	15	0	3		30.2	21.0	18.3		200	22	0	Haze	21
22.6	16.0	10.7	12.9	47	1010.3	310	13	0	2		26.5	21.0	21.0		340	36	0	Sandst.	22
23.0	15.2	8.3	11.0	40	1016.5	330	10	0	20		25.0	19.6	15.0		340	25	0	Clear	23
23.8	14.8	6.4	9.6	33	1015.6	300	12	0	25		26.0	20.0	18.3		350	29	0	"	24
24.4	16.6	10.4	12.6	42	1013.6	320	12	0	20		27.4	20.8	19.4		330	24	0	Fair	25
25.2	16.4	9.2	11.7	36	1012.1	320	10	0	25		28.0	20.0	18.6		360	18	0	Clear	26
25.0	16.2	8.6	11.3	35	1011.9	300	10	0	25		28.5	20.0	17.5		340	14	0	"	27
25.2	17.6	12.0	14.0	44	1010.4	–	0	5	30		29.0	16.0	13.4		290	15	0	Cloudy	28
25.4	19.2	15.3	17.3	53	1009.8	300	7	0	8		29.3	19.0	16.7		300	16	0	Haze	29
24.2	18.6	14.8	16.9	56	1009.7	300	10	6	10		29.5	21.6	19.6		330	18	0	Haze	30
																			31
23.7	17.9	13.6	16.1	55	1009.2	–	9	3	12		27.1	19.3	17.2						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

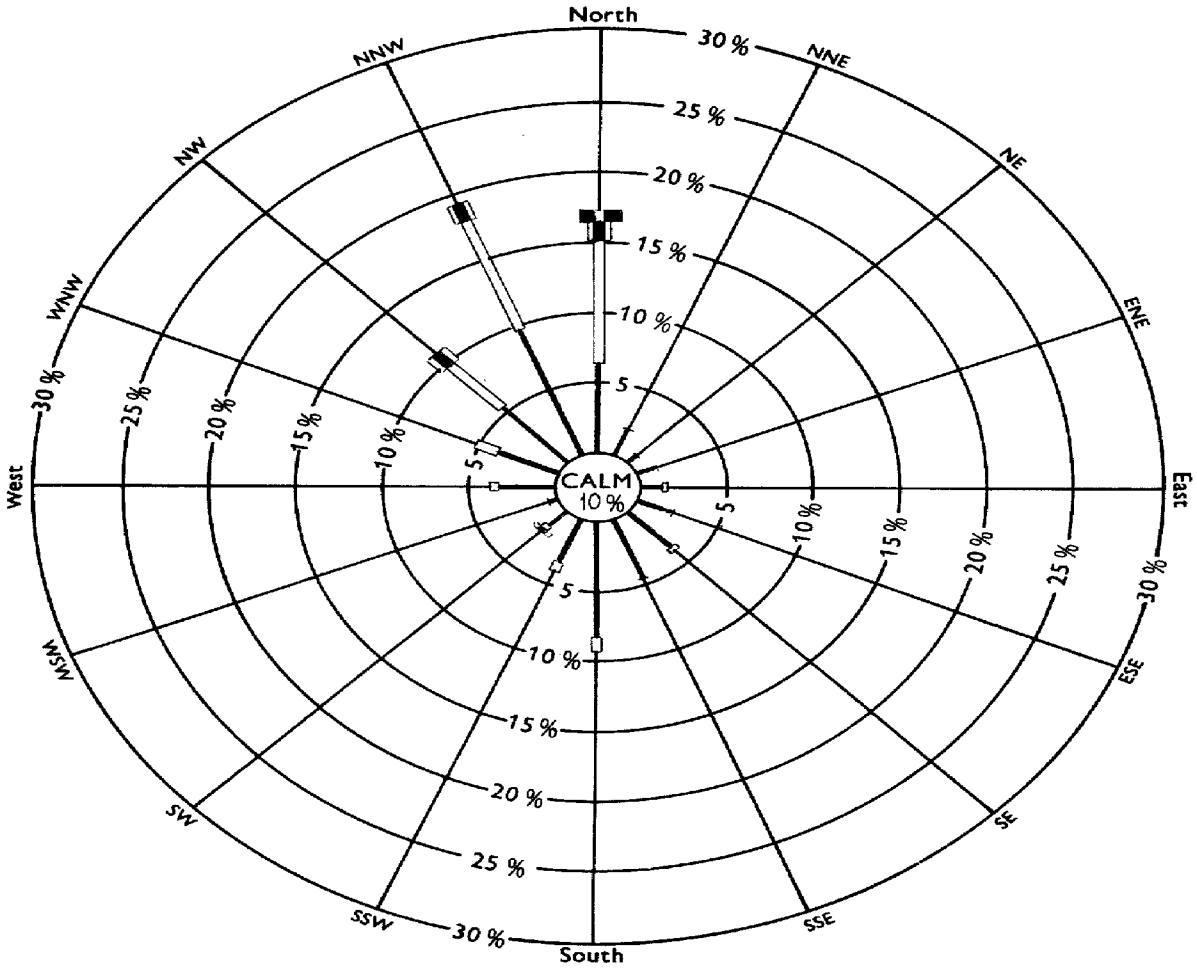
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : April	Year : 1962
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29° 16' N.	Long : 50° 20' E.



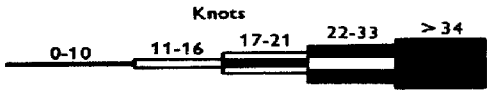
Met. Form 4

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

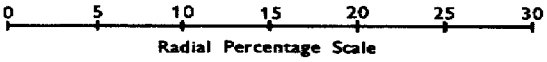


Hours in month 720

Hours recorded 690



Velocity Key



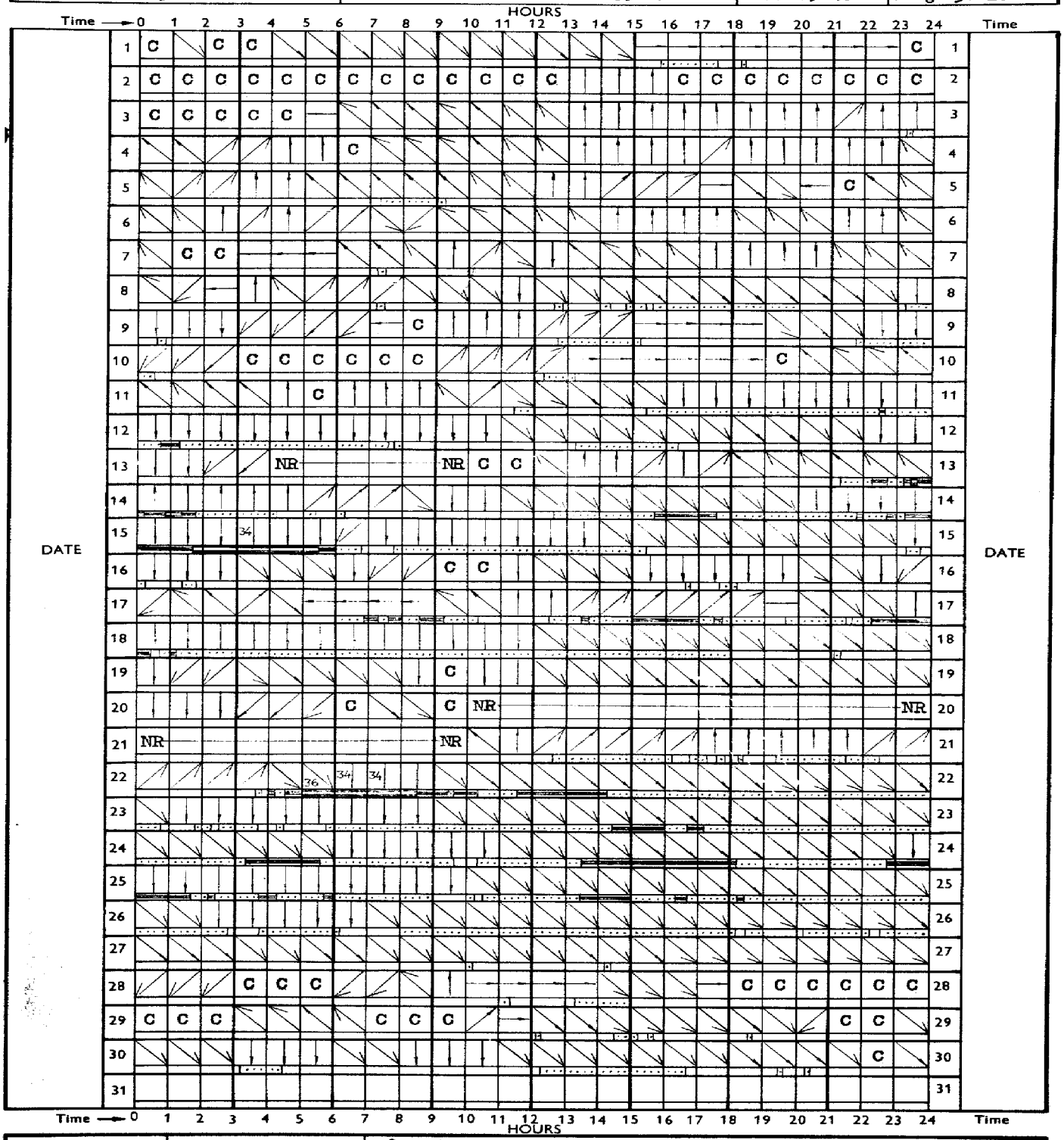
Radial Percentage Scale

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 : April	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

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 : April 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	20.1	18.2	17.1	19.4	82	1009.9	300	5	5	40	27.8	18.0	10.6	12.8	34	1010.8	270	14	0	20	1
2	18.8	17.9	17.3	19.8	91	1012.6	280	2	0	25	27.9	16.9	7.8	10.5	28	1013.5	280	9	0	40	2
3	18.8	18.4	18.2	20.9	96	1012.9	–	0	0	25	25.2	21.6	19.7	22.9	71	1014.2	180	3	3	20	3
4	22.4	20.6	19.6	22.8	84	1012.6	250	2	8	25	23.9	21.3	19.9	23.2	78	1013.5	110	2	8	30	4
5	20.0	18.0	16.7	19.0	81	1010.1	270	2	5	30	26.8	19.8	15.4	17.5	49	1009.4	300	15	2	45	5
6	18.5	17.9	17.5	20.0	94	1011.6	300	1	1	25	25.8	20.3	17.1	19.5	59	1013.6	180	4	1	40	6
7	18.4	18.2	18.1	20.7	98	1012.1	330	1	6	2	26.4	21.5	18.8	21.7	63	1012.3	190	2	3	40	7
8	23.5	22.3	21.7	26.0	90	1006.5	090	10	7	25	26.7	21.1	17.9	20.5	58	1005.1	130	15	4	35	8
9	21.5	18.2	16.1	18.3	71	1004.3	300	1	0	6	27.4	19.9	15.2	17.2	47	1007.1	230	13	7	6	9
10	21.7	16.8	13.2	15.2	58	1009.3	280	5	6	7	29.0	17.5	8.1	10.8	27	1010.8	260	16	1	8	10
11	22.4	19.0	16.9	19.2	71	1007.8	200	3	0	6	26.7	19.9	15.7	17.8	51	1008.9	110	2	1	6	11
12	22.2	17.7	14.7	16.7	62	1008.6	280	15	X	0.8	26.3	17.4	10.6	12.7	37	1010.2	290	20	X	1.2	12
13	18.6	17.2	16.3	18.6	87	1010.2	270	1	0	1.2	25.6	20.6	17.8	20.4	62	1011.3	200	4	0	.5	13
14	21.6	19.8	18.8	21.7	84	1009.3	050	2	3	10	26.7	22.5	20.3	23.9	68	1009.8	100	3	0	8	14
15	22.6	18.3	15.9	18.0	66	1008.3	300	18	0	6	31.0	16.4	1.9	7.0	16	1008.4	270	16	0	6	15
16	22.6	20.0	18.5	21.3	67	1007.0	290	8	0	8	28.6	22.6	19.5	22.6	58	1006.7	250	15	0	8	16
17	22.2	21.4	21.0	24.9	93	1005.6	090	1	3	6	25.8	23.3	22.1	26.6	80	1005.9	180	9	8	6	17
18	27.6	20.5	16.2	18.5	50	1006.2	320	1	7	5	28.4	19.3	13.1	15.1	39	1007.0	300	10	X	0.3	18
19	23.6	20.3	18.4	21.2	73	1007.8	310	11	8	1.2	29.6	19.6	12.8	14.8	36	1006.7	010	3	8	6	19
20	24.3	20.2	17.8	20.4	67	1006.8	340	10	0	9	33.7	18.2	4.6	8.5	16	1006.6	280	9	0	7	20
21	24.4	20.9	18.9	21.9	71	1005.2	070	1	2	5	28.2	23.2	20.7	24.4	64	1005.8	120	14	2	6	21
22	27.1	23.1	21.1	25.0	70	1005.0	100	5	7	30	28.7	22.9	19.9	23.3	59	1007.1	130	9	7	20	22
23	22.6	17.9	14.7	16.7	61	1010.5	300	19	0	5	28.2	18.1	10.5	12.7	33	1012.4	300	27	0	6	23
24	22.2	16.2	11.6	13.7	51	1014.0	310	14	0	10	28.7	17.5	8.3	11.0	28	1013.6	280	18	7	25	24
25	22.9	19.6	15.8	18.0	65	1011.1	300	9	7	10	27.2	21.7	18.7	21.5	60	1012.7	180	3	7	6	25
26	21.7	18.5	16.5	18.8	72	1010.8	300	5	0	10	30.8	21.3	15.6	17.7	40	1011.4	270	16	0	20	26
27	23.2	17.6	13.7	15.7	55	1009.8	300	13	0	30	32.2	18.6	7.7	10.5	22	1010.9	300	17	0	30	27
28	18.0	16.0	14.6	16.7	80	1010.9	270	8	0	20	27.8	22.0	18.9	24.8	58	1011.4	260	13	2	30	28
29	19.8	19.5	19.5	22.4	97	1009.8	030	1	3	20	25.7	23.6	22.6	27.5	83	1011.0	130	2	2	30	29
30	22.5	20.8	19.9	23.2	85	1010.5	290	11	3	20	30.8	20.4	13.6	15.6	35	1010.3	280	17	5	15	30
31																					31
Av.	21.9	19.0	17.2	19.8	76	1009.2	–	7	3	14	27.9	20.1	14.8	17.7	49	1009.9	–	11	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 : April Year : 1964

Station : Sheikh Shu'aib

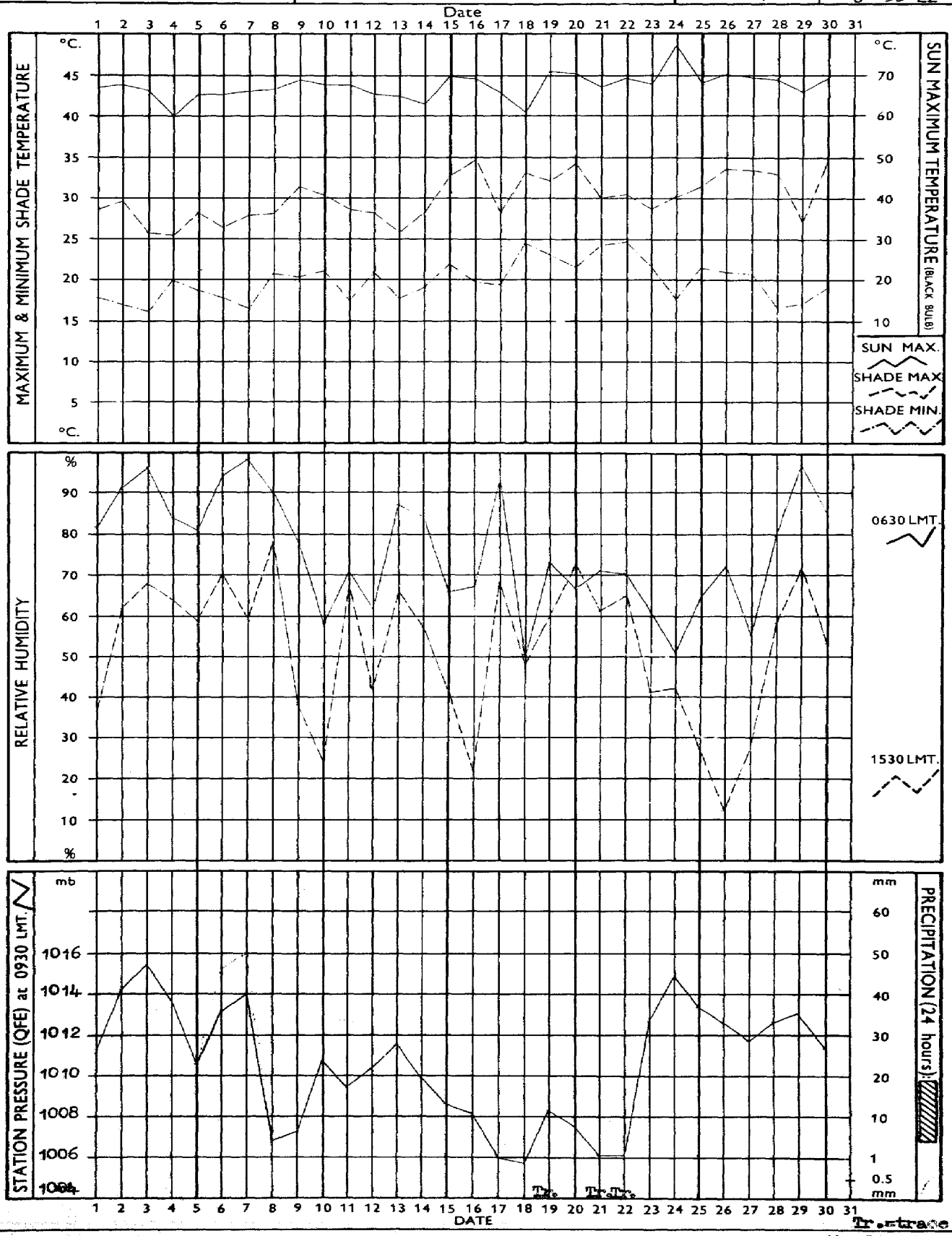
Ground Level : 2 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 26°48' N. | Long : 53°22' E.

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		
23.3	18.4	15.2	17.2	60	1009.6	270	11	0	25	22.2	28.5	17.8	18.3	66.8	270	31	0	Fair	1
23.1	19.6	17.5	20.0	71	1012.5	260	2	1	25	22.3	29.5	17.0	17.3	67.7	290	21	0	Clear	2
23.4	19.7	17.5	20.0	69	1011.8	180	1	8	20	23.0	25.7	16.2	15.2	66.2			0	P.Cloudy	3
23.5	19.3	16.7	19.0	66	1011.0	170	5	8	30	23.1	25.4	20.0	20.9	59.8			0	O-cast	4
23.2	20.4	18.8	21.7	76	1008.9	290	9	1	30	22.6	28.2	18.7	19.5	65.5	290	26	0	Fair	5
23.3	21.8	21.0	24.9	87	1011.7	240	1	5	30	22.5	26.4	17.9	14.2	65.3	290	18	0	Fair	6
25.0	21.2	19.1	22.2	70	1009.6	020	1	6	30	23.0	27.8	16.6	14.8	66.2			0	Fog	7
24.2	22.5	21.7	25.9	86	1003.1	170	1	4	20	22.9	28.1	20.7	20.9	66.5	110	14	0	P.Cloudy	8
25.3	17.3	11.3	13.3	41	1005.5	270	15	7	6	22.8	31.4	20.3	21.2	68.9	290	29	0	Haze	9
23.6	18.0	14.2	16.1	55	1009.7	280	16	0	7	22.2	30.4	21.1	20.0	67.8	290	32	0	"	10
24.0	20.8	19.0	22.0	74	1007.6	300	5	0	6	22.4	28.7	17.5	19.0	67.5	140	18	0	"	11
22.5	18.2	15.3	17.4	64	1008.8	280	16	X	1.6	23.1	28.2	20.9	21.3	65.4	290	28	0	Sandst.	12
23.5	20.2	18.2	21.0	72	1009.7	200	1	0	6	22.4	26.0	18.0	16.2	65.1	240	10	0	Haze	13
25.6	21.3	18.9	21.9	67	1008.2	280	5	8	7	23.3	28.2	19.1	20.4	62.9	310	18	0	"	14
25.3	19.2	15.3	17.3	54	1006.8	270	19	0	6	22.4	32.7	22.0	18.7	69.8	290	30	0	"	15
26.7	20.7	17.2	19.6	56	1005.6	280	2	1	8	22.5	34.7	19.9	21.0	69.3	300	23	0	"	16
26.4	21.7	19.2	22.2	64	1002.9	120	9	8	6	23.2	28.2	19.4	19.5	65.8	240	20	0	"	17
24.7	22.0	20.6	24.3	78	1006.6	310	14	X	0.1	23.4	33.2	24.6	26.9	61.2	270	31	0	Sandst.	18
23.4	21.2	18.9	21.8	67	1005.5	290	12	1	6	22.1	32.2	23.3	22.1	71.0	300	34	Tr.	Raish.	19
25.2	22.8	21.6	25.9	80	1005.8	240	3	0	7	22.6	34.3	21.6	23.9	70.3	230	18	0	Haze	20
28.0	22.6	19.8	23.1	61	1003.8	120	12	7	6	22.7	30.0	24.3	22.1	67.2	120	12	Tr.	Rainsh.	21
24.7	21.0	18.9	21.9	70	1007.2	280	20	1	5	23.1	30.6	24.7	26.9	69.8	300	35	Tr.	"	22
23.8	18.7	15.4	17.5	60	1012.0	280	22	2	6	22.4	28.7	21.7	20.2	67.8	300	43	0	Haze	23
24.1	18.6	15.0	17.0	57	1011.5	280	21	7	15	21.6	30.1	17.7	14.2	76.9	300	42	0	P.Cloudy	24
25.5	18.4	13.4	15.5	48	1009.6	300	17	3	10	21.7	31.6	21.6	19.9	68.3	290	38	0	Haze	25
24.9	18.5	14.2	16.3	51	1010.2	280	20	0	15	22.4	33.8	21.1	19.1	70.2	290	39	0	Clear	26
25.5	17.8	12.2	14.2	44	1010.2	280	17	0	35	22.5	33.5	20.1	18.2	69.5	290	37	0	"	27
25.2	18.0	13.0	15.0	47	1010.3	260	5	2	30	22.8	33.0	16.8	14.0	68.9			0	Fair	28
25.2	22.7	21.4	25.6	80	1009.6	300	3	5	24	23.4	27.3	17.1	14.0	66.2			0	P.Cloudy	29
26.2	19.8	15.8	18.0	53	1007.7	280	21	1	15	23.2	34.5	19.0	17.0	69.2			0	"	30
																			31
24.6	20.1	17.2	19.9	64	1008.4	–	10	3	15	22.7	30.0	19.9	19.4	67.4					Av.

CODE FOR REMARKS (continued)

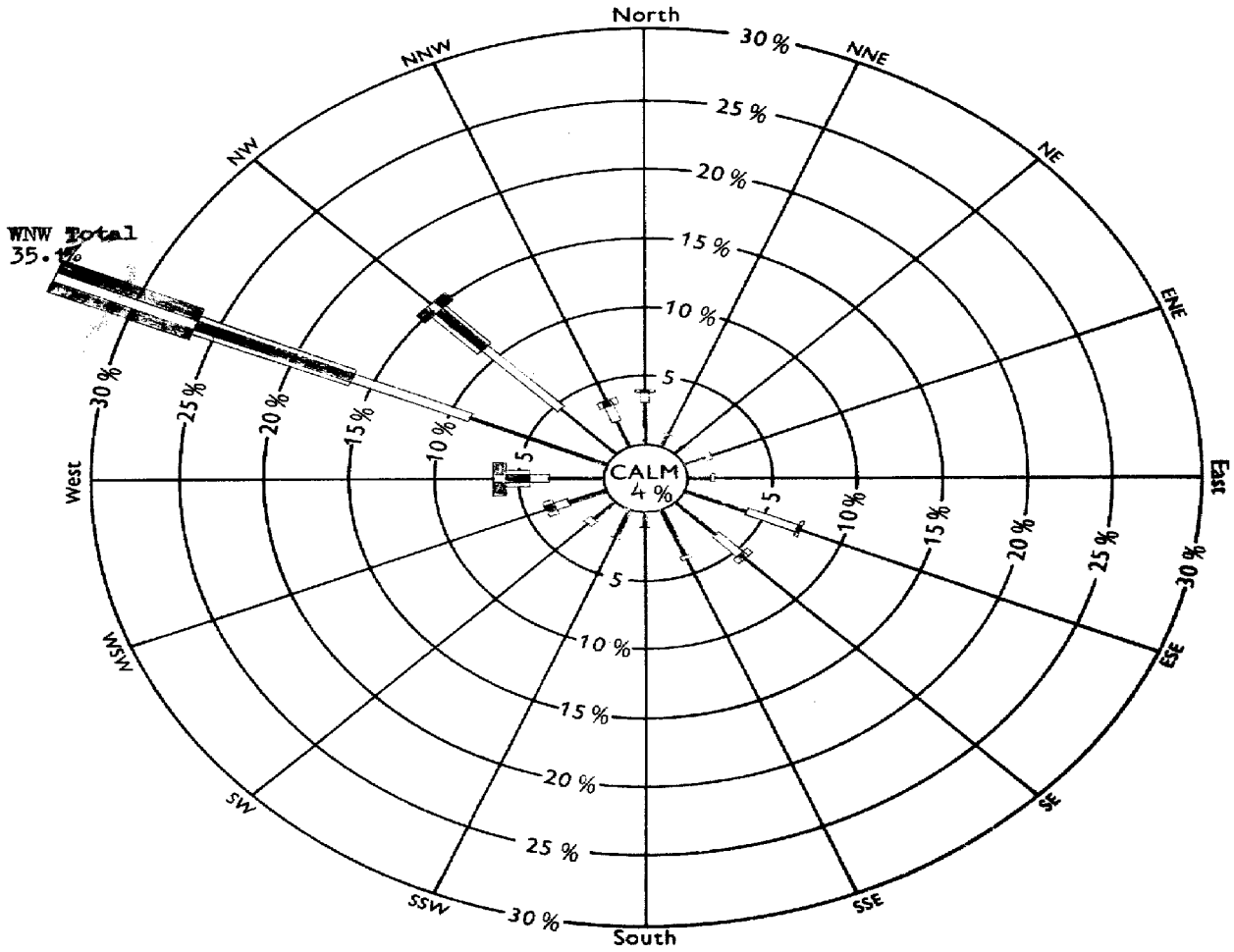
Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

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



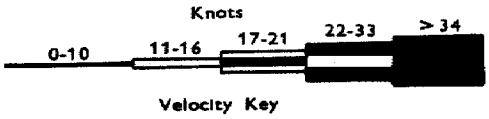
Met. Form 4

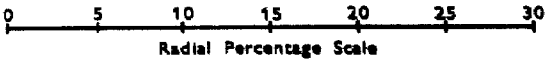
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : April	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26° 48' N.	Long : 53° 22' E.



Hours in month 720

Hours recorded 657





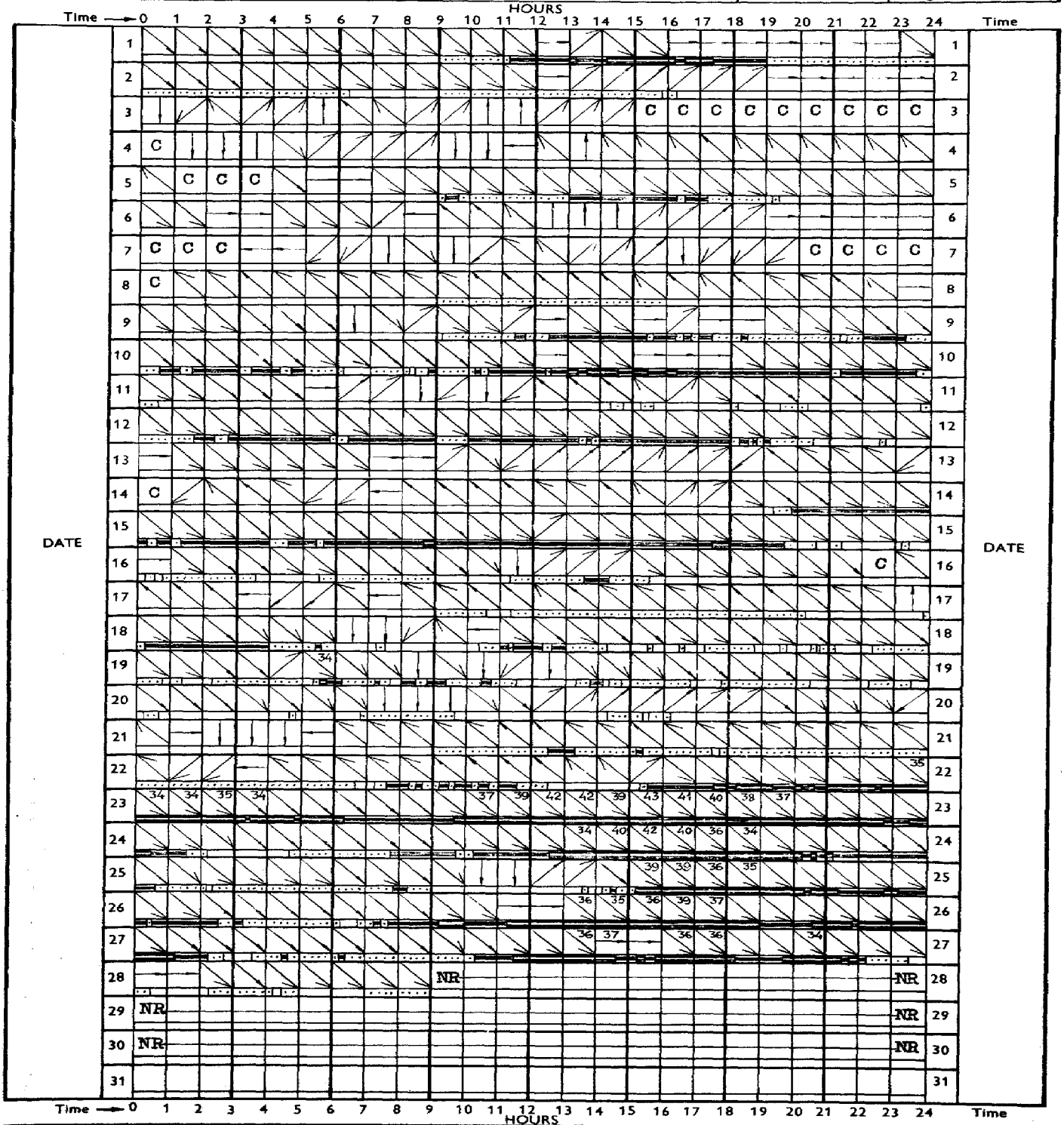
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 57.1% of all observations.

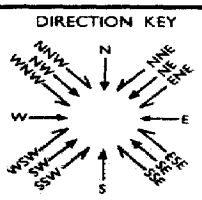
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : April	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.

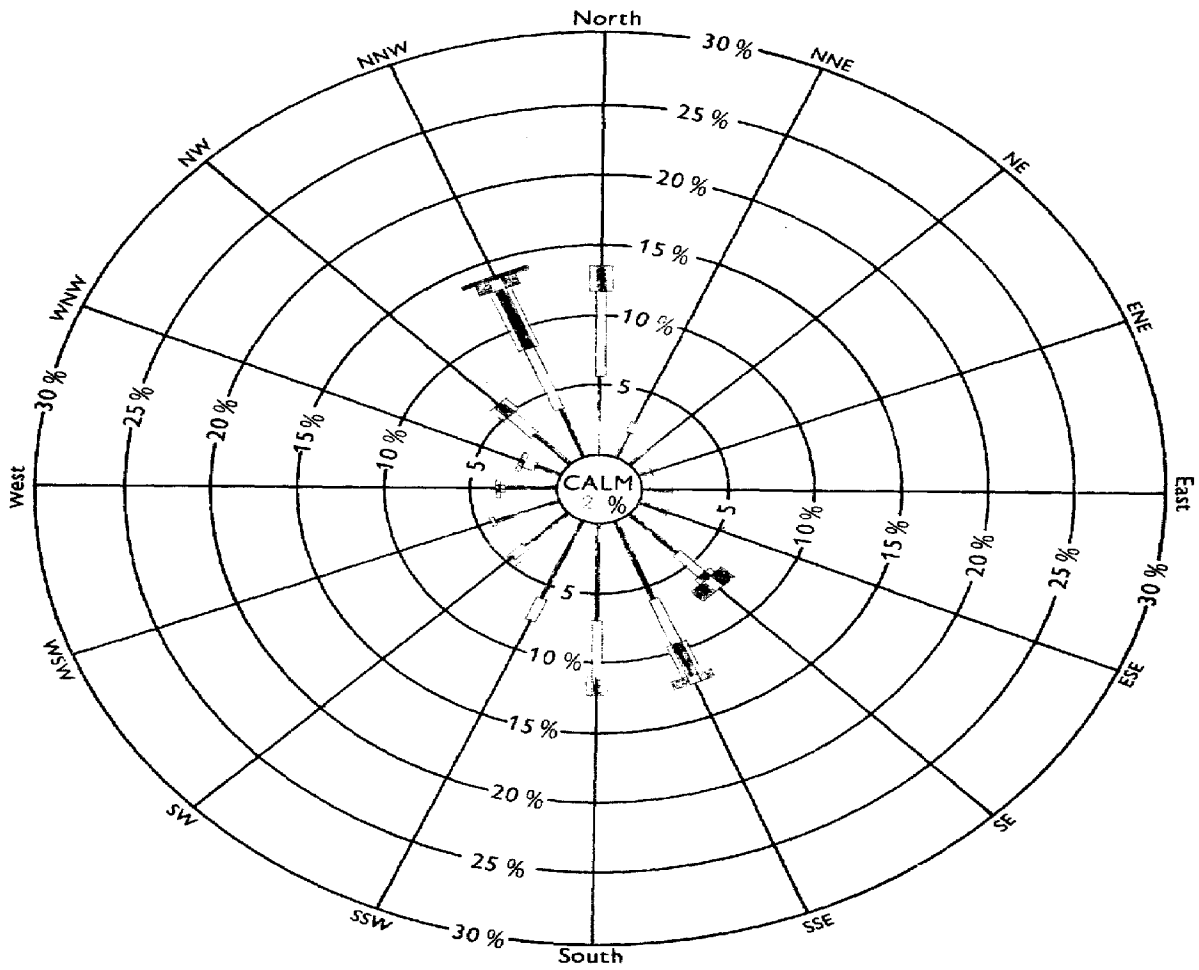
DIRECTION KEY



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)

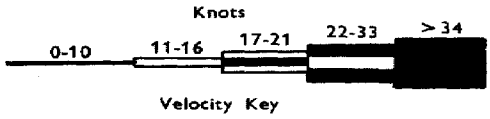
Remarks : The records of 28-30 April not received in time before printing.

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

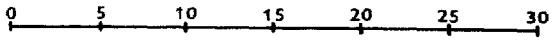


Hours in month 720

Hours recorded 720



Velocity Key



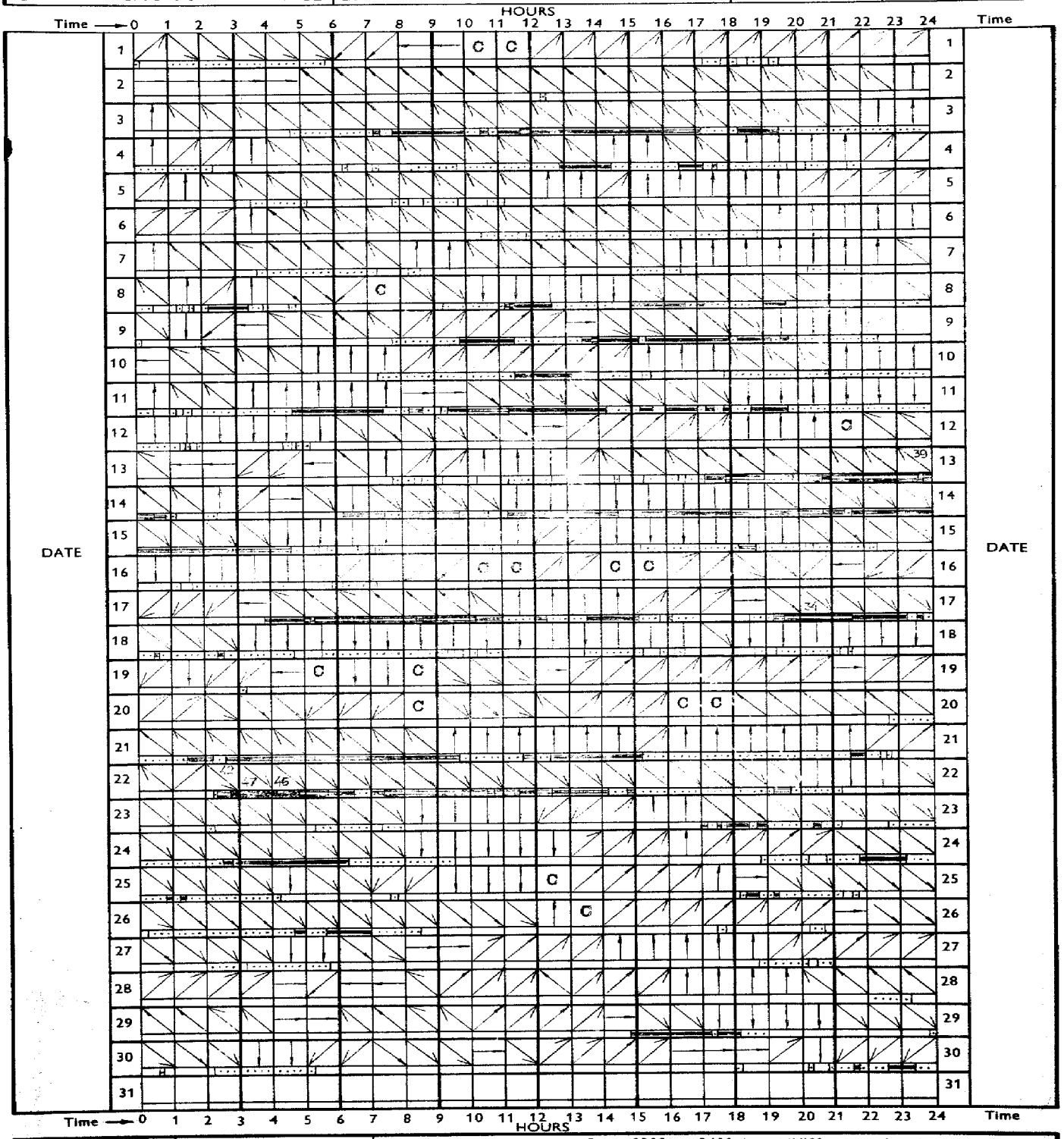
Radial Percentage Scale

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.

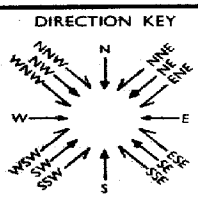
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : April	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 :

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	1010.9	1011.2	1009.0	1012.2	1012.3	1010.1	1009.2	1008.4	1008.3	1011.6	1011.9	1009.1
2	1011.4	1012.9	1010.6	1013.6	1014.4	1011.5	1011.4	1011.7	1010.7	1012.1*	1013.7*	1010.4
3	1011.6	1011.7	1010.1	1013.2	1013.5	1011.5	1012.3	1011.9	1010.6	1012.2*	1011.8*	1009.7
4	1010.9	1010.4	1007.4	1012.6	1011.8	1009.5	1010.6	1009.2	1007.6	1010.8	1009.6	1007.8
5	1008.7	1008.8	1007.4	1010.9	1010.6	1008.4	1009.8	1007.5	1007.4	1009.1	1009.6	1007.6
6	1008.8	1010.0	1009.4	1011.0	1011.5	1010.2	1009.4	1009.1	1009.2	1009.8	1010.2	1009.0
7	1009.2	1011.8	1006.7	1010.7	1013.3	1008.7	1009.2	1010.0	1005.2	1010.6	1011.8	1007.1
8	1004.3	1004.9	1003.6	1006.5	1006.5	1004.7	1002.6	1002.2	1001.2	1005.7	1006.4	1004.9
9	1003.0	1002.6	1004.1	1005.5	1006.2	1006.4	1003.2	1003.3	1003.6	1003.9	1003.6	1005.3
10	1009.6	1011.2	1009.9	1011.3	1012.4	1010.8	1008.9	1009.4	1009.5	1010.7*	1011.3*	1008.7
11	1006.0	1007.5	1010.1	1007.6	1008.9	1010.6	1007.0	1006.5	1007.2	1005.9	1009.1	1010.2
12	1011.0	1010.9	1011.2	1012.3	1012.8	1011.9	1008.7	1008.4	1008.7	1011.6	1012.1	1011.6
13	1008.5	1007.2	1004.4	1010.3	1009.8	1007.2	1008.7	1007.7	1006.9	1009.8	1005.9	1004.6
14	1006.7	1011.0	1011.6	1008.9	1012.4	1012.8	1005.3	1006.7	1007.7	1008.4	1013.0	1013.1
15	1012.0	1012.1	1010.8	1013.0	1013.4	1010.5	1010.2	1008.9	1007.7	1013.9	1013.3	1010.9
16	1010.8	1007.7	1005.6	1011.1	1009.4	1006.7	1008.0	1006.3	1004.7	1010.6	1008.8	1006.3
17	1001.4	1000.9	1001.1	1003.4	1000.8	1004.0	1005.7	1001.7	1002.1	1001.8*	1000.0*	1002.7
18	1010.2	1009.4	1008.7	1011.9	1011.2	1009.1	1005.7	1005.9	1005.9	1012.1	1011.4	1008.9
19	1010.0	1009.9	1009.1	1010.9	1010.7	1008.8	1008.1	1007.0	1006.1	1010.8	1010.5	1008.7
20	1007.5	1008.9	1004.4	1009.3	1008.9	1005.4	1007.5	1006.0	1004.5	1009.0	1008.7	1004.6
21	1001.7	1000.1	1000.3	1003.1	1002.8	1002.5	1003.4	1002.5	1001.1	1001.6	1001.4	999.9
22	1006.8	1009.3	1009.6	1009.3	1011.3	1011.4	1001.8	1006.3	1006.5	1007.4	1011.0	1010.7
23	1015.3	1017.4	1015.9	1016.8	1018.9	1017.3	1013.8	1014.5	1014.3	1016.2*	1018.2*	1017.0
24	1019.8	1018.4	1015.9	1019.2	1019.2	1016.4	1015.8	1015.6	1014.3	1019.4*	1019.6*	1016.4
25	1016.4	1015.2	1013.4	1017.2	1016.8	1014.3	1014.1	1012.3	1011.5	1017.5	1016.6	1014.0
26	1014.6	1013.8	1011.4	1015.2	1015.2	1012.0	1013.0	1011.8	1012.5	1014.4	1014.3	1011.7
27	1011.2	1011.2	1010.5	1013.1	1013.2	1011.6	1010.8	1008.5	1010.4	1012.0	1012.4	1010.7
28	1011.1	1011.8	1008.8	1013.4	1013.4	1010.9	1011.8	1009.8	1009.8	1012.3	1012.9	1009.0
29	1008.4	1007.8	1008.4	1011.0	1011.0	1010.3	1008.6	1007.5	1007.9	1009.1	1009.4	1009.7
30	1011.8	1012.0	1011.6	1012.8	1013.0	1010.2	1010.2	1008.9	1007.7	1012.6	1012.6	1011.7
31												
Av.	1009.7	1009.9	1008.7	1011.2	1011.2	1009.9	1008.9	1008.2	1007.0	1010.4	1011.1	1009.1

Date	Abadan			Bandar Mashur			Kharg Island			Sheikh Sha'aib		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1011.2	1012.2	1009.8	1011.4	1011.9	1009.4	1011.5	1012.5	1010.5	1010.3	1011.2	1010.0
2	1012.0*	1013.6*	1010.7	1012.7	1013.5*	1011.0	1012.2	1014.2	1011.5	1013.0	1013.9	1012.9
3	1011.1*	1011.9*	1009.4	1011.6	1012.4	1010.1	1012.9	1015.7	1011.4	1013.3	1014.6	1012.2
4	1010.0	1009.6	1008.0	1011.1	1011.1	1008.3	1011.3	1012.1	1009.9	1013.0	1013.9	1011.4
5	1009.2	1009.7	1008.1	1009.5	1009.9	1008.0	1010.4	1009.7	1008.9	1010.5	1009.8	1009.3
6	1010.0	1009.4	1009.2	1009.8	1010.7	1009.1	1010.4	1011.3	1010.5	1012.0	1014.0	1012.1
7	1009.3	1011.2	1007.6	1009.3	1011.8	1007.8	1010.9	1010.9	1008.2	1012.5	1012.7	1010.0
8	1006.3	1007.8	1005.8	1005.5	1006.3	1004.9	1004.0	1005.6	1004.4	1006.9	1005.5	1003.5
9	1004.6	1005.8	1005.7	1004.6	1005.4	1005.4	1005.5	1006.8	1006.2	1004.7	1007.5	1005.9
10	1010.4*	1012.1*	1009.4	1009.8	1011.9	1009.2	1010.3	1012.3	1010.9	1009.7	1011.2	1010.1
11	1007.0	1010.2	1010.4	1006.5	1009.3*	1010.3	1008.4	1009.5	1009.4	1008.2	1009.9	1008.0
12	1012.3	1012.9	1011.4	1011.6	1012.2	1012.1	1011.0	1012.3	1011.1	1009.0	1010.6	1009.2
13	1010.0	1008.3	1004.7	1009.8	1008.5	1005.3	1010.5	1010.2	1007.8	1010.6	1011.7	1010.1
14	1009.5	1013.5	1014.1	1007.7	1012.1	1012.5	1007.3	1011.0	1010.8	1009.7	1010.2	1008.6
15	1013.6	1013.9	1011.5	1012.7	1012.7	1009.9	1012.2	1012.5	1009.3	1008.7	1008.8	1007.2
16	1010.4	1009.4	1006.5	1009.8	1008.4	1006.0	1010.0	1008.3	1006.0	1007.4	1007.2	1006.0
17	1000.2*	1000.2*	1004.6	1001.6	1001.1	1003.5	1003.7	1001.9	1004.0	1006.0	1006.3	1003.3
18	1011.5	1012.3	1009.6	1011.2	1010.8	1008.8	1010.1	1010.3	1008.5	1006.6	1007.4	1007.0
19	1011.0	1011.0	1009.0	1010.2	1010.6	1008.5	1009.3	1010.6	1008.3	1008.2	1007.1	1005.9
20	1008.6	1008.9	1005.0	1008.1	1008.7	1004.7	1008.6	1009.0	1005.5	1007.2	1007.0	1006.2
21	1001.0	1000.9	1000.0	1001.6	1002.7	1000.4	1003.7	1003.8	1001.7	1005.6	1006.2	1004.2
22	1008.2	1012.7	1011.7	1006.8	1011.0	1010.6	1007.5	1011.4	1010.7	1005.4	1007.5	1007.6
23	1016.7*	1018.9*	1017.6	1016.2	1017.7	1016.5*	1015.3	1017.8	1016.9	1010.9	1012.8	1012.4
24	1019.7*	1020.4*	1014.6	1018.8	1018.8	1016.0	1017.9	1018.9	1016.0	1014.4	1014.0	1011.9
25	1017.3	1017.7	1015.7	1016.7	1016.7	1014.0	1015.7	1016.3	1014.0	1011.5	1013.1	1010.0
26	1015.3	1015.4	1013.6	1014.6	1014.8	1011.8	1014.3	1014.9	1012.5	1011.2	1011.8	1010.6
27	1013.2	1013.2	1011.7	1012.3	1012.6	1011.0	1012.3	1013.2	1012.3	1010.2	1011.3	1010.6
28	1012.1	1013.0	1009.6	1012.0	1013.0	1009.7	1012.3	1013.0	1010.8	1011.3	1011.8	1010.7
29	1009.1	1011.0	1010.4	1010.9	1011.3	1010.8	1009.4	1010.8	1010.2	1014.2	1011.4	1010.0
30	1013.0	1013.1	1010.3	1012.5	1012.6	1010.2	1012.2	1012.3	1010.1	1010.9	1010.7	1008.1
31												
Av.	1010.5	1011.3	1009.5	1010.2	1011.0	1009.2	1010.4	1011.2	1009.6	1009.8	1010.4	1008.8

* Values obtained from barograph

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WEATHER BUREAU

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY.

AIR SERVICES

METEOROLOGICAL OBSERVATIONS

for

MAY 1964

~~127 870~~

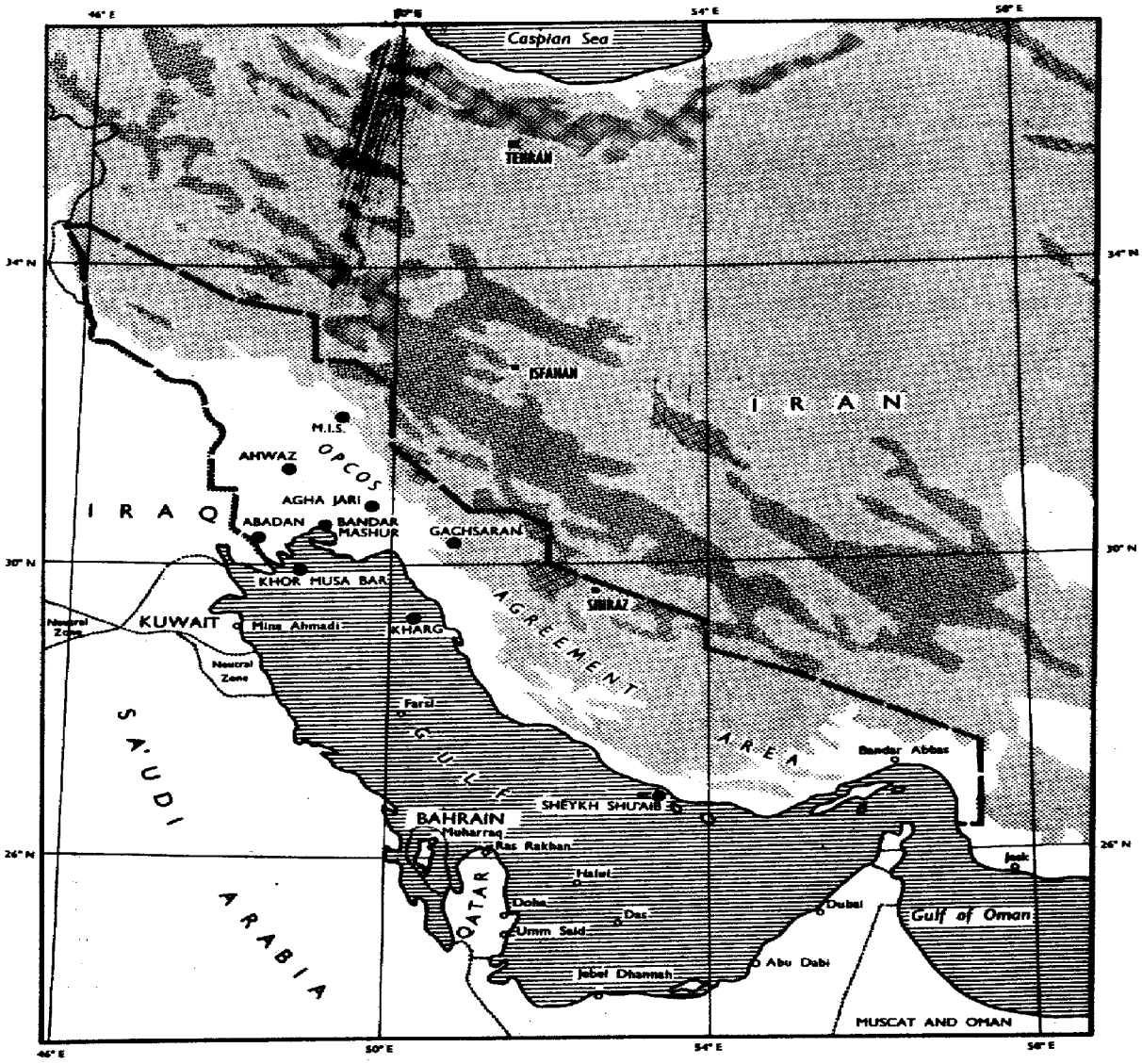
168.

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

Mec. Form No. 1

WEATHER BULLETIN

May 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 (IOE&PC 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
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	33
Khor Musa (Instrument platform) 4)	-	30°00' N	49°02' E	6 m.	38

1) Int. Synoptic and Aeronaut. Stn.
2) Int. Synoptic Stn.
3) Climat. and Aeronautical Stn.
4) Wind recording only.

REMARKS.

See "Remarks" in the January 1964 bulletin.

WEATHER.

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

Concerning the observation periods on which the climatological averages are based, see the April 1964 bulletin.

	Maximum Temp. °C	Minimum Temp. °C	Sun Maximum Temp. °C	Ground Min. Temp. °C	Sea Temperature °C	May Rainfall % of normal	Rainfall 63-64 Season. % of normal	Relative Humidity Average of day. %	Station Pressure 0930. mb	Total Rainfall 1963-64 season mm
Masjid-i-Sulaiman	+0.7	+0.7	+1.2	+0.3		0	64	-10	+1.1	209.4
Agha Jari	+2.2	-1.6				0	24	-11	+1.0	44.4
Gach Saran	+2.3	+1.8	+1.7	+1.3		0	66	-15	+1.5	185.8
Ahwaz	+2.8	+1.8				0	34			48.6
Abadan	+1.1	+0.1				0	26		+0.7	45.0
Bandar Mashur	+1.0	+0.2				0	23		+1.1	40.6
Kharg Island	+1.6	+0.1		+1.4		0	54	-19	+0.9	178.3
Sheikh Shu'aib	+2.8	+0.7	+1.5	+0.1	-1.7	0	184	- 9	-0.5	179.0

OPTICAL PHENOMENA.

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

Date	Station	Time	Type	Remarks	Clouds
5th	Masjid-i-Sulaiman	0910	solar		8/8 Cirrostratus
6th	Gach Saran	1230	"		7/8 "
24th	Masjid-i-Sulaiman	1415	"		7/8 " , 1/8 Cumulus
25th	Abadan	1119	"		6/8 "
26th	Agha Jari	1525	"	upper part	8/8 "
27th	" "	0930	"	"	8/8 "

EARTHTREMORS ETC.

No earthtremors were reported during the month.

T. Bergquist

T. Bergquist
Meteorologist
IMCOS Ltd.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month : May 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	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	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	Maximum Wind Velocity: Velocity kts.	Maximum Wind Velocity: Direction degr.	Maximum Wind Velocity: Date
Masjid-i-Suleiman	37.9	43.3	31	22.9	14.6	2	18.2	9.2	3			76.4	16	Tr.	Tr.	27	968.1	971.1	3	963.6	6	14	8	24	32.3	6.3	37	250	22
Agha Jari	41.1	46.1	22	20.8	12.5	2	18.9	9.7	4					0.0	0.0	-	1006.3	1010.5	3	1002.4	6	15	7	28		7.6	36	350	23
Gach Saran	36.8	41.6	22	17.0	7.2	2	16.5	6.2	2			75.0	16	Tr.	Tr.	6	929.2	931.4	3	926.6	28	12	5	25		4.9			
Ahwaz	40.1	45.7	22	21.0	13.5	2	18.8	12.4	3					0.0	0.0	-	1006.6	1010.8	3	1002.0	6	16	10	36		8.9			
Abadan	39.4	45.1	22	21.5	12.7	3	19.6	10.2	3					0.0	0.0	-	1009.1	1013.5	18	1003.6	6	24	12	44		10.3			
Bandar Mahshur	38.8	45.0	22	22.0	13.6	2	21.0	12.2	2					0.0	0.0	-	1008.3	1012.8	3	1004.0	6	30	15	49		13.1			
Kharg Island	34.9	42.5	25	23.8	18.4	4	22.4	16.2	4					0.0	0.0	-	1008.2	1012.9	3	1004.9	31	44	27	64		17.5			
Sheikh Shu'aib	35.8	42.7	9	23.7	20.2	3	20.8	16.8	4	25.3	70.9	76.2	9	0.0	0.0	-	1006.9	1010.3	3	1003.4	29	59	47	75		23.2	11	310	11
Khor Musa																											40	340	

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-Suleiman	2.4	21	7	0	0	0	0	0	0	0	2	0	1	9	15	4	0	2	0	0	0	0	23	8	0	0	0	12	17	2	0	0
Agha Jari	2.0	22	4	0	0	0	0	0	0	1	4	0	6	7	13	1	0	2	2	0	0	0	14	15	0	0	0	17	10	0	0	0
Gach Saran																																
Ahwaz	1.5	25	1	0	0	0	0	0	0	1	2	0	1	12	15	1	0	2	2	0	0	0	9	19	3	0	0	1	13	2	0	0
Abadan	2.3	21	9	0	0	0	0	0	0	0	7	0	2	11	8	3	0	3	3	1	1	1	18	13	0	0	0	16	13	1	0	0
Bandar Mahshur	2.4	20	6	0	0	0	0	0	0	0	10	0	3	3	6	8	1	6	1	3	0	0	20	11	0	0	0	1	16	1	0	0
Kharg Island	1.7	24	4	0	0	0	0	0	0	0	5	0	1	12	7	5	1	2	1	1	0	0	23	8	0	0	0	14	16	1	0	0
Sheikh Shu'aib	1.3	24	3	0	0	0	0	0	0	0	2	0	0	17	8	4	0	2	1	0	0	0	30	1	0	0	0	3	23	5	0	0
Khor Musa	0.6	29	0	0	0	0	0	0	0	0	1	1	1	13	13	1	1	1	0	1	0	0	31	0	0	0	0	6	24	1	0	0

Met. Form 2

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : May 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	17.0	13.0	9.3	11.8	61	968.7	–	0	2	20	26.2	13.3	-2.7	5.0	15	970.4	250	6	0	30	1
2	16.1	8.9	-1.0	5.7	31	969.5	–	0	0	10	27.4	13.0	-6.8	3.5	10	969.6	–	0	0	10	2
3	16.3	8.8	-1.6	5.4	29	969.8	–	0	0	15	29.0	13.4	-8.9	2.9	7	970.9	280	2	0	7	3
4	18.0	10.3	0.6	6.4	31	969.7	–	0	0	30	31.5	14.6	-8.1	3.1	7	970.6	280	10	0	35	4
5	19.6	11.0	0.3	6.3	28	969.0	–	0	7	15	32.0	15.4	0.1	6.2	13	968.9	150	5	6	30	5
6	27.6	13.3	-5.6	3.9	11	964.0	090	5	7	30	34.1	16.3	-4.1	4.5	8	963.2	180	15	8	10	6
7	23.8	14.7	6.2	9.5	32	967.3	–	0	0	6	33.6	17.0	0.4	6.3	12	967.6	190	10	0	10	7
8	27.0	14.0	-1.2	5.6	16	969.1	–	0	0	10	36.3	17.1	-4.6	4.2	7	968.0	240	10	0	15	8
9	25.4	15.8	7.3	10.3	32	968.7	–	0	0	8	38.6	18.3	-2.9	4.8	7	968.8	–	0	0	20	9
10	30.5	17.1	5.0	8.8	20	968.3	270	3	6	10	35.2	19.1	5.8	9.2	16	970.2	270	8	8	15	10
11	26.8	17.0	9.2	11.6	33	967.3	–	0	1	20	35.8	19.6	6.7	9.9	17	968.4	280	12	0	6	11
12	19.1	10.8	0.6	6.4	29	968.2	–	0	0	4	31.4	14.8	-6.3	3.6	8	967.9	170	6	0	15	12
13	21.2	11.3	-1.3	5.5	22	967.2	–	0	0	15	31.9	14.8	-7.7	3.2	7	967.7	200	4	0	10	13
14	19.4	10.4	-1.4	5.5	24	969.3	–	0	0	15	34.2	16.1	-5.6	3.9	7	970.1	290	10	0	25	14
15	23.6	12.6	-0.5	5.9	20	968.7	–	0	1	20	36.0	16.4	-8.2	3.0	5	969.2	030	2	1	30	15
16	27.1	13.3	-4.4	4.3	12	967.1	080	2	1	25	40.5	18.1	-9.2	2.8	4	967.3	140	12	4	25	16
17	30.9	16.0	0.4	6.3	14	967.9	140	2	7	15	36.2	18.0	-0.1	6.1	10	970.2	240	5	7	15	17
18	23.0	11.9	-2.3	5.1	18	970.3	–	0	0	1.5	34.2	15.1	-14.4	2.0	4	969.9	260	6	0	20	18
19	22.6	13.7	4.7	8.6	31	967.9	–	0	0	3	35.7	16.7	-5.6	3.9	7	967.2	300	5	0	5	19
20	23.8	12.8	-0.3	6.0	20	965.1	–	0	0	10	38.2	17.3	-8.3	3.1	5	965.0	–	0	0	15	20
21	26.0	14.2	1.5	6.8	20	965.0	–	0	0	20	39.8	18.6	-3.9	4.5	6	965.6	140	2	0	25	21
22	28.5	15.2	1.1	6.6	17	965.7	270	2	0	15	40.9	19.6	-0.6	5.8	7	967.1	300	2	3	20	22
23	28.7	16.4	5.1	8.8	22	967.5	–	0	0	15	39.8	18.7	-3.2	4.7	6	969.2	290	14	7	20	23
24	30.4	17.1	5.2	8.9	20	967.9	–	0	1	12	40.6	19.3	-1.6	5.4	7	968.6	290	16	6	18	24
25	29.3	16.2	3.7	8.0	20	966.7	280	2	8	15	39.5	19.1	-0.7	5.8	8	966.7	270	12	8	8	25
26	30.3	16.3	2.6	7.4	17	966.1	290	8	8	10	39.1	20.0	4.0	8.2	12	965.7	300	6	5	15	26
27	29.9	18.3	9.7	12.1	29	966.2	–	0	8	3	36.8	19.7	5.8	9.3	15	966.0	090	6	8	12	27
28	26.7	16.4	7.6	10.5	30	965.3	–	0	0	20	39.6	18.6	-3.3	4.7	7	964.7	270	8	0	25	28
29	26.3	13.1	-3.5	4.6	13	964.7	270	6	0	6	38.5	18.0	-4.4	4.3	6	965.5	270	10	0	15	29
30	26.7	15.1	3.5	7.9	23	965.0	–	0	0	12	39.7	18.4	-4.6	4.2	6	963.9	280	8	0	15	30
31	33.8	17.5	1.8	7.0	13	964.4	060	12	0	30	41.5	20.3	1.7	7.0	9	964.6	030	10	2	30	31
Av.	25.1	14.0	2.0	7.3	24	967.3	–	1	2	14	35.9	17.3	-3.3	5.0	9	968.3	–	7	2	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 : May Year : 1964

Station : Masjid-i-Suleiman

Ground Level : 362 m. AMSL | Local Time : GMT + 3½ hrs. | Lat : 31°55' N. | Long : 49°16' E.

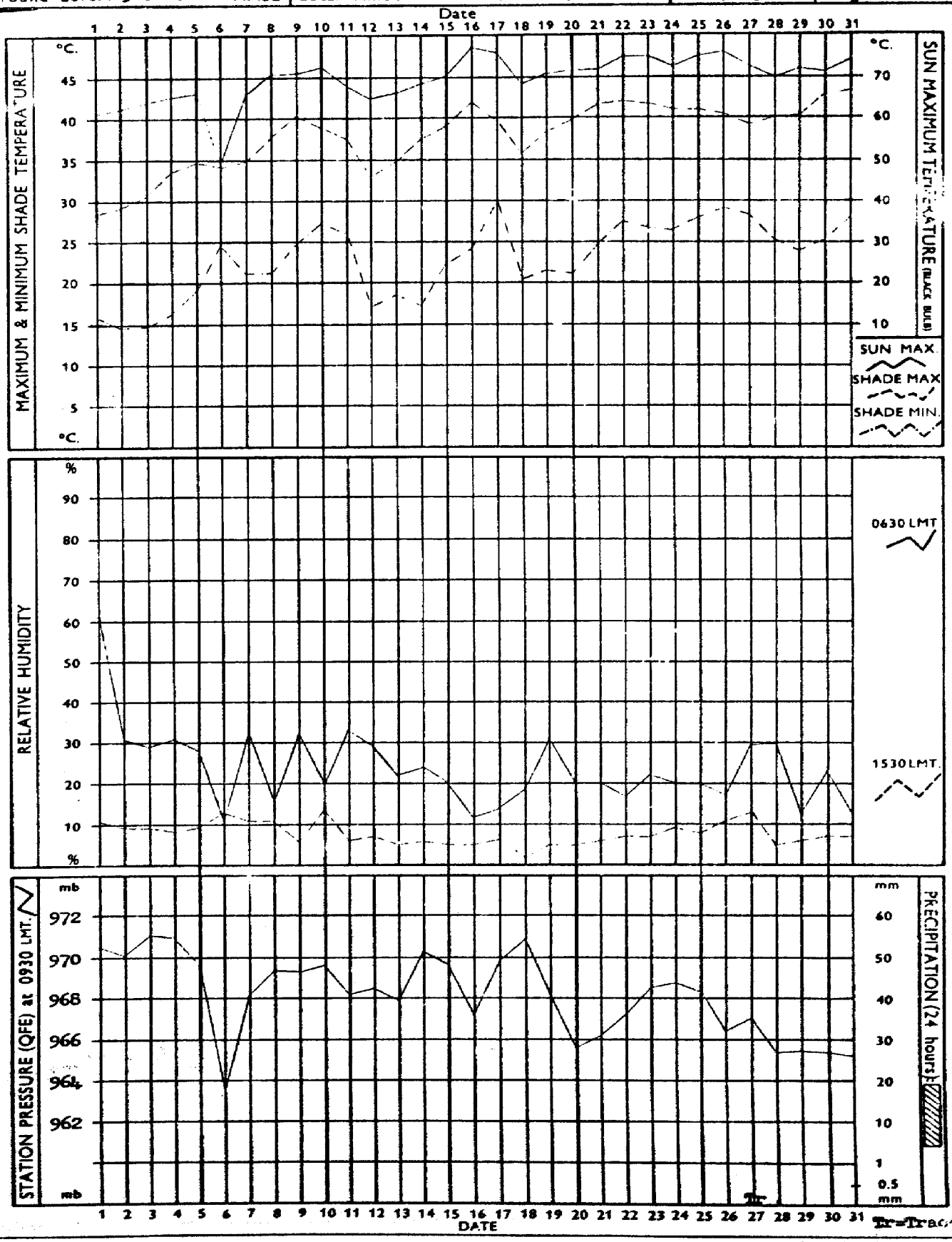
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
25.1	12.7	-3.1	4.8	15	968.3	290	10	0	10		28.4	16.1	12.8	61.2	240	18	0	Haze	1
27.0	12.4	-9.7	2.7	8	968.4	240	3	0	40		29.2	14.6	10.8	62.4	270	16	0	"	2
29.0	14.0	-5.3	4.0	10	969.0	260	5	0	30		30.8	14.8	9.2	64.0	200	13	0	"	3
30.6	14.8	-5.8	3.8	9	968.8	290	5	0	40		33.7	16.3	11.3	65.2	310	26	0	Clear	4
32.8	16.0	-3.0	4.8	10	965.4	–	0	6	40		34.7	19.0	15.1	66.2	150	13	0	Cloudy	5
30.3	15.4	-1.1	5.6	13	963.2	150	15	8	4		34.3	24.5	19.8	49.0	150	29	0	Dust	6
33.6	15.4	-8.9	2.9	6	965.9	210	10	0	10		35.0	21.2	19.1	66.0	150	21	0	Haze	7
36.0	17.4	-2.4	5.0	8	966.5	230	4	0	15		37.8	21.2	15.4	71.0	050	18	0	"	8
37.1	17.0	-7.4	3.3	5	966.9	290	5	6	35		40.2	24.7	20.4	71.2	270	21	0	"	9
35.2	18.9	5.1	8.8	15	967.7	310	15	8	10		38.9	27.2	21.4	72.6	300	28	0	"	10
33.1	14.6	-13.9	1.9	4	967.7	300	8	0	5		37.6	26.1	22.7	62.2	180	25	0	"	11
30.2	14.6	-4.7	4.2	10	966.1	220	4	0	25		33.0	17.1	13.5	65.0	210	14	0	"	12
32.7	15.7	-4.4	4.3	9	966.1	320	6	0	30		34.8	18.4	15.8	66.1	190	14	0	"	13
34.0	15.4	-10.0	2.7	5	968.6	280	10	0	30		27.4	17.2	12.6	68.7	280	24	0	Clear	14
36.1	16.6	-7.4	3.3	6	966.5	270	10	1	30		39.0	22.2	18.3	70.2	190	16	0	Fair	15
38.8	18.3	-3.3	4.7	7	966.4	190	10	7	5		41.9	24.1	18.7	77.4	200	22	0	Haze	16
35.0	15.5	-12.8	2.1	4	969.2	310	10	7	10		39.7	29.8	26.3	76.2	270	23	0	"	17
33.6	14.6	-17.0	1.4	3	968.0	270	6	0	40		35.8	20.2	15.2	68.5	250	17	0	Dust	18
34.6	16.4	-4.9	4.1	7	965.1	270	5	0	12		38.2	21.6	17.1	70.8	240	21	0	Haze	19
37.5	17.2	-6.7	3.5	5	963.0	240	3	0	20		39.7	21.1	16.3	71.8	250	14	0	"	20
39.6	18.0	-6.6	3.5	5	965.2	240	10	0	25		41.6	24.6	19.1	72.0	230	16	0	Clear	21
37.3	18.6	0.8	6.5	10	966.9	260	5	4	15		42.1	27.4	21.3	75.2	250	37	0	Fair	22
37.8	18.1	-2.4	5.0	8	968.4	–	0	7	25		41.8	26.7	21.4	75.1	270	27	0	P.Cloudy	23
38.0	18.6	-0.8	6.0	9	965.9	280	20	8	20		41.1	26.4	21.2	72.5	300	28	0	Cloudy	24
37.0	18.4	0.6	6.4	10	966.0	260	11	8	10		41.1	27.9	22.2	75.1	250	26	0	Haze	25
35.9	19.6	6.7	9.8	17	964.8	320	14	8	25		40.5	29.1	22.2	76.2	200	24	0	"	26
37.1	18.5	0.8	6.5	10	964.3	300	16	7	18		39.1	28.2	24.3	72.5	290	33	Tr.	Rain	27
37.2	16.8	-8.7	2.9	5	962.8	250	2	0	30		40.0	25.1	19.6	70.0	270	23	0	Clear	28
36.4	16.8	-6.7	3.5	6	963.9	270	11	0	10		40.1	23.9	19.0	72.2	300	24	0	Haze	29
38.8	20.0	4.4	8.4	12	962.6	250	12	1	20		42.9	25.1	20.2	71.5	270	30	0	Clear	30
40.0	19.2	-1.1	5.6	8	962.5	270	3	1	25		43.3	27.9	21.7	74.2	220	23	0	Fair	31
34.8	16.6	-4.3	4.5	8	966.8	–	8	3	22		37.9	22.9	18.2						Av.

CODE FOR REMARKS (continued)

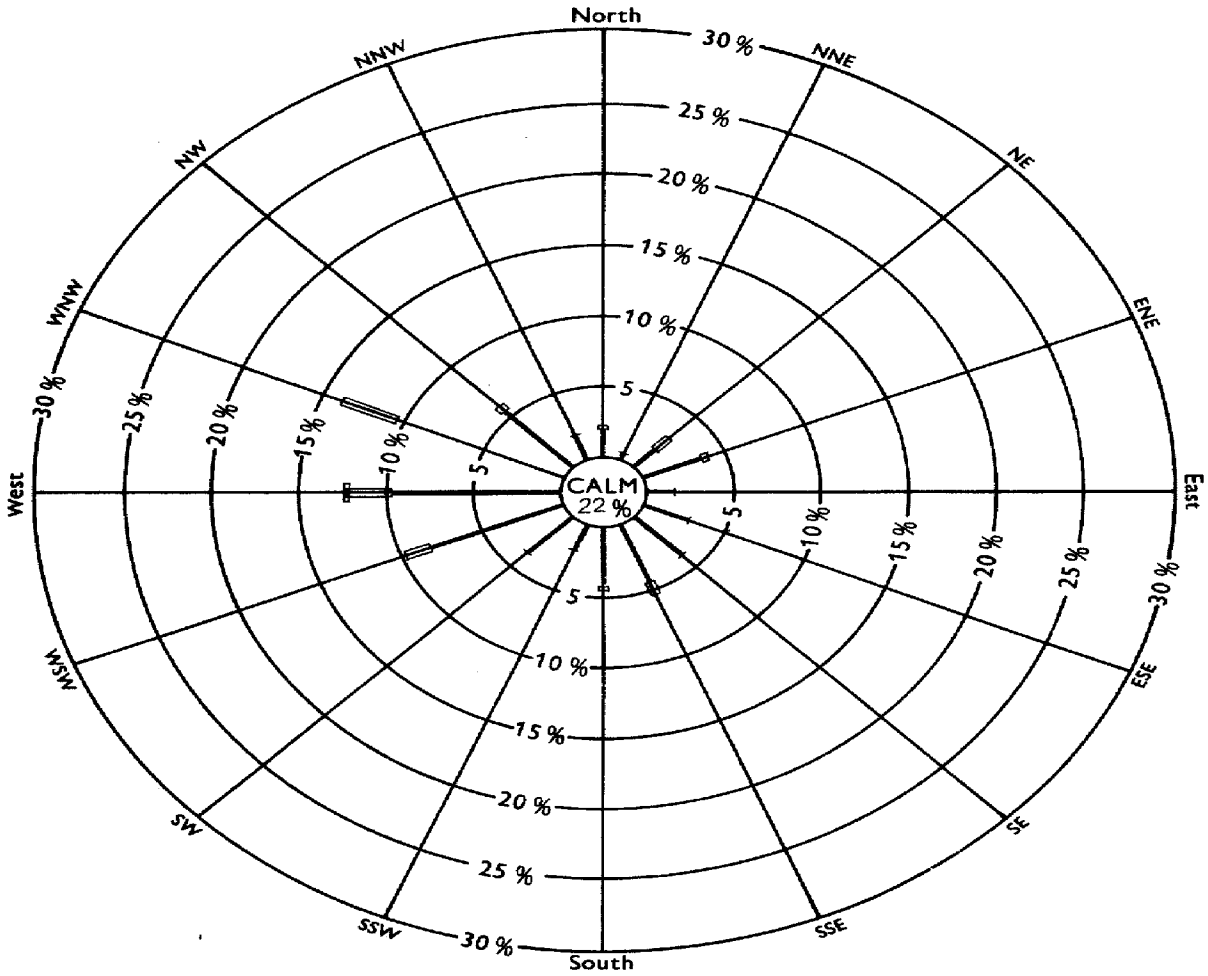
Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm : Thunderstorm at or near the station

Met. Form 3b

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

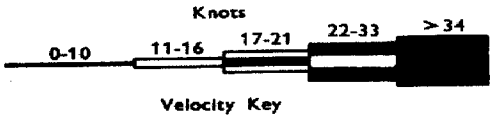


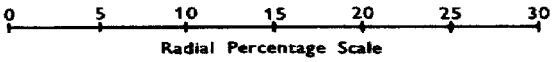
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : May	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Hours in month 744

Hours recorded 744





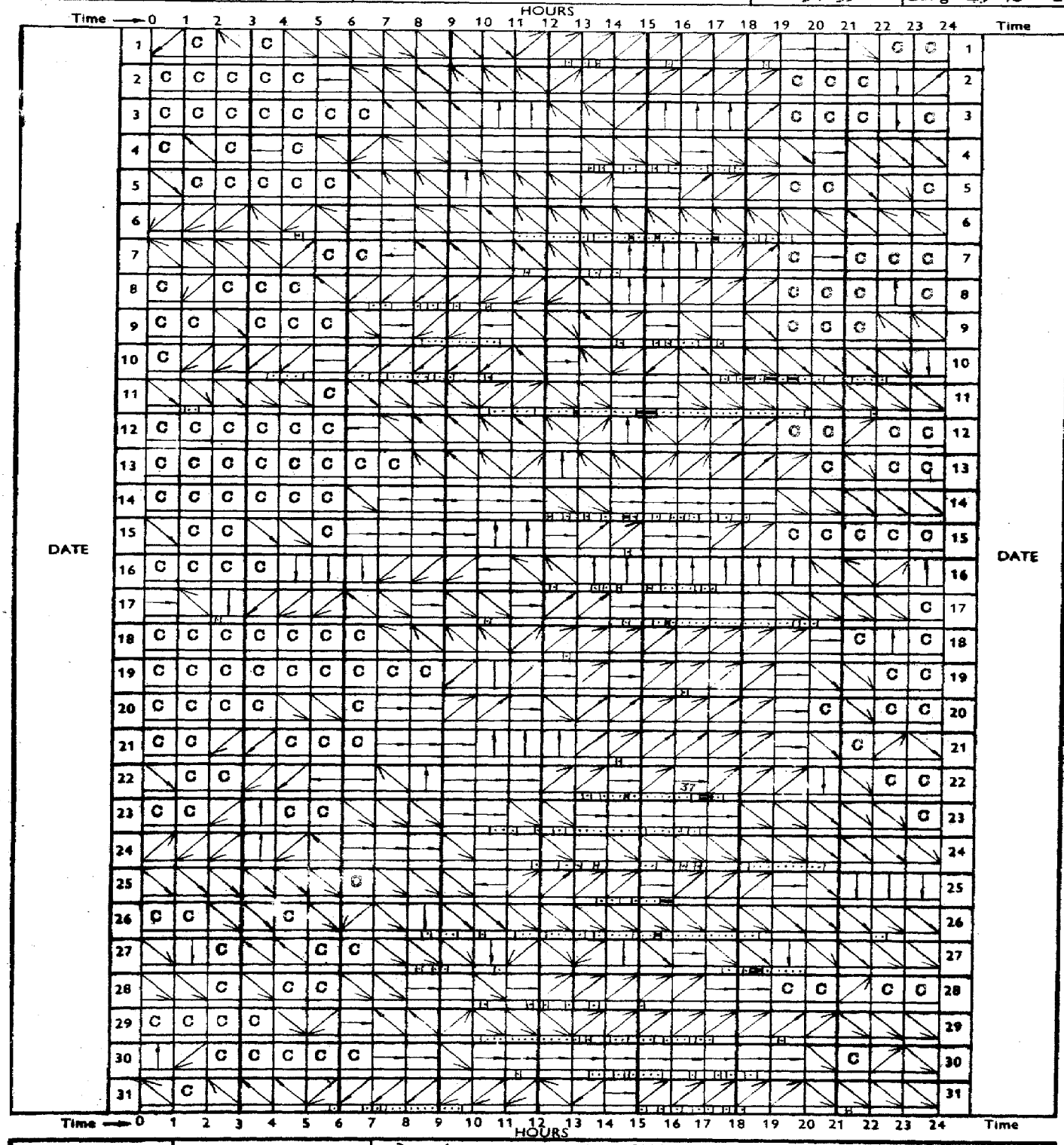
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 :

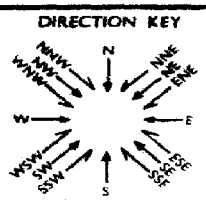
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : May	Year : 1964
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Masjid-i-Sulaiman	
		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 :

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : May 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	23.6	14.3	5.2	8.9	30	1007.6	320	10	7	15	30.8	14.7	-5.5	3.9	9	1009.2	330	15	6	15	1
2	13.9	8.0	-0.3	6.0	38	1009.6	320	4	0	40	29.1	14.2	-4.0	4.4	11	1009.3	310	6	0	20	2
3	14.2	8.2	-0.1	6.1	39	1009.4	–	0	0	30	30.5	14.8	-4.4	4.3	10	1010.3	300	10	0	30	3
4	14.5	7.8	-1.9	5.3	32	1008.8	–	0	0	40	36.7	16.9	-7.2	3.4	6	1008.3	290	10	0	40	4
5	19.2	10.3	-1.6	5.4	24	1007.9	320	2	6	20	36.5	16.6	-8.4	3.0	5	1007.6	300	6	1	40	5
6	21.3	10.5	-4.9	4.1	16	1002.7	130	2	6	30	37.9	18.9	1.1	6.6	10	1001.8	180	30	8	4	6
7	20.1	12.7	5.1	8.8	37	1005.8	–	0	0	10	35.4	17.5	-0.9	5.7	10	1006.7	200	6	0	8	7
8	23.0	13.0	1.7	7.0	25	1007.4	–	0	6	10	39.5	19.4	0.6	6.4	9	1006.4	360	5	2	10	8
9	25.7	14.7	3.7	8.0	24	1006.5	–	0	0	10	41.4	21.6	6.9	10.0	13	1006.5	290	4	0	15	9
10	32.0	18.5	7.7	10.5	22	1005.4	–	0	6	10	43.0	21.9	6.1	9.4	11	1006.4	360	18	2	10	10
11	25.7	19.4	15.4	17.5	53	1005.3	340	4	3	8	39.5	20.7	6.1	9.4	13	1005.8	320	27	5	4	11
12	18.8	10.4	-0.6	5.9	27	1008.1	320	8	0	6	32.2	15.4	-5.0	4.1	9	1007.3	340	10	0	30	12
13	18.4	11.6	4.1	8.2	39	1006.5	300	2	0	20	33.8	16.2	-4.0	4.4	8	1007.0	310	2	0	30	13
14	16.5	8.1	-4.9	4.1	22	1007.4	–	0	0	30	39.7	17.0	-17.2	1.3	2	1007.5	340	10	0	30	14
15	21.7	11.4	-1.7	5.3	20	1006.9	–	0	0	30	39.8	18.1	-7.2	3.4	5	1006.5	320	4	0	30	15
16	22.0	10.6	-6.1	3.7	14	1004.9	–	0	0	20	43.8	20.4	-1.8	5.3	6	1005.3	170	10	2	20	16
17	24.8	13.0	-1.2	5.5	18	1006.9	–	0	5	20	44.0	20.0	-4.5	4.2	5	1007.7	300	6	4	12	17
18	20.2	11.2	0.0	6.1	26	1008.9	330	6	3	8	36.0	16.3	-9.4	2.8	5	1009.0	330	12	0	30	18
19	19.7	12.2	4.2	8.3	36	1007.3	–	0	0	20	36.8	18.1	-0.6	5.8	9	1005.8	290	7	0	15	19
20	20.2	10.0	-4.8	4.1	17	1003.4	–	0	0	20	39.8	18.4	-5.0	4.1	6	1003.2	330	2	0	20	20
21	20.8	11.6	0.3	6.3	26	1002.9	–	0	0	30	41.9	19.4	-3.8	4.5	6	1003.3	–	0	0	30	21
22	23.4	14.2	5.2	8.9	31	1003.1	–	0	0	30	45.0	20.8	-2.2	5.1	5	1004.3	320	8	2	30	22
23	25.6	14.0	1.4	6.8	21	1004.8	–	0	0	10	43.8	20.3	-2.4	5.0	6	1005.7	350	22	0	10	23
24	27.8	15.7	4.0	8.2	22	1004.9	–	0	1	10	43.5	20.0	-3.4	4.6	5	1004.7	330	15	7	15	24
25	35.4	17.9	0.8	6.5	11	1003.4	100	6	0	10	43.8	21.1	1.7	6.9	8	1003.7	020	5	3	10	25
26	27.6	16.2	6.0	9.4	26	1002.8	–	0	7	10	42.3	20.9	3.0	7.6	9	1003.5	–	0	6	10	26
27	28.0	17.1	8.1	10.8	29	1003.5	–	0	8	4	41.7	22.0	7.9	10.7	13	1002.5	360	15	8	8	27
28	26.0	16.2	7.8	10.6	32	1001.7	–	0	0	15	42.4	21.6	5.8	9.3	11	1002.1	330	18	0	10	28
29	24.4	15.5	7.6	10.5	35	1003.7	–	0	0	10	43.0	23.1	10.1	12.4	14	1002.8	310	14	0	10	29
30	25.4	15.9	7.6	10.5	32	1002.8	360	2	0	20	40.2	21.9	9.2	11.7	16	1002.7	280	6	0	30	30
31	23.0	14.1	5.3	9.0	32	1002.7	–	0	0	10	43.1	22.4	7.7	10.5	12	1002.3	290	8	1	15	31
Av.	22.7	13.0	2.4	7.6	28	1005.6	–	2	2	18	39.3	19.1	-1.0	6.1	9	1005.6	–	10	2	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 : May Year : 1964

Station : Agha Jari

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

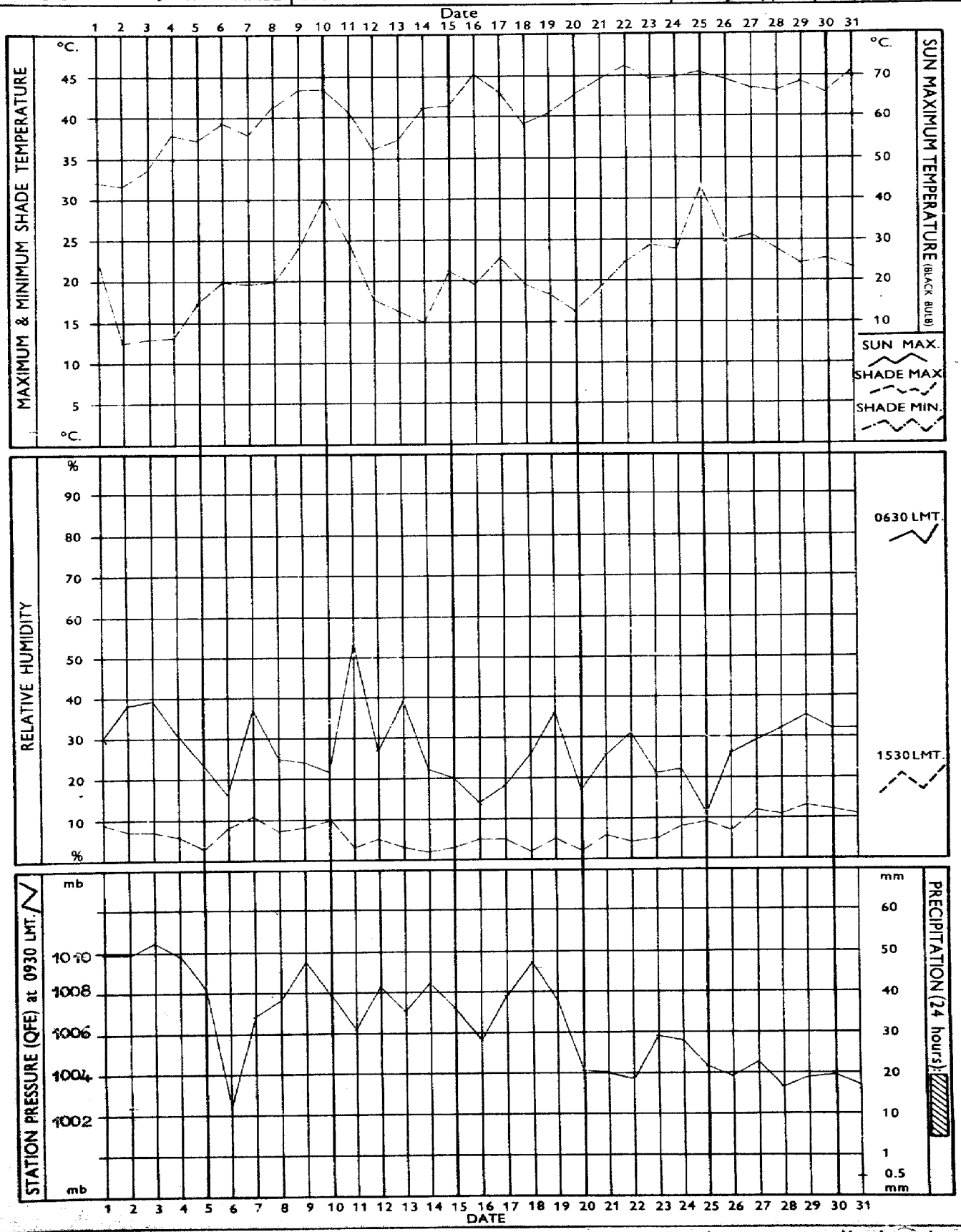
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
29.3	14.0	-5.9	3.8	9	1007.0	310	15	0	15		32.1	22.3	15.0		350	25	0	P.Cloudy	1
30.4	14.4	-6.4	3.6	8	1007.8	300	8	0	20		31.7	12.5	10.8		360	20	0	Clear	2
32.2	14.8	-8.7	3.0	6	1007.4	310	8	0	40		33.7	12.9	9.8		350	14	0	"	3
34.4	16.4	-4.4	4.3	8	1006.7	320	10	0	30		37.8	13.0	9.7		310	25	0	"	4
35.1	15.8	-10.4	2.6	5	1003.2	310	8	1	40		37.2	17.3	14.0		270	20	0	P.Cloudy	5
31.1	18.0	7.1	10.1	22	1002.9	150	12	8	5		39.3	19.9	17.3		180	30	0	Sandst.	6
35.9	17.5	-1.8	5.3	9	1004.5	310	5	0	30		38.0	19.6	17.9		270	12	0	Haze	7
39.3	19.5	1.6	6.9	10	1004.1	230	8	0	30		41.1	19.9	17.5		240	18	0	"	8
37.5	20.0	6.1	9.4	14	1004.1	250	16	7	30		43.4	24.0	21.0		270	20	0	"	9
40.8	21.3	6.5	9.7	13	1003.6	340	8	4	15		43.5	30.0	27.8		360	26	0	"	10
35.8	15.6	-15.0	1.7	3	1005.2	330	34	X	0.3		40.6	24.6	22.9		330	34	0	Sandst.	11
33.0	15.5	-6.2	3.6	7	1003.5	280	10	0	30		36.0	17.6	15.8		340	21	0	Haze	12
35.0	16.2	-7.1	3.4	6	1004.6	300	5	0	30		37.1	16.3	14.6		280	12	0	Clear	13
37.2	16.3	-14.4	1.8	3	1006.0	330	12	0	30		41.0	15.0	13.1		340	27	0	"	14
39.5	17.6	-10.0	2.7	4	1003.9	320	6	0	30		41.4	21.2	19.4		320	17	0	"	15
39.4	18.3	-4.9	4.1	6	1004.6	180	6	4	20		45.2	19.6	17.9		190	18	0	P.Cloudy	16
38.0	17.5	-6.3	3.6	5	1006.4	350	26	X	0.3		43.1	22.8	20.6		340	28	0	Sandst.	17
35.6	16.2	-8.7	3.0	5	1006.4	300	12	0	12		39.0	19.5	18.3		300	20	0	Haze	18
37.5	16.4	-14.5	1.8	3	1002.5	300	10	0	20		40.4	18.3	17.1		330	15	0	"	19
40.3	17.7	-12.2	2.2	3	1000.5	270	7	0	30		42.6	16.3	15.4		320	13	0	Clear	20
42.5	19.8	-2.6	5.0	6	1001.6	–	0	0	30		44.5	19.2	18.0		310	9	0	"	21
43.0	19.5	-5.4	3.9	5	1003.0	320	10	1	30		46.1	22.2	20.2		350	28	0	Fair	22
41.1	19.2	-2.9	4.8	6	1004.4	330	10	0	10		44.7	24.4	23.0		350	36	0	Haze	23
41.6	19.6	-1.8	5.3	7	1002.8	330	14	8	10		44.8	23.7	22.7		340	24	0	"	24
41.2	20.7	3.8	8.1	10	1002.3	350	15	8	8		45.5	31.4	29.4		330	21	0	"	25
40.3	20.4	3.9	8.1	11	1001.4	260	15	6	6		44.6	24.8	24.4		320	17	0	"	26
40.8	21.5	7.2	10.2	14	1000.9	320	10	8	8		43.5	25.6	25.2		360	20	0	Dust	27
39.9	21.0	6.6	9.8	13	1000.5	320	22	0	2.5		43.1	23.9	23.2		290	25	0	Haze	28
40.4	22.5	10.8	13.0	17	1001.7	310	16	0	10		44.2	22.1	21.0		300	24	0	"	29
41.0	21.2	6.0	9.4	12	1000.2	270	8	0	30		42.8	22.6	21.2		310	24	0	Clear	30
42.6	22.2	7.7	10.5	12	1000.2	280	10	0	10		45.5	21.6	20.8		280	23	0	Haze	31
39.8	18.3	-2.7	5.6	8	1003.7	–	11	2	20		41.1	20.8	18.9						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

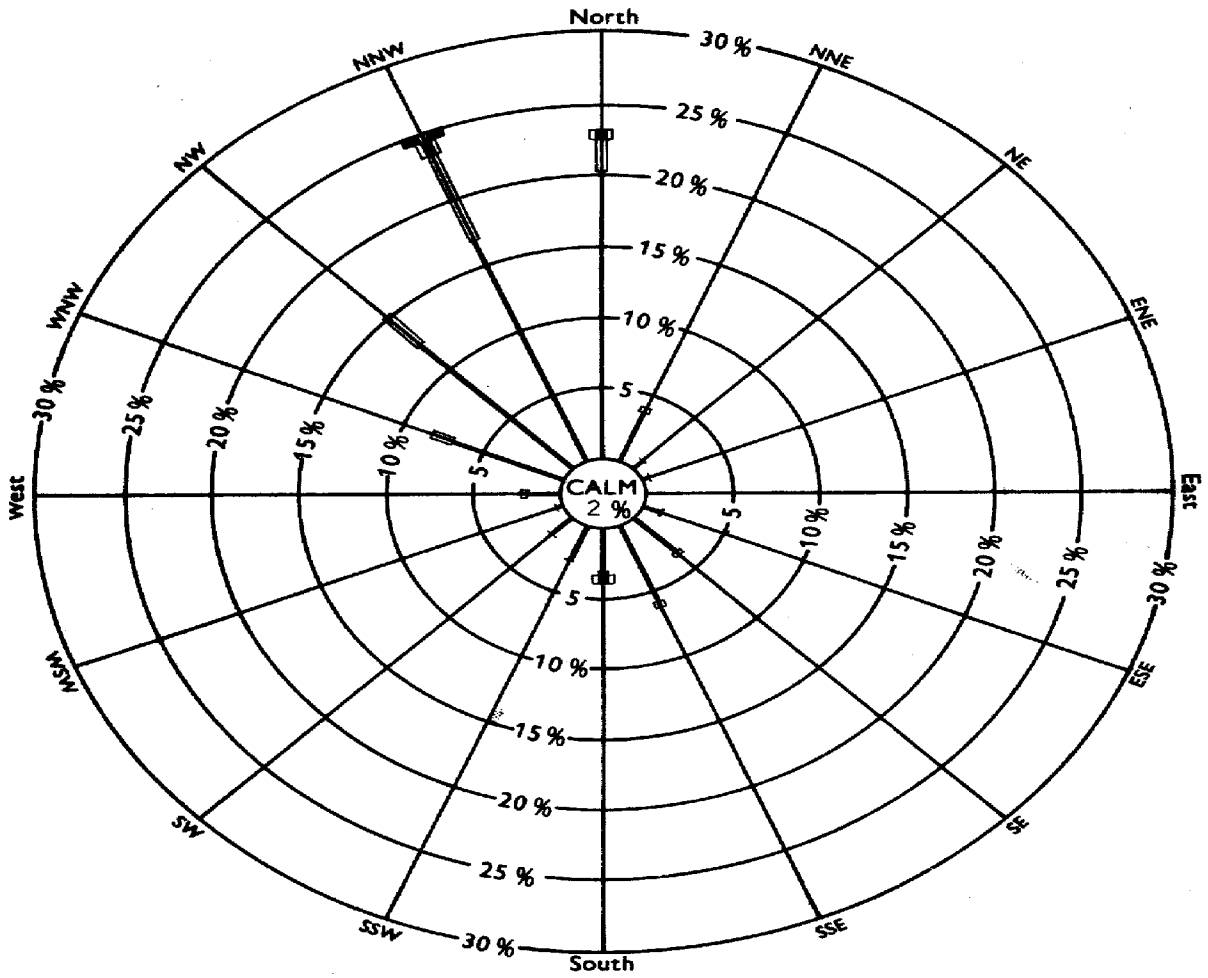
Met. Form 3b

IRANIAN OIL OPERATING COMPANIES	CLIMATOLOGICAL GRAPH	Month : May	Year : 1954
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°42' N.	Long : 49°30' E.



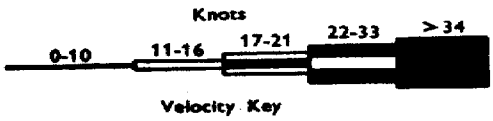
Met. Form 4

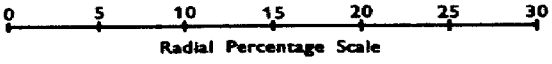
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : May	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Hours in month 744

Hours recorded 735



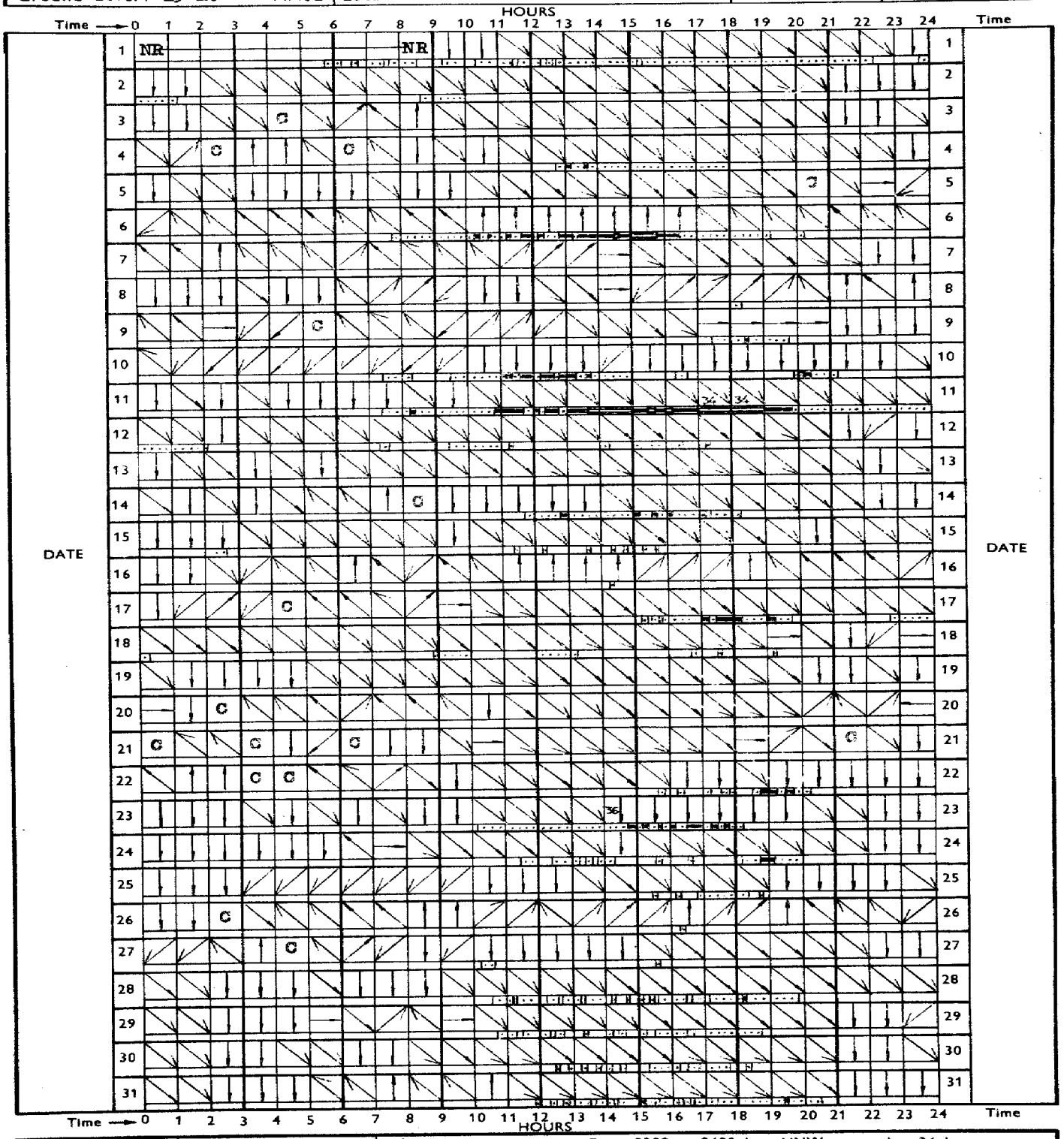


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 : The wind directions NW, NNW and N constitute together 63.4% of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : May	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°41' 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 :

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : May 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			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	22.7	13.2	3.0	7.6	28	928.1	220	8	8	12	25.9	13.2	-2.3	5.0	15	929.4	310	5	8	12	1
2	8.6	4.8	-1.1	5.6	50	928.9	-	0	0	12	25.4	11.4	-11.7	2.3	7	929.3	280	6	0	20	2
3	9.7	3.6	-8.3	3.0	25	929.7	-	0	0	30	28.0	12.5	-12.5	2.1	6	930.7	030	7	0	30	3
4	11.8	5.0	-7.3	3.3	24	930.6	-	0	0	30	30.4	13.2	-16.4	1.5	3	930.3	250	8	0	40	4
5	15.8	8.0	-3.8	4.5	25	930.0	-	0	3	20	32.5	13.6	-25.8	0.6	1	929.1	330	15	0	20	5
6	19.4	10.3	-1.8	5.2	23	927.2	-	0	7	20	34.5	16.4	-4.6	4.2	8	926.6	250	5	7	20	6
7	17.5	11.6	5.3	8.9	45	928.6	-	0	0	20	32.5	15.0	-8.3	3.1	6	929.0	310	6	0	20	7
8	16.1	8.0	-4.4	4.2	23	930.3	-	0	0	20	33.6	15.5	-8.0	3.1	6	930.0	210	6	3	20	8
9	20.1	11.8	2.3	7.2	31	930.2	-	0	0	10	35.1	18.1	2.2	7.2	13	930.0	-	0	0	12	9
10	24.8	12.6	-2.8	4.9	16	929.2	-	0	4	14	38.3	17.1	-10.4	2.5	4	929.1	270	17	4	20	10
11	23.5	13.7	3.5	7.8	27	928.3	-	0	3	12	37.7	18.0	-2.7	4.9	8	927.9	280	7	6	12	11
12	18.3	9.4	-3.3	4.7	22	928.0	-	0	0	1.5	31.6	14.0	-13.7	1.9	4	927.7	270	10	0	7	12
13	14.1	7.4	-2.6	5.0	31	928.0	-	0	0	15	31.7	13.0	*	0.1	0.2	928.2	280	12	0	25	13
14	14.7	7.0	-5.4	3.9	23	929.5	-	0	0	25	34.1	14.9	-15.6	1.6	3	930.0	320	2	0	30	14
15	16.9	7.2	-11.1	2.4	12	929.6	-	0	0	20	35.2	15.0	-21.1	0.9	2	929.3	310	6	0	30	15
16	20.0	9.7	-5.6	3.9	17	929.5	-	0	0	20	38.0	17.2	-8.3	3.1	5	929.9	-	0	2	20	16
17	22.0	11.4	-2.4	5.0	19	930.5	-	0	2	20	38.0	17.5	-6.2	3.6	5	930.8	270	4	2	15	17
18	20.0	11.6	1.7	7.0	30	930.7	-	0	1	1	34.2	15.1	-13.6	1.9	4	930.3	250	18	0	8	18
19	16.1	7.5	-6.7	3.5	19	928.7	-	0	0	15	34.0	14.3	-25.9	0.6	1	927.3	270	18	0	20	19
20	18.6	10.0	-1.5	5.4	25	926.2	-	0	0	15	35.5	15.3	-17.8	1.3	2	926.1	300	13	0	20	20
21	19.8	10.4	-2.2	5.1	22	926.9	-	0	0	20	38.6	17.5	-7.9	3.2	5	927.0	290	10	0	20	21
22	21.4	11.4	-1.3	5.5	22	928.0	-	0	0	20	40.4	18.0	-9.7	2.7	4	928.2	280	13	1	20	22
23	25.6	13.0	-2.7	4.9	15	928.6	100	4	0	20	39.8	18.3	-5.6	3.8	5	929.1	300	18	0	20	23
24	23.4	13.5	3.0	7.6	26	929.0	-	0	4	20	38.5	17.9	-5.0	4.0	6	928.7	270	10	7	20	24
25	22.7	12.6	0.9	6.5	24	927.8	-	0	1	12	38.4	18.4	-2.1	5.2	8	928.1	360	6	8	15	25
26	22.8	13.8	4.7	8.6	31	927.7	-	0	1	10	37.9	18.1	-2.7	4.9	7	927.5	240	10	2	14	26
27	22.5	13.0	2.7	7.4	27	927.7	-	0	5	10	36.8	17.0	-6.7	3.5	6	926.7	270	14	7	10	27
28	21.8	13.0	3.7	8.0	30	925.8	-	0	0	8	35.5	17.0	-3.5	4.6	8	925.1	240	8	1	15	28
29	22.0	11.5	-2.1	5.2	20	926.0	-	0	0	8	36.8	16.1	-14.6	1.7	3	926.1	300	16	0	12	29
30	22.1	12.6	1.8	7.0	26	926.4	-	0	0	8	35.4	16.1	-9.0	2.8	5	925.9	270	10	0	2	30
31	21.9	12.1	0.3	6.3	24	926.3	-	0	0	15	37.9	17.5	-6.1	3.7	6	926.1	270	10	1	20	31
Av.	19.2	10.4	-1.4	5.6	25	928.5	-	0	1	16	34.0	15.9	-9.8	3.0	5	928.4	-	10	2	19	Av.

* Not possible to calculate these values.

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 : May Year : 1964

Station : Gach Saran

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

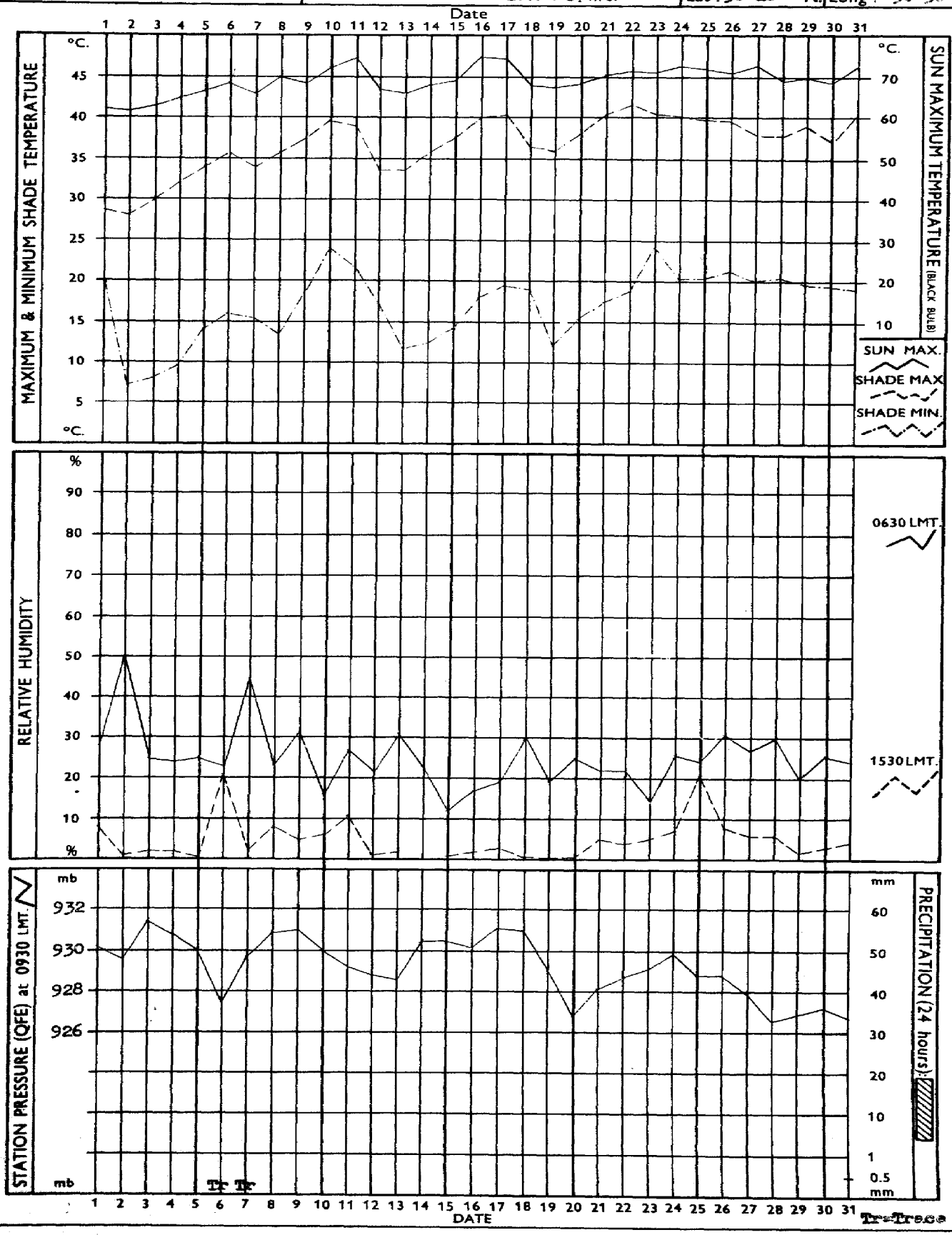
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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
25.3	11.0	-15.0	1.7	5	927.6	260	8	0	20		28.5	20.0	18.7	62.0			0	P.Cloudy	1
24.8	10.6	-16.3	1.5	5	929.1	270	10	0	20		28.0	7.2	6.2	61.5			0	Clear	2
27.4	11.2	-29.5	0.4	1	928.4	260	10	0	40		30.0	8.1	8.1	63.0			0	"	3
28.7	12.7	-13.9	1.9	5	928.7	280	15	0	12		32.2	9.5	9.5	65.0			0	"	4
30.8	13.0	-22.7	0.8	2	926.2	260	8	0	40		34.0	14.1	13.3	66.5			0	Fair	5
28.7	14.5	-2.1	5.2	13	927.3	180	10	8	14		35.7	16.0	15.5	68.7			Tr.	Th.storm	6
30.0	13.6	-10.6	2.5	6	927.7	270	9	0	15		34.0	15.4	14.6	66.0			Tr.	Clear	7
33.2	15.0	-3.9	4.4	9	928.4	270	7	3	20		35.8	13.5	13.0	70.0			0	Fair	8
35.0	16.1	-7.8	3.2	6	928.1	270	10	1	15		37.5	18.5	18.1	68.5			0	Haze	9
35.8	17.2	-3.0	4.8	8	927.9	280	15	3	20		39.5	24.0	22.7	72.5			0	P.Cloudy	10
33.6	16.6	-1.7	5.3	10	927.0	290	12	2	2		39.0	21.7	20.8	74.5			0	Haze	11
29.7	12.7	-19.4	1.1	3	926.6	270	16	0	20		33.8	17.2	16.5	67.0			0	Dust	12
30.6	13.1	-19.4	1.1	3	927.3	250	10	1	23		33.6	11.8	11.2	66.0			0	Clear	13
32.4	12.9	*	*	*	929.0	300	10	0	30		35.8	12.4	11.7	68.2			0	"	14
33.5	14.3	-20.7	1.0	2	927.6	270	10	0	15		37.5	14.2	13.5	69.2			0	"	15
35.4	15.0	-9.8	2.7	5	929.1	270	7	1	12		40.0	18.0	17.4	75.0			0	Fair	16
35.0	16.5	-5.1	4.0	7	929.7	270	10	1	7		40.5	19.4	18.8	74.4			0	Haze	17
30.9	12.8	-50.2	0.3	0.7	929.0	260	16	0	20		36.9	19.1	19.1	68.0			0	Dust	18
32.3	13.7	-22.3	0.8	2	926.0	270	16	0	20		36.1	12.4	11.8	67.7			0	Clear	19
34.8	14.8	-21.7	0.9	2	924.7	270	10	0	20		38.1	15.4	14.5	68.5			0	"	20
36.4	16.8	-6.8	3.5	6	926.0	280	12	0	20		40.4	17.5	17.1	70.5			0	"	21
36.7	17.0	-6.4	3.6	6	926.9	270	18	0	20		41.6	18.7	18.5	71.5			0	"	22
37.0	17.8	-2.6	4.9	8	927.8	280	20	0	15		40.5	24.3	22.8	71.0			0	"	23
36.5	18.0	-0.6	5.8	9	926.9	-	0	7	20		40.0	20.1	19.6	72.8			0	Cloudy	24
36.4	20.0	7.3	10.3	17	926.5	310	8	5	15		39.8	20.2	19.9	72.0			0	P.Cloudy	25
35.0	17.6	0.3	6.3	11	926.7	270	10	5	8		39.5	21.3	20.7	71.2			0	Haze	26
34.6	16.7	-3.2	4.7	9	925.3	250	15	7	7		38.0	20.0	19.1	73.0			0	"	27
34.1	15.1	-13.2	2.0	4	923.8	280	16	0	8		37.7	20.5	20.4	69.2			0	"	28
34.5	15.0	-16.6	1.4	3	925.1	280	15	0	12		39.0	19.8	19.2	70.0			0	"	29
33.1	15.7	-5.4	3.9	8	924.5	250	14	0	8		37.2	19.4	18.8	68.6			0	"	30
36.4	15.8	-16.1	1.5	2	924.8	260	14	2	15		40.2	19.0	19.0	72.7			0	"	31
32.9	15.0	-12.0	3.1	6	927.1	-	12	2	17		36.8	17.0	16.5	69.2					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 : May	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

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : May 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						1008.5*										1009.9*					1
2	13.9	9.2	2.8	7.4	50	1009.4	260	8	0	20	28.3	13.3	-7.6	3.3	9	1009.6	300	10	0	30	2
3	15.4	9.6	2.8	7.4	42	1008.9	–	0	0	30	30.3	13.8	-10.2	2.5	6	1009.8	300	10	0	40	3
4	16.1	9.7	1.9	7.0	39	1008.5	130	8	0	30	33.1	16.0	-3.7	4.5	9	1009.5	340	4	0	35	4
5	20.5	11.0	-1.1	5.7	24	1008.5	–	0	6	20	32.0	15.0	-6.5	3.5	8	1007.5	310	8	3	35	5
6	19.3	10.1	-2.6	5.0	23	1002.1	120	8	4	25	35.7	17.8	0.0	6.1	10	1000.5	100	27	8	0.2	6
7	19.0	14.2	10.0	12.4	56	1005.2	270	6	0	7	34.5	18.0	2.8	7.5	13	1006.1	300	10	0	6	7
8	19.8*		10.2*	12.5*	54*	1006.8*					36.8*		1.6*	6.8*	11*	1006.2*					8
9	22.7	13.2	3.1	7.8	28	1006.1	100	12	0	10	41.8	19.7	-1.9	5.6	7	1006.4	100	10	0	25	9
10	27.8	16.4	6.3	9.5	25	1005.8	090	8	5	20	40.2	21.4	7.6	10.5	13	1006.8	330	12	8	8	10
11	25.3	16.8	10.0	12.3	39	1006.0	300	14	1	8	36.8	18.0	-1.1	5.1	9	1007.1	300	30	X	0.3	11
12	18.0	11.7	5.0	8.8	42	1008.0	300	14	0	20	30.9	17.0	4.2	8.3	19	1007.2	320	12	0	8	12
13	17.2	13.2	9.7	12.0	61	1006.5	–	0	0	25	32.8	16.8	3.2	6.3	13	1006.7	280	4	0	40	13
14	18.0	12.7	7.8	10.6	50	1007.2	–	0	0	25	37.4	17.6	-4.4	4.4	7	1008.5	360	10	0	40	14
15	23.2*		-0.2*	6.0*	21*	1007.2*					37.6*		2.0*	7.1*	11*	1007.4*					15
16	21.5	13.7	6.1	9.6	38	1004.5	–	0	1	25	43.5	20.5	-0.7	5.8	7	1004.6	160	14	3	20	16
17	26.7	16.2	7.0	10.0	28	1006.4	240	12	7	20	39.2	19.0	-0.7	5.8	8	1008.1	350	18	7	2	17
18	18.8	12.2	5.4	9.0	42	1009.7	270	10	0	12	34.4	17.5	0.8	6.5	12	1009.1	270	15	0	20	18
19	19.8	15.0	11.2	13.3	58	1006.7	300	13	0	25	35.6	18.0	1.0	6.6	10	1005.6	300	6	0	15	19
20	21.7	14.3	7.5	10.4	40	1003.2	270	8	0	25	38.7	19.7	3.4	7.8	12	1003.2	–	0	0	30	20
21	23.8	13.8	3.3	7.9	27	1002.6	120	6	0	25	41.4	19.6	-1.4	5.5	7	1003.5	–	0	0	30	21
22	26.9*		4.0*	8.2*	23*	1003.1*					43.7*		6.7*	9.9*	11*	1005.2*					22
23	25.3	15.1	5.4	9.4	30	1005.0	320	10	0	15	42.8	20.7	1.4	6.8	8	1006.7	320	15	4	15	23
24	25.4	15.6	7.0	10.0	31	1005.6	290	10	2	10	42.5	21.7	6.1	9.5	11	1006.1	300	16	6	8	24
25	26.1	17.0	9.8	12.2	35	1004.1	360	4	3	20	42.0	21.2	4.7	8.6	10	1003.8	060	10	8	10	25
26	29.2	17.2	7.1	10.1	25	1003.1	310	4	8	8	40.4	21.4	7.5	10.4	14	1003.7	310	28	6	1	26
27	31.0	17.8	6.6	9.8	21	1004.1	300	10	8	3	39.2	20.8	6.8	9.9	14	1003.9	360	15	5	7	27
28	27.7	16.8	7.5	10.4	28	1002.8	290	5	0	25	40.8	20.7	4.4	8.5	11	1002.5	300	14	0	5	28
29	33.7*		10.9*	13.1*	25*	1002.2*					42.2*		6.8*	9.9*	12*	1003.5*					29
30	24.7	15.8	8.2	10.9	38	1002.8	260	8	0	25	40.7	20.2	2.7	7.4	10	1002.6	300	10	0	30	30
31	24.0	16.0	9.4	11.9	40	1002.2	–	0	0	25	42.2	21.2	4.4	8.5	10	1002.6	310	8	0	30	31
Av.	22.8	14.0	6.1	9.7	36	1005.6	–	7	2	19	37.9	18.7	1.3	7.0	10	1005.9	–	12	3	19	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 : May Year : 1964
Station : Ahwaz

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

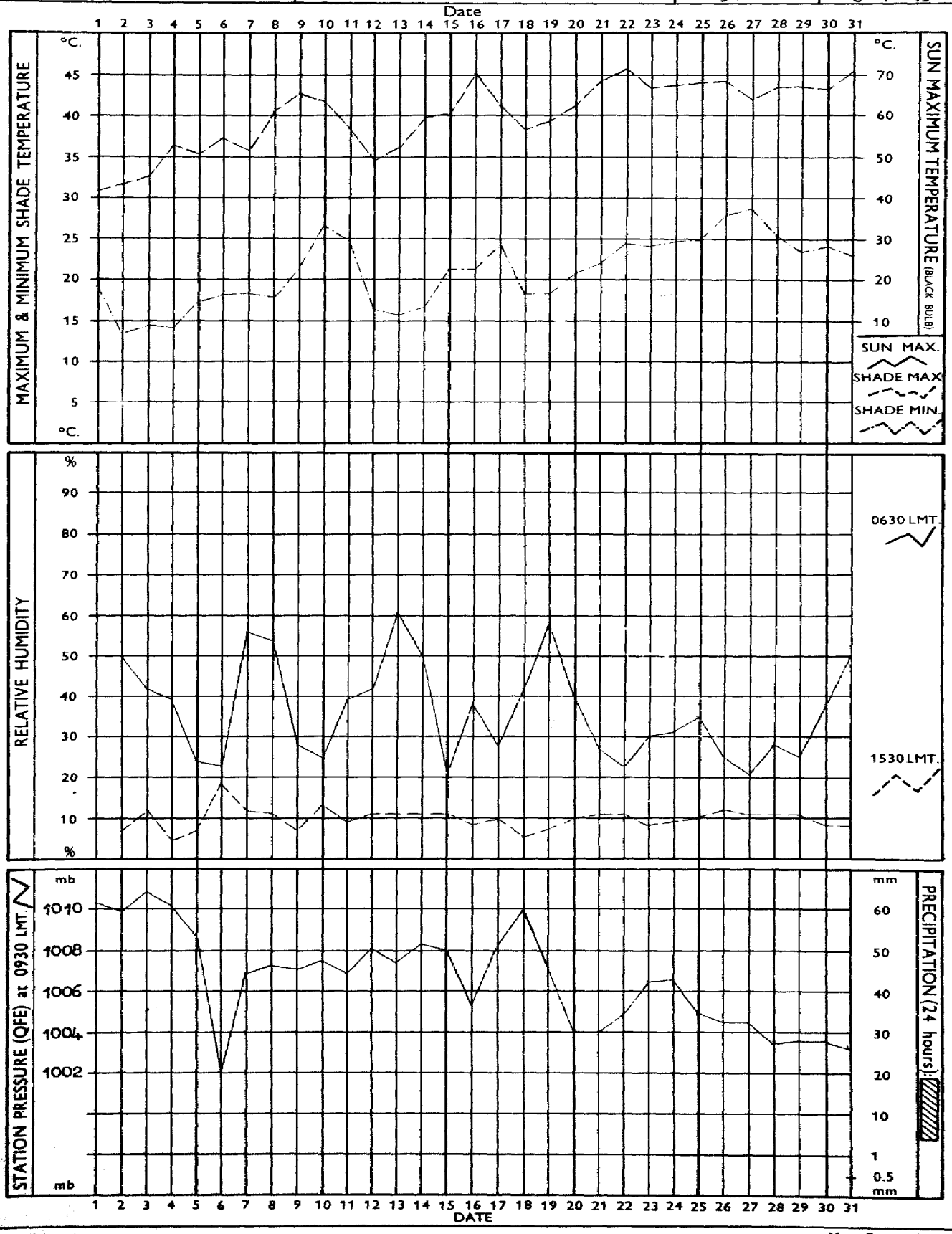
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 - 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
26.3	14.9	3.3	7.8	23	1008.0	290	14	0	15		31.0	19.1	15.8				0	Fair	1
28.6	14.0	-4.4	4.3	12	1007.9	300	20	0	20		31.7	13.5	12.4				0	Clear	2
30.6	14.7	-4.9	4.0	9	1007.5	270	10	0	40		32.7	14.4	12.4				0	"	3
33.4	15.7	-6.1	3.7	7	1007.3	300	14	0	40		36.6	14.2	13.2				0	"	4
33.7	16.3	-3.3	4.7	9	1003.6	-	0	2	40		35.4	17.2	14.7				0	P.Cloudy	5
31.0	19.6	11.7	13.7	30	1001.0	160	15	6	1.5		37.3	18.1	16.4				0	Sandst.	6
34.0	19.8	9.4	11.8	22	1004.2	300	10	0	10		35.8	18.2	17.3				0	Haze	7
38.2	20.0	5.1	8.8	13	1003.6	150	8	3	10		40.5	17.8	16.5				0	"	8
40.7	19.7	0.1	6.2	8	1004.0	050	4	4	35		42.7	21.3	20.3				0	"	9
37.7	20.8	8.4	11.1	18	1005.1	360	16	7	3		41.8	26.7	20.5				0	"	10
32.5	15.5	-4.9	4.1	8	1006.4	300	30	X	0.5		38.4	24.8	24.2				0	Sandst.	11
31.4	16.7	2.6	7.3	16	1004.7	300	17	0	10		34.7	16.5	15.5				0	Haze	12
34.2	16.3	-4.4	4.3	9	1004.2	270	8	0	40		36.2	15.7	12.7				0	Clear	13
35.3	17.7	0.3	6.2	10	1006.8	300	15	0	15		39.7	16.6	13.6				0	"	14
37.0	18.3	0.0	6.1	9	1004.3	360	5	0	40		40.1	21.3	18.2				0	"	15
39.8	19.6	1.2	6.7	10	1003.6	180	15	4	10		45.2	21.3	18.4				0	Haze	16
35.4	16.2	-8.3	3.1	5	1007.6	300	22	2	0.8		41.3	24.3	23.2				0	Sandst.	17
33.7	16.7	-0.8	5.4	12	1006.5	300	20	0	6		38.2	18.2	16.6				0	Haze	18
37.4	17.8	-2.3	4.7	8	1002.7	300	10	0	30		39.3	18.4	17.0				0	"	19
39.8	19.4	0.3	6.2	8	1000.5	200	4	0	35		41.2	20.8	18.6				0	Clear	20
42.3	20.5	2.0	6.9	8	1001.2	-	0	0	30		44.2	22.1	20.2				0	"	21
39.9	20.5	4.9	8.7	12	1003.7	290	15	8	15		45.7	24.6	21.0				0	P.Cloudy	22
39.2	19.7	2.7	7.4	10	1004.9	290	8	5	15		43.5	24.1	18.6				0	Haze	23
38.3	20.3	6.1	9.5	14	1004.0	320	20	X	1		43.8	24.7	21.7				0	Sandst.	24
38.8	19.8	3.4	7.9	12	1003.1	290	10	8	8		44.0	25.0	22.9				0	Haze	25
37.4	19.8	5.4	9.0	14	1002.2	360	12	8	8		44.2	27.8	26.7				0	Sandst.	26
38.6	20.7	5.4	9.0	14	1001.8	300	10	4	15		42.0	28.7	27.5				0	Haze	27
39.2	21.4	8.8	11.3	16	999.9	280	32	0	0.4		43.5	25.4	24.2				0	Sandst.	28
39.0	22.0	10.7	12.9	17	1001.9	290	18	0	15		43.5	23.6	20.8				0	Clear	29
40.6	19.7	0.4	6.3	8	1000.2	290	20	0	15		43.2	24.0	21.8				0	"	30
41.0	21.0	5.3	8.9	11	1000.0	300	22	0	1		45.6	23.1	21.2				0	Sandst.	31
36.2	18.6	1.9	7.4	12	1003.9	-	14	3	17		40.1	21.0	18.8						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 : May	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 : May 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	19.8*		9.6*	12.0*	52*	1010.6*	310	8	8	2	29.2*		-2.1*	5.2*	13*	1013.0*	320	15	0	3	1
2	14.8	10.1	4.7	8.6	51	1012.2	–	0	0	30	27.8	14.2	-1.5	5.4	15	1012.9	310	20	0	2	2
3	14.6	11.5	8.4	11.1	67	1012.0	–	0	0	20	31.2	16.8	3.1	7.6	17	1012.9	290	8	0	50	3
4	15.3	11.0	6.6	9.8	57	1010.9	–	0	0	30	34.4	18.8	5.8	9.3	17	1011.7	300	5	0	50	4
5	20.2	12.7	5.0	8.8	37	1010.1	360	8	4	20	33.6	17.5	2.1	7.2	14	1010.0	320	12	2	4	5
6	20.2	14.1	8.7	11.3	48	1003.9	090	8	8	15	35.0	20.0	8.8	11.4	20	1002.9	150	15	8	1	6
7	22.6	14.7	7.6	10.5	38	1008.0	290	8	0	8	35.6	18.7	3.9	8.1	14	1009.1	290	9	0	8	7
8	21.7*		6.4*	9.7*	37*	1008.6*					39.1*		3.1*	7.7*	11*	1008.7*					8
9	21.0	14.8	9.5	11.9	48	1008.2	–	0	0	15	41.2	19.4	-2.2	5.1	6	1007.8	100	12	0	12	9
10	30.0	18.2	9.1	11.6	27	1007.6	090	6	8	12	41.4	21.0	4.2	8.6	11	1007.7	030	12	4	4	10
11	26.0	15.5	5.8	9.3	28	1009.0	300	13	1	4	33.6	16.6	-1.6	5.4	11	1010.9	320	24	X	0.3	11
12	17.8	12.8	8.1	10.8	53	1011.1	310	8	0	8	29.0	16.8	6.0	9.4	23	1010.8	300	16	0	1.5	12
13	20.1	15.2	11.3	13.4	57	1009.6	300	6	0	20	32.0	17.2	3.5	7.9	17	1009.7	300	10	1	10	13
14	21.6	14.6	8.4	11.1	43	1009.4	–	0	0	20	35.6	20.1	8.5	11.2	19	1011.3	310	18	0	12	14
15	23.1*		6.8*	9.9*	35*	1010.3*					38.6*		2.9*	7.5*	11*	1009.1*	300	5	0	30	15
16	21.6	15.2	10.0	12.3	48	1007.0	–	0	0	20	42.5	19.4	-5.0	4.1	5	1006.9	160	14	4	20	16
17	27.0	17.0	8.8	11.4	32	1009.3	310	10	4	15	35.9	19.4	5.9	9.4	15	1011.2	310	25	X	0.2	17
18	22.0	14.0	6.3	9.6	36	1012.4	310	14	2	20	33.0	17.5	3.0	7.6	15	1012.5	320	15	X	0.4	18
19	22.2	15.6	10.2	12.5	47	1009.9	310	6	0	20	34.9	18.2	3.0	7.6	14	1008.9	320	18	X	1	19
20	22.4	17.0	13.1	15.1	56	1006.1	310	4	0	20	39.2	20.3	5.0	8.7	12	1005.1	320	6	0	30	20
21	22.0	15.6	10.4	12.7	48	1004.9	–	0	0	20	41.8	21.8	7.1	10.1	12	1005.5	310	8	0	10	21
22	25.2*		13.0*	15.1*	47*	1005.7*					43.1*		9.8*	12.2*	14*	1007.2*	270	8	0	15	22
23	28.2	18.5	11.5	13.6	35	1008.1	310	10	1	15	42.3	20.4	0.6	6.4	8	1008.4*	300	10	0	8	23
24	26.4	17.0	9.4	11.9	35	1007.8	310	6	8	15	42.8	21.3	4.0	8.2	10	1008.2	350	15	8	12	24
25	27.0	16.3	6.9	10.0	28	1006.0	–	0	1	8	43.4	22.1	6.3	9.6	11	1005.9	360	2	8	10	25
26	29.6	19.6	10.4	12.7	31	1005.3	020	8	7	10	42.0	21.4	5.4	9.1	11	1006.0	320	8	8	24	26
27	30.0	19.8	12.9	14.9	35	1006.1	020	4	8	4	40.8	21.6	7.6	10.5	14	1005.5	320	15	8	6	27
28	27.1	21.8	18.9	21.9	60	1005.3	–	0	0	8	41.6	20.6	2.8	7.5	19	1005.3	320	15	0	10	28
29	27.6*		14.2*	16.3*	44*	1004.7*					39.9*		11.1*	13.2*	18*	1006.2*					29
30	25.0	19.4	15.9	18.1	57	1005.7	360	4	0	20	39.0	20.6	6.3	9.5	14	1005.9	310	15	0	10	30
31	27.7	18.6	12.2	14.2	38	1004.9	310	6	0	20	41.8	22.4	9.1	11.6	13	1005.3	300	18	1	4	31
Av.	23.2	15.8	9.7	12.3	44	1008.1	–	5	2	16	37.5	19.4	4.4	8.5	14	1008.5	–	13	3	13	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 : May Year : 1964

Station : Abadan

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

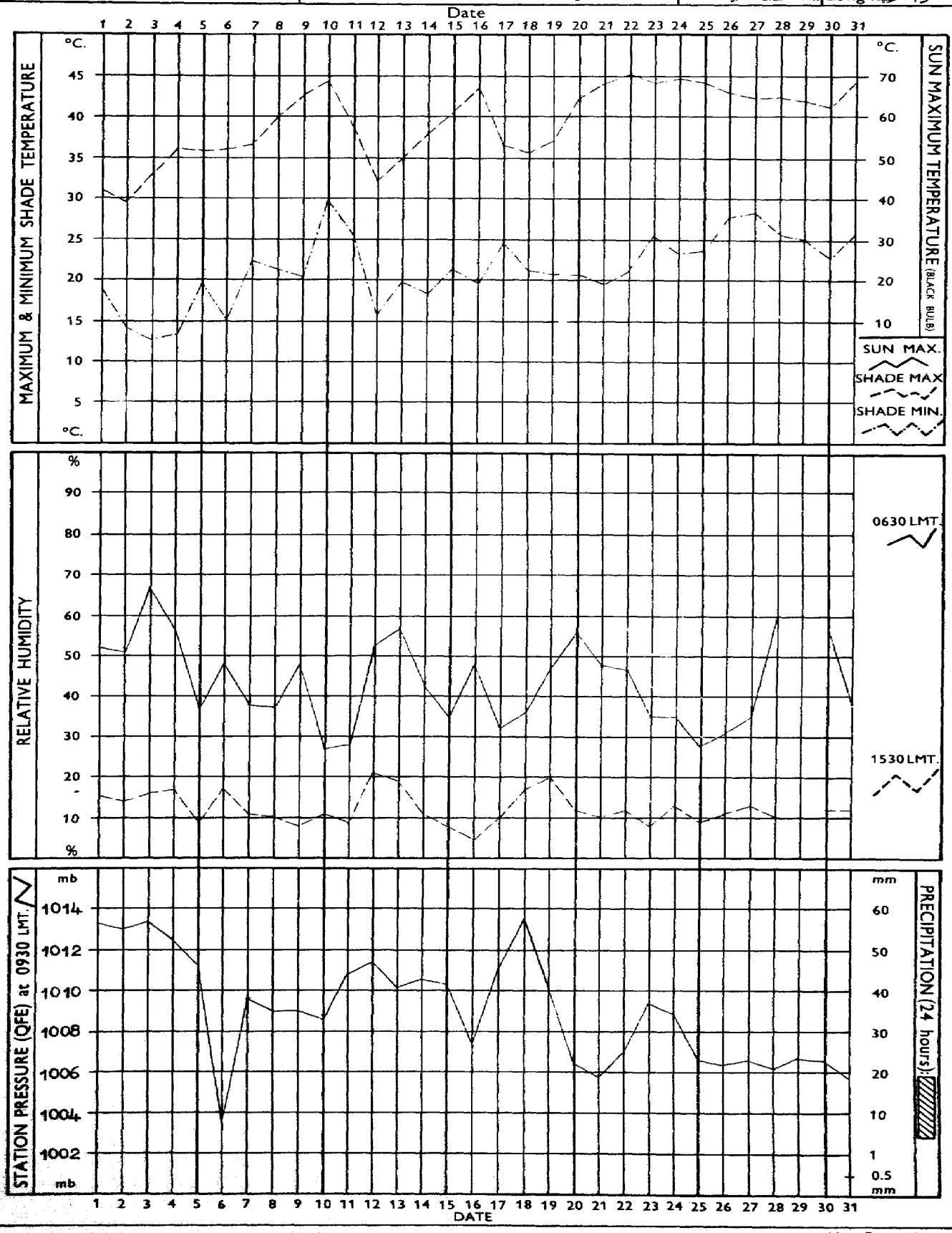
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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
26.4	14.3	1.1	6.6	19	1011.3	360	18	0	2		31.0	18.7	17.4				0	Haze	1
27.4	14.4	-0.1	6.1	17	1011.3	300	14	0	3		29.4	14.2					0	Sandst.	2
29.8	15.4	-0.4	5.9	14	1010.4	300	10	0	40		33.1	12.7	10.2				0	Clear	3
33.2	17.8	3.9	8.1	16	1009.5	310	8	0	50		36.2	13.3	11.2				0	"	4
33.8	16.5	-2.6	5.0	10	1005.9	–	0	2	40		35.9	19.5	18.5				0	Haze	5
34.0	16.6	-2.5	5.0	9	1003.2	260	12	8	3		36.1	15.1	16.2				0	Sandst.	6
32.4	18.2	6.3	9.6	20	1007.4	–	0	0	10		36.8	22.2	16.5				0	Haze	7
34.4	17.5	0.8	6.5	12	1007.0	140	12	0	8		40.0	21.2	19.2				0	"	8
36.0	20.2	8.1	10.9	18	1007.3	180	10	7	15		42.7	20.2	18.5				0	P.Cloudy	9
39.0	20.4	5.6	9.2	14	1006.4	030	8	4	10		44.3	29.5	27.8				0	Haze	10
31.0	15.6	-1.5	5.5	12	1010.0	320	23	X	0.8		38.9	25.6	25.0				0	Sandst.	11
29.6	18.4	9.7	12.2	29	1008.4	300	14	0	8		32.2	15.7	15.0				0	"	12
33.0	18.0	4.9	8.7	17	1007.7	290	7	0	12		35.0	19.8	18.2				0	Clear	13
35.8	18.3	1.9	7.0	12	1009.1	300	10	0	20		38.0	18.5	15.0				0	"	14
38.0	18.6	-0.3	6.0	9	1006.7	340	5	0	30		40.6	21.3	20.0				0	"	15
36.3	17.9	-0.7	5.8	10	1005.6	180	12	1	25		43.6	19.5	17.0				0	Fair	16
32.8	16.9	0.9	6.6	13	1011.0	310	20	X	0.7		36.6	24.6	22.0				0	Sandst.	17
31.6	18.2	7.2	10.3	22	1010.2	310	12	0	5		35.7	21.2	20.2				0	"	18
34.6	19.8	8.6	11.3	21	1005.7	300	12	0	5		37.1	20.7	19.0				0	"	19
39.1	21.3	8.4	11.1	16	1002.7	–	0	0	30		42.2	20.7	18.5				0	Clear	20
41.0	21.3	6.3	9.6	12	1003.4	130	5	0	10		44.0	19.5	17.0				0	Haze	21
40.6	20.3	3.0	7.6	10	1005.8	300	15	0	5		45.1	21.3	18.8				0	"	22
39.6	19.4	0.6	6.4	9	1007.0	300	5	3	10		44.3	25.5	25.4				0	Sandst.	23
36.7	21.0	10.1	12.4	20	1006.7	310	25	X	0.2		44.8	23.5	21.1				0	"	24
38.0	20.1	5.7	9.2	14	1004.7	–	0	6	4		44.2	25.7	23.3				0	Haze	25
38.9	20.5	6.1	9.5	14	1004.0	320	5	8	4		42.9	27.7	25.5				0	"	26
39.6	21.3	7.9	10.7	15	1004.1	310	3	2	10		42.3	28.2	27.0				0	"	27
38.0	20.2	6.1	9.6	14	1004.3	300	10	0	12		42.5	25.7					0	"	28
38.7	20.3	5.6	9.1	13	1004.5	300	8	1	40		41.9	25.0					0	Fair	29
39.0	20.0	4.1	8.2	12	1003.6	300	10	0	3		41.2	23.0					0	Sandst.	30
40.6	22.0	9.1	11.6	15	1003.8	300	12	1	3		44.3	25.8	24.8				0	Haze	31
35.4	18.7	4.0	8.4	15	1006.7	–	10	2	14		39.4	21.5	19.6						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 : May	Year : 1964
		Station : Abadan	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°22' N.	Long : 48°13' E.



IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : May 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	21.2	15.1	10.1	12.3	49	1009.5	340	10	5	15	29.5	15.2	-0.5	5.8	14	1011.4	330	14	3	6	1
2	14.3	9.9	4.8	8.8	53	1011.4	340	5	0	20	28.0*		-1.1*	5.7*	15*	1011.6*	300*	14*			2
3	14.7	12.0	9.4	11.9	71	1011.2	300	5	0	20	30.9	16.0	0.4	6.3	14	1011.9	310	9	0	30	3
4	18.5	15.1	12.4	14.5	69	1010.5	-	0	0	30	32.2	19.0	9.0	11.5	24	1010.8	260	7	0	30	4
5	22.1	12.5	1.4	6.8	26	1009.9	330	8	4	25	33.8	16.0	-5.3	3.9	8	1009.4	260	3	0	25	5
6	22.6*		11.1*	13.2*	48*	1003.9*	120*	3*			31.8*		16.1*	18.3*	39*	1004.1*	180*	14*			6
7	21.4*		9.6*	12.0*	47*	1007.2*	300*	9*			35.3*		-5.1*	4.0*	7*	1008.0*	270*	8*			7
8	23.7	13.8	3.4	7.9	27	1008.6	050	6	5	10	38.4	19.1	1.1	6.7	10	1008.3	130	3	7	10	8
9	24.4	19.1	15.7	17.8	59	1007.5	100	5	0	15	40.0	22.5	11.2	13.3	18	1009.1	-	0	0	20	9
10	29.0	18.6	11.0	13.1	33	1006.8	040	8	5	15	41.5	21.4	6.1	9.4	12	1007.8	360	15	7	15	10
11	25.4	18.2	13.2	15.2	47	1007.5	340	12	2	10	35.1*		9.4*	11.9*	21*	1008.3*	310*	23*			11
12	18.2	13.8	10.0	12.3	58	1010.2	350	7	0	15	31.0	17.4	5.3	9.0	20	1009.3	320	15	X	1	12
13	19.0	14.1	9.8	12.1	55	1008.4	350	5	0	15	33.4	17.5	2.3	7.2	13	1008.8	320	9	1	25	13
14	20.3	15.0	10.6	12.8	54	1008.9	-	0	0	20	35.1	18.4	3.3	7.9	14	1010.0	230	10	0	20	14
15	22.7	14.2	6.1	9.4	34	1009.0	340	6	0	15	39.2	19.8	2.9	7.6	11	1008.4	330	3	0	15	15
16	25.4	14.8	4.4	8.4	26	1006.2	330	2	0	15	39.4	25.0	17.6	20.2	28	1007.0	150	4	1	25	16
17	26.4	22.3	20.2	23.7	69	1007.9	130	4	5	20	36.3	20.9	10.2	12.6	20	1009.6	340	17	X	0.3	17
18	21.2	14.5	8.6	11.2	44	1011.7	320	10	3	5	34.3	18.4	4.5	8.5	16	1011.5	310	13	0	2	18
19	20.0	15.0	11.0	13.1	56	1008.8	310	4	0	15	36.6	18.2	0.1	6.2	10	1007.5	330	13	0	8	19
20	21.1	16.8	13.6	15.6	63	1005.4	340	4	0	15	37.4	21.0	9.4	11.8	18	1004.8	200	6	0	25	20
21	23.7	21.5	20.4	23.9	81	1004.6	-	0	0	25	39.2	19.2	0.3	6.3	9	1005.5	180	6	0	25	21
22	27.6	18.6	12.2	14.3	39	1004.7	350	5	0	15	42.5	21.6	5.6	9.1	11	1006.0	220	6	3	20	22
23	26.2	17.7	11.4	13.5	41	1006.6	310	5	0	10	42.3	20.1	-0.7	5.8	7	1007.8	350	8	0	15	23
24	29.3	16.0	2.8	7.6	18	1006.6	310	5	5	20	42.3	20.1	-0.7	5.8	7	1009.2	310	10	7	20	24
25	28.0	15.0	1.2	6.7	18	1005.3	300	5	0	25	43.2	22.4	7.6	10.5	13	1005.5	-	0	0	15	25
26	26.9	19.6	15.0	17.1	48	1005.0	060	4	2	15	37.2	23.4	15.6	17.7	27	1005.0	210	6	2	20	26
27	28.5	19.5	13.3	15.0	40	1005.3	310	7	8	2	41.0	22.1	9.0	11.5	15	1004.8	300	7	8	6	27
28	25.6	18.6	13.9	15.9	48	1004.4	340	8	0	20	40.4	21.5	7.7	10.5	14	1004.4	300	10	0	20	28
29	24.4	19.6	16.7	19.0	62	1004.0	-	0	0	20	41.8	22.7	10.1	12.4	15	1004.9	290	10	0	25	29
30	25.2	21.0	18.7	21.5	67	1004.5	290	4	0	20	40.2	20.3	3.5	7.9	11	1004.7	280	10	0	15	30
31	25.4	20.0	16.8	19.1	59	1004.2	310	8	0	25	38.0	24.5	17.4	20.0	30	1004.7	160	5	1	25	31
Av.	23.3	16.6	10.9	13.4	49	1007.3	-	5	2	17	37.0	20.1	5.6	9.8	16	1007.7	-	9	2	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: May 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		
27.1	15.1	3.0	7.6	21	1009.5	340	13	0	8		30.3	20.7	21.3		330	26	0	Haze	1
27.2	15.3	3.6	7.9	22	1011.1	300	14	0	7		30.3	13.6	12.2		310	23	0	"	2
30.9	16.0	0.3	6.3	14	1009.3	310	7	0	20		33.7	14.4	12.7		310	15	0	Clear	3
33.8	16.0	-5.3	3.9	8	1008.7	340	6	0	30		36.5	16.6	12.8		300	21	0	"	4
33.0	17.5	3.1	7.7	15	1005.3	–	0	2	20		35.0	19.8	18.3		340	19	0	Fair	5
27.3*		20.1*	23.6*	65*	1004.2*	170*	8*				33.0*	21.7*			170	21	0	–	6
33.1	18.8	7.3	10.3	20	1006.2	–	0	0	10		36.7	20.0	18.2		310	17	0	Haze	7
32.2	21.2	14.4	16.4	34	1006.1	270	5	0	15		40.2	20.2	18.2		220	14	0	"	8
31.0	22.0	16.9	19.3	43	1006.5	200	6	6	15		40.7	22.9	21.1		240	18	0	Fair	9
39.0	22.0	10.7	12.9	18	1005.7	310	6	0	15		42.1	27.2	25.6		350	26	0	P.Cloudy	10
31.0	16.7	3.0	7.6	17	1008.1	320	27	X	0.2		35.3	24.2	23.5		310	36	0	Sandst.	11
29.0	18.2	10.0	12.3	31	1007.1	300	8	0	3		33.6	16.7	15.4		340	25	0	"	12
31.3	19.8	11.9	13.9	30	1006.6	310	3	0	15		35.4	17.8	16.3		310	19	0	Clear	13
34.2	19.0	6.7	9.8	18	1008.0	340	6	0	15		39.0	19.0	16.0		330	19	0	"	14
37.6	19.6	4.7	8.5	13	1006.1	330	5	0	25		40.0	21.7	20.0		350	16	0	"	15
31.8	24.0	20.2	23.6	50	1006.1	140	8	1	25		39.8	23.0	20.7		360	14	0	Fair	16
33.2	18.7	6.9	10.0	20	1009.3	320	12	X	0.2		38.9	24.6	22.5		320	17	0	Sandst.	17
32.2	19.0	9.0	11.5	24	1009.0	300	11	0	8		36.8	20.0	18.1		310	23	0	Haze	18
35.3	20.8	10.8	12.9	23	1004.9	300	6	0	10		39.2	19.4	17.4		310	19	0	"	19
32.8	22.0	15.7	17.8	36	1002.7	270	8	0	25		39.7	20.1	18.9		310	11	0	Clear	20
37.0	20.7	8.8	11.4	17	1003.5	200	5	0	25		40.0	22.3	18.7		270	12	0	"	21
40.5	19.5	-0.4	5.9	6	1005.1	330	15	X	0.3		45.0	24.6	22.2		330	29	0	Sandst.	22
39.0	18.4	-3.1	4.7	7	1006.6	360	6	0	25		43.8	24.7	23.9		340	26	0	Haze	23
39.2	19.8	2.9	7.6	11	1004.7	360	14	X	0.6		43.2	27.0	25.0		340	30	0	Sandst.	24
38.0	20.8	8.1	10.8	16	1004.5	360	8	0	2		44.2	27.2	25.6		340	22	0	Haze	25
35.2	24.4	19.0	22.0	39	1003.7	310	6	3	3		41.0	26.3	25.0		360	18	0	"	26
39.3	23.1	13.3	15.4	20	1002.9	310	8	5	15		42.2	27.0	26.0		350	21	0	"	27
34.6	21.3	12.7	14.7	26	1003.2	320	13	0	1.2		41.8	25.6	24.6		310	15	0	"	28
37.0	21.0	9.7	12.1	20	1003.7	310	10	0	6		42.3	23.8	22.0		290	22	0	"	29
37.6	19.6	4.6	8.5	13	1002.4	310	7	0	15		41.7	24.7	23.2		280	15	0	Clear	30
39.0	22.0	10.7	12.9	18	1002.3	310	12	0	2		43.0	24.2	23.5		310	17	0	Haze	31
34.2	19.7	8.4	11.9	23	1005.9	–	9	2	12		38.8	22.0	21.0						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

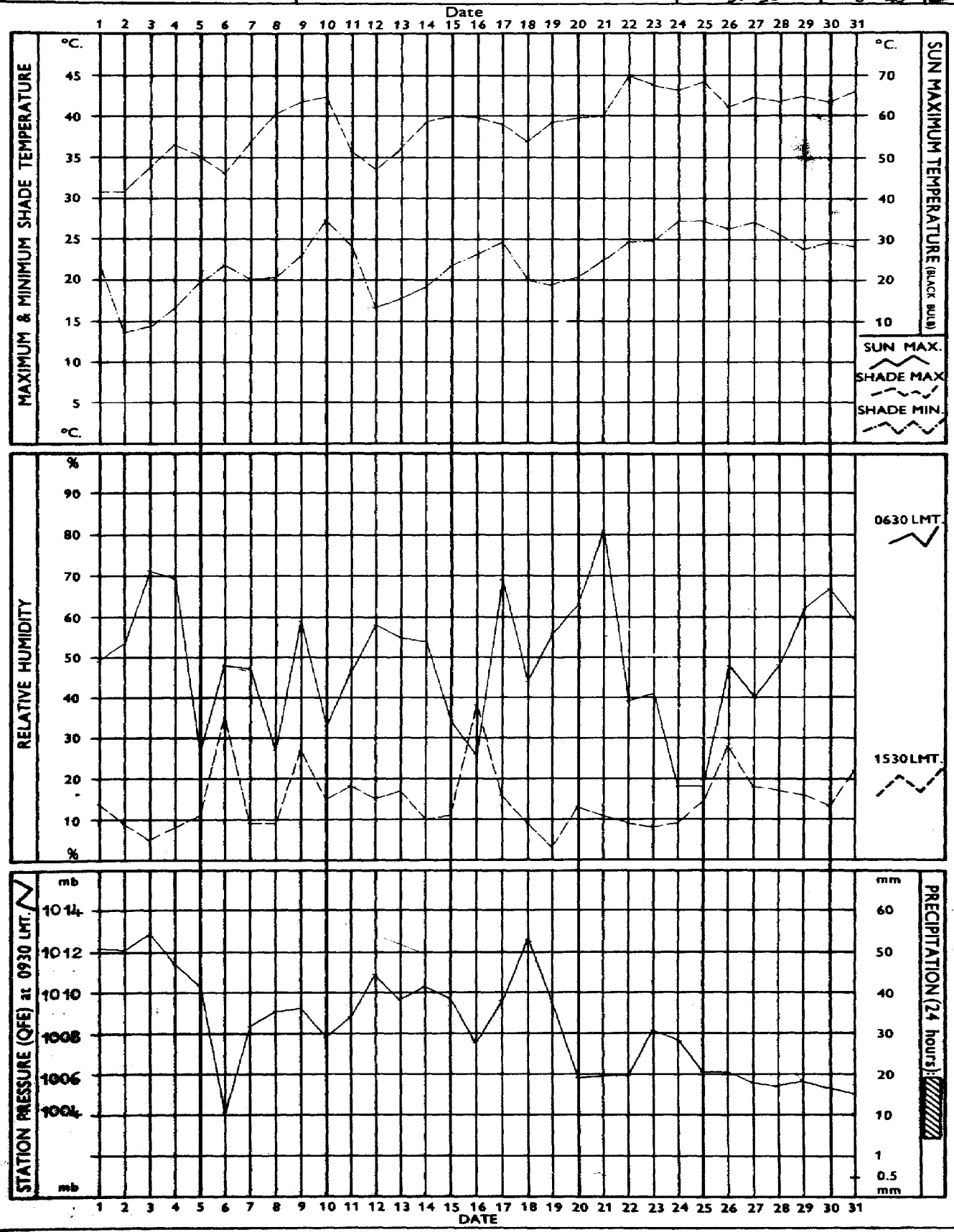
IRANIAN OIL OPERATING COMPANIES

CLIMATOLOGICAL GRAPH

Month : May | Year : 1964

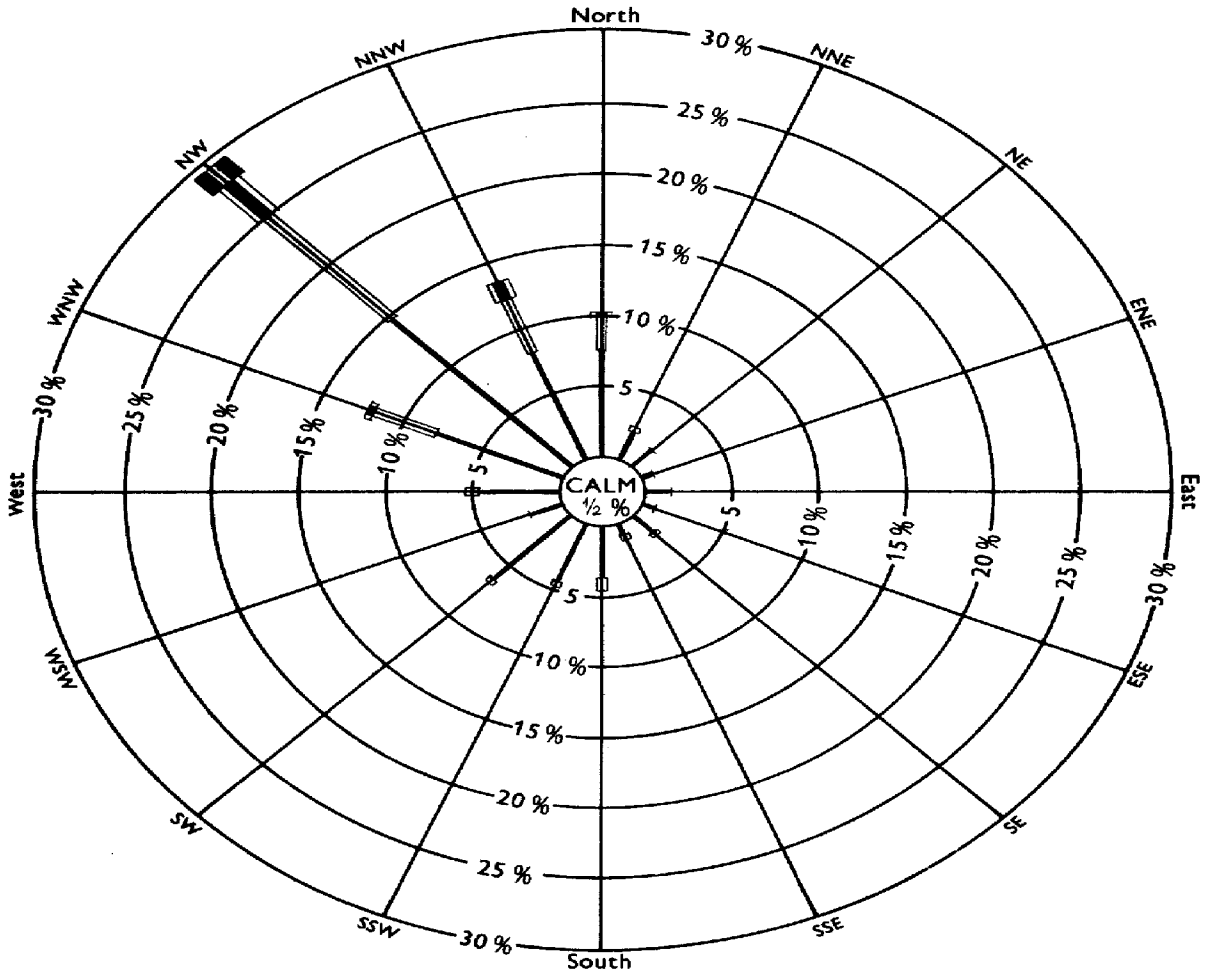
Station : Bandar Mashur

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



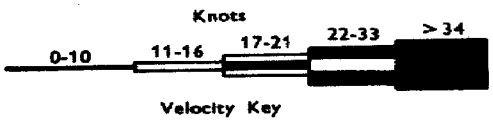
Met. Form 4

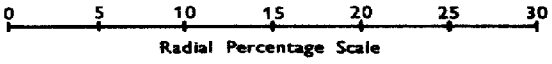
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : May	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.



Hours in month 744

Hours recorded 744





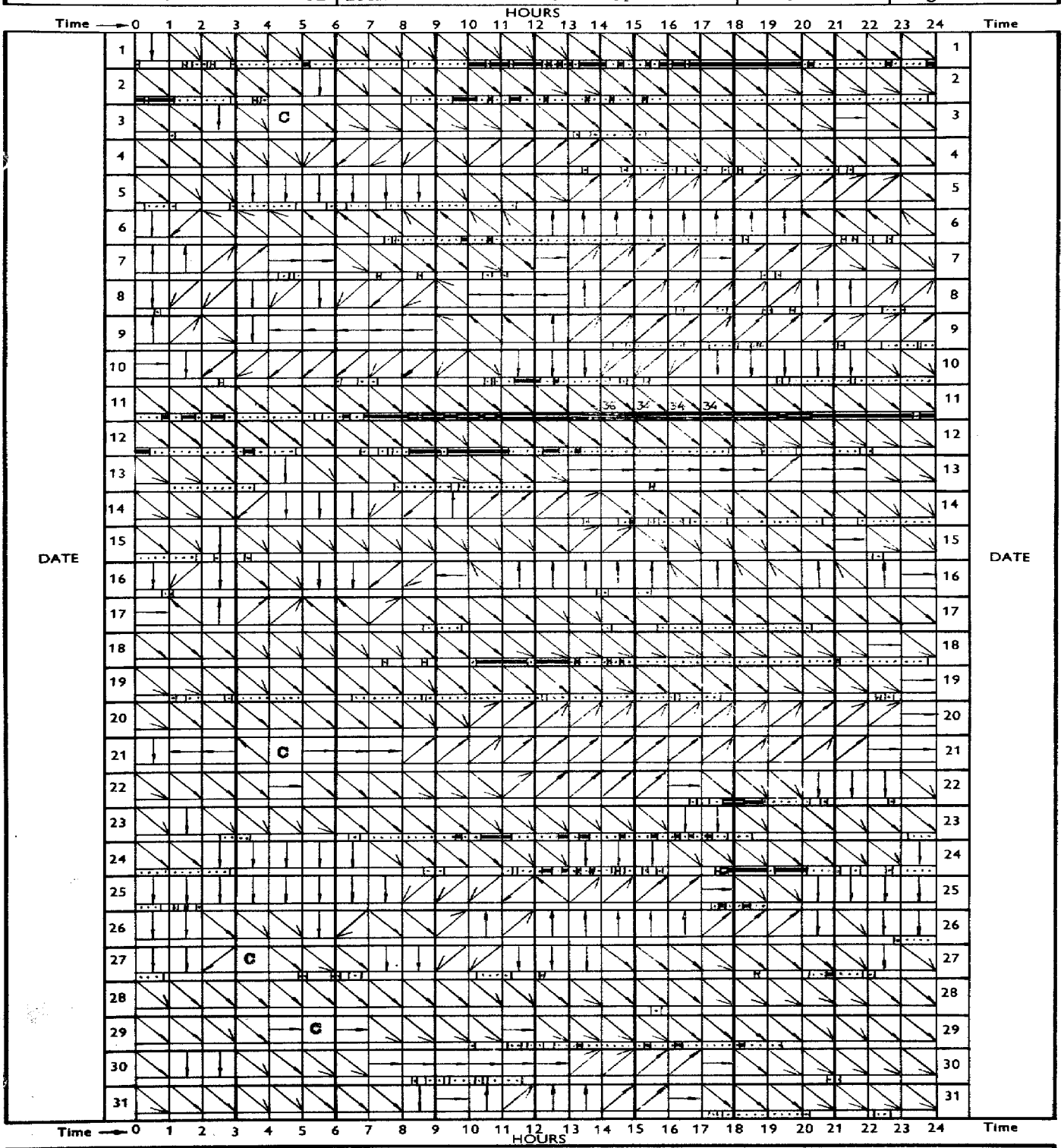
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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.

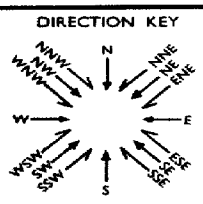
Remarks : The wind directions WNW, NW and NNW constitute together 55.4% of all observations.

Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : May	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		
	1-10 Knots		
	11-16		
	17-21		
	22-33		
	> 34		
NR	No Record.		



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 : May 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	23.6	19.0	16.1	18.3	63	1007.9	–	0	8	8	27.0	18.4	12.3	14.4	40	1010.3	350	20	5	3	1
2	21.8	14.6	8.2	10.9	42	1010.7	340	18	0	20	24.8	16.0	8.6	11.2	36	1012.4	350	18	0	20	2
3	21.0	16.4	13.0	15.0	60	1011.6	320	10	0	20	24.8	19.0	15.2	17.3	55	1012.5	350	10	0	20	3
4	20.8	19.4	18.6	21.4	87	1010.9	–	0	0	20	30.6	17.2	5.3	9.0	21	1010.9	350	9	0	20	4
5	22.6	19.4	17.4	20.0	73	1009.0	340	4	0	20	28.0	19.0	12.8	14.8	40	1009.7	340	12	0	20	5
6	23.0	18.6	19.9	23.3	83	1005.3	–	0	7	20	32.6	19.0	8.4	11.1	23	1005.3	170	15	6	20	6
7	21.8	18.6	16.6	18.9	72	1006.9	–	0	0	12	28.2	21.2	17.2	19.6	51	1008.8	360	10	0	8	7
8	23.0	21.0	19.9	23.3	83	1007.9	–	0	1	10	33.2	19.4	9.0	11.5	23	1008.7	–	0	5	15	8
9	27.2	19.0	13.4	15.4	43	1008.0	320	6	0	15	35.6	19.0	5.0	8.7	15	1008.2	320	12	0	15	9
10	27.0	18.4	12.3	14.3	40	1006.7	–	0	2	15	38.2	20.0	5.2	8.9	13	1007.2	320	10	3	20	10
11	26.0	21.2	18.5	21.3	63	1006.0	330	8	1	12	30.6	22.4	17.9	20.5	47	1006.9	350	18	0	15	11
12	23.0	16.2	10.8	13.0	47	1009.0	340	22	0	5	26.4	19.0	14.1	16.1	47	1009.3	320	15	0	10	12
13	22.6	18.6	16.0	18.2	67	1008.0	340	10	0	15	27.0	22.0	15.7	17.8	50	1009.2	330	15	0	20	13
14	23.4	19.4	17.0	19.3	67	1008.9	340	5	0	20	34.6	17.6	0.9	6.5	12	1010.1	300	5	0	25	14
15	25.0	19.2	15.4	17.6	56	1008.6	340	12	0	20	31.4	21.4	15.4	17.5	38	1008.7	300	8	0	20	15
16	25.8	21.2	18.6	21.5	65	1006.6	050	5	0	20	36.2	19.2	4.8	8.7	13	1008.3	180	4	0	20	16
17	25.0	23.2	22.3	27.0	85	1008.6	360	4	0	20	35.2	20.6	10.3	12.5	22	1009.9	300	2	0	20	17
18	24.4	18.4	14.3	16.3	54	1010.0	330	20	0	20	28.0	19.8	14.4	16.5	44	1010.9	350	20	2	8	18
19	23.8	19.8	17.3	19.8	67	1008.8	330	10	0	20	27.6	19.4	13.9	15.9	43	1008.7	350	14	0	20	19
20	23.6	20.0	17.9	20.5	70	1004.7	360	4	0	20	32.4	17.8	5.0	8.7	18	1005.5	340	10	0	20	20
21	23.4	17.2	12.8	14.7	51	1004.1	–	0	0	20	34.2	20.0	9.7	12.0	23	1005.7	360	8	0	20	21
22	25.8	20.6	17.5	20.1	60	1004.7	–	0	0	20	33.6	22.6	16.4	18.6	36	1006.7	360	20	0	20	22
23	25.4	21.6	19.6	22.8	70	1005.9	–	0	0	20	35.0	22.2	14.4	16.5	29	1007.6	320	12	0	7	23
24	27.6	21.2	17.6	20.1	54	1006.7	360	9	6	20	38.0	21.4	10.0	12.2	18	1006.4	330	10	3	20	24
25	27.8	21.2	17.4	19.9	53	1004.7	–	0	6	10	37.6	23.0	14.2	16.2	25	1006.1	–	0	4	10	25
26	29.6	22.0	17.8	20.4	49	1005.1	–	0	7	10	32.4	26.0	23.2	28.5	59	1005.8	150	4	6	10	26
27	26.6	22.4	20.2	23.7	68	1005.0	360	2	5	15	31.5	24.6	21.2	25.2	55	1005.4	330	10	5	7	27
28	27.0	24.0	22.6	27.4	77	1004.0	–	0	0	10	34.8	23.6	17.7	20.2	36	1004.6	350	10	0	15	28
29	28.0	24.6	23.1	28.3	76	1004.2	360	2	0	20	32.4	24.0	19.8	23.2	48	1005.5	340	8	0	20	29
30	28.0	23.0	20.4	24.1	64	1004.6	320	5	0	15	33.6	24.0	19.2	22.2	43	1005.7	280	12	0	20	30
31	26.4	23.4	22.0	26.4	77	1003.8	360	3	0	12	33.0	24.0	19.4	22.6	46	1004.6	300	10	0	20	31
Av.	24.8	20.1	17.2	20.1	64	1007.0	–	5	1	16	31.9	20.7	12.8	15.6	35	1007.9	–	11	1	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 : May Year : 1964

Station : Kharg Island

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

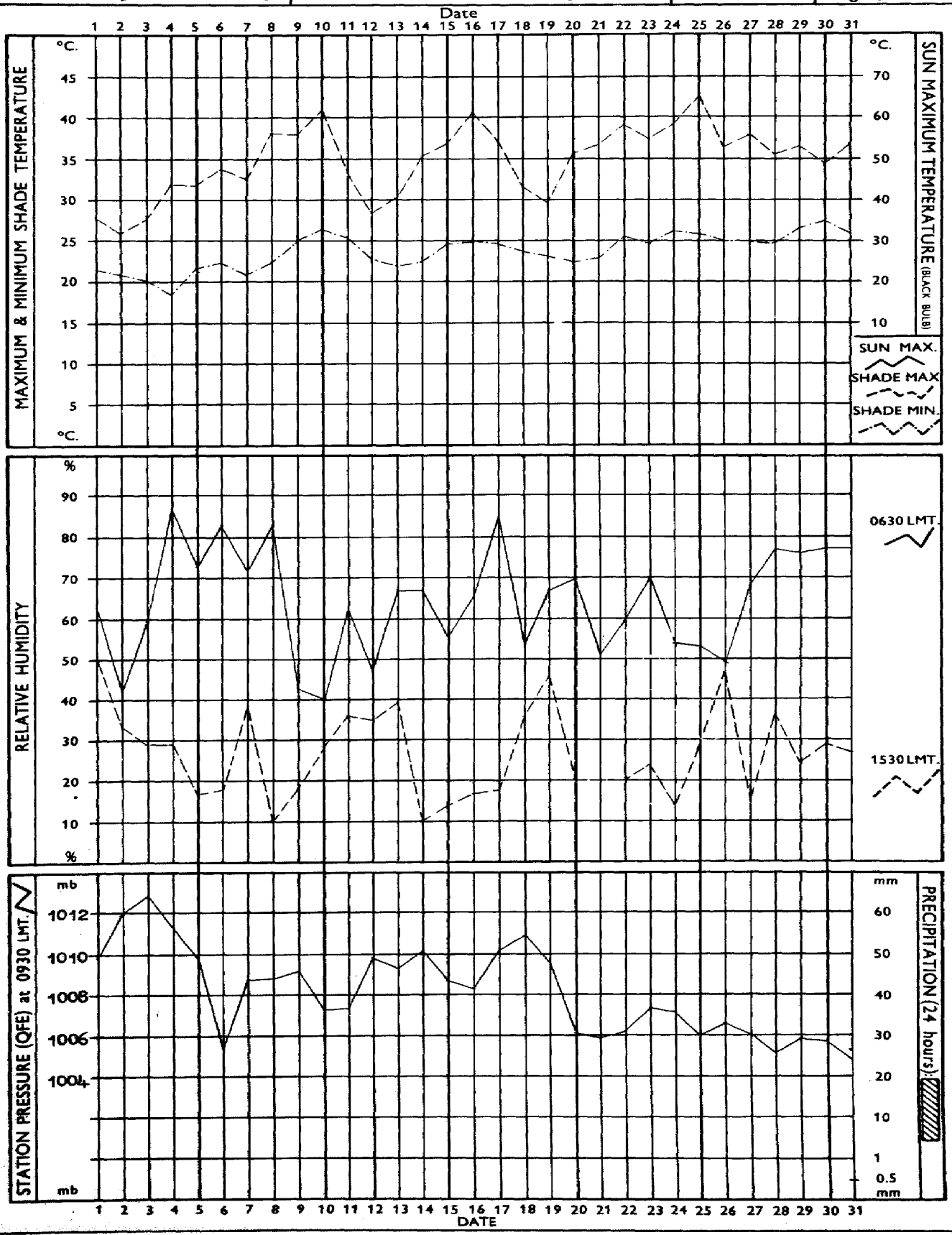
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
25.0	18.8	14.7	16.8	53	1008.6	330	10	0	7		27.8	21.6	21.2		350	37	0	Haze	1
24.0	16.4	10.4	12.6	42	1010.2	300	12	0	20		26.0	21.0	20.2		360	37	0	Clear	2
24.8	17.4	12.0	14.0	45	1009.7	350	10	0	20		27.5	20.0	19.6		360	25	0	"	3
27.8	17.6	9.7	12.0	32	1008.6	320	12	0	20		32.0	18.4	16.2		330	21	0	"	4
27.6	17.0	8.2	10.9	30	1005.4	300	8	0	20		31.7	21.8	19.8		360	22	0	"	5
30.0	19.6	12.5	14.5	34	1005.5	180	8	8	15		33.7	22.6	22.2		220	28	0	Haze	6
28.0	19.4	13.7	15.7	42	1006.2	330	8	0	10		32.6	21.0	18.3		300	15	0	"	7
33.6	18.6	6.1	9.5	18	1007.0	–	0	5	20		38.2	22.5	20.6		350	9	0	"	8
31.6	20.4	13.1	15.1	33	1006.7	330	10	3	15		38.0	25.0	23.7		090	12	0	Fair	9
33.4	20.4	11.5	13.6	27	1005.8	300	10	3	20		40.8	26.4	24.3		290	15	0	"	10
28.8	20.8	16.0	18.2	46	1005.9	330	18	X	0.8		33.4	25.5	24.6		320	26	0	Sandst.	11
25.4	18.4	13.6	15.6	48	1007.1	300	12	0	4		28.6	22.8	20.6		360	36	0	Haze	12
29.0	16.0	3.4	7.8	19	1007.0	320	10	0	20		30.2	22.0	20.5		350	39	0	Clear	13
30.0	18.2	9.0	11.5	27	1007.7	300	8	0	25		35.4	22.5	21.8				0	"	14
33.4	18.2	5.1	8.8	17	1005.6	300	10	0	25		36.8	24.5	23.3		360	22	0	"	15
35.0	19.8	8.3	11.0	20	1006.6	180	4	2	25		40.7	25.0	23.3		240	12	0	Fair	16
31.4	22.0	16.7	19.0	42	1008.2	300	15	0	1		37.3	24.5	22.2		010	30	0	Dust	17
28.8	19.0	12.1	14.1	36	1008.4	300	14	0	2		31.5	23.8	23.9		020	37	0	Haze	18
27.4	21.0	17.3	19.8	54	1005.2	280	10	0	20		29.8	23.2	21.8		329	26	0	Clear	19
31.2	19.6	11.5	13.6	30	1003.0	280	10	0	15		35.8	22.5	20.6		350	15	0	"	20
33.2	19.2	8.3	11.0	22	1003.9	300	10	0	25		36.7	23.0	20.0		360	20	0	"	21
36.0	20.4	9.0	11.5	19	1004.8	300	10	0	25		39.0	25.6	22.2		350	26	0	"	22
35.2	21.8	13.3	15.4	27	1005.7	340	10	0	7		37.5	24.8	23.8		360	24	0	Haze	23
33.8	23.0	17.0	19.5	37	1004.7	330	10	3	20		39.0	26.2	25.0		350	23	0	P.Cloudy	24
33.4	21.6	14.3	16.3	32	1004.5	250	10	4	10		42.5	26.0	25.4		290	19	0	Haze	25
33.6	21.6	14.2	16.2	31	1005.0	150	3	2	10		36.5	25.0	24.2		310	29	0	"	26
34.4	19.2	7.1	10.1	18	1003.3	270	2	7	15		38.0	25.0	25.0		310	15	0	"	27
32.0	23.0	18.2	20.9	44	1002.8	300	10	0	15		35.5	24.8	24.6		350	24	0	"	28
33.0	22.2	16.0	18.1	36	1003.1	300	10	0	20		36.5	26.6	25.4		360	28	0	Clear	29
32.6	20.0	11.3	13.4	28	1003.6	270	8	0	20		34.5	27.5	26.1		360	21	0	"	30
33.6	21.8	14.6	16.7	32	1002.7	290	10	0	20		36.8	26.0	24.2		360	19	0	"	31
30.9	19.8	11.9	14.3	33	1005.9	–	9	2	16		34.9	23.8	22.4						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

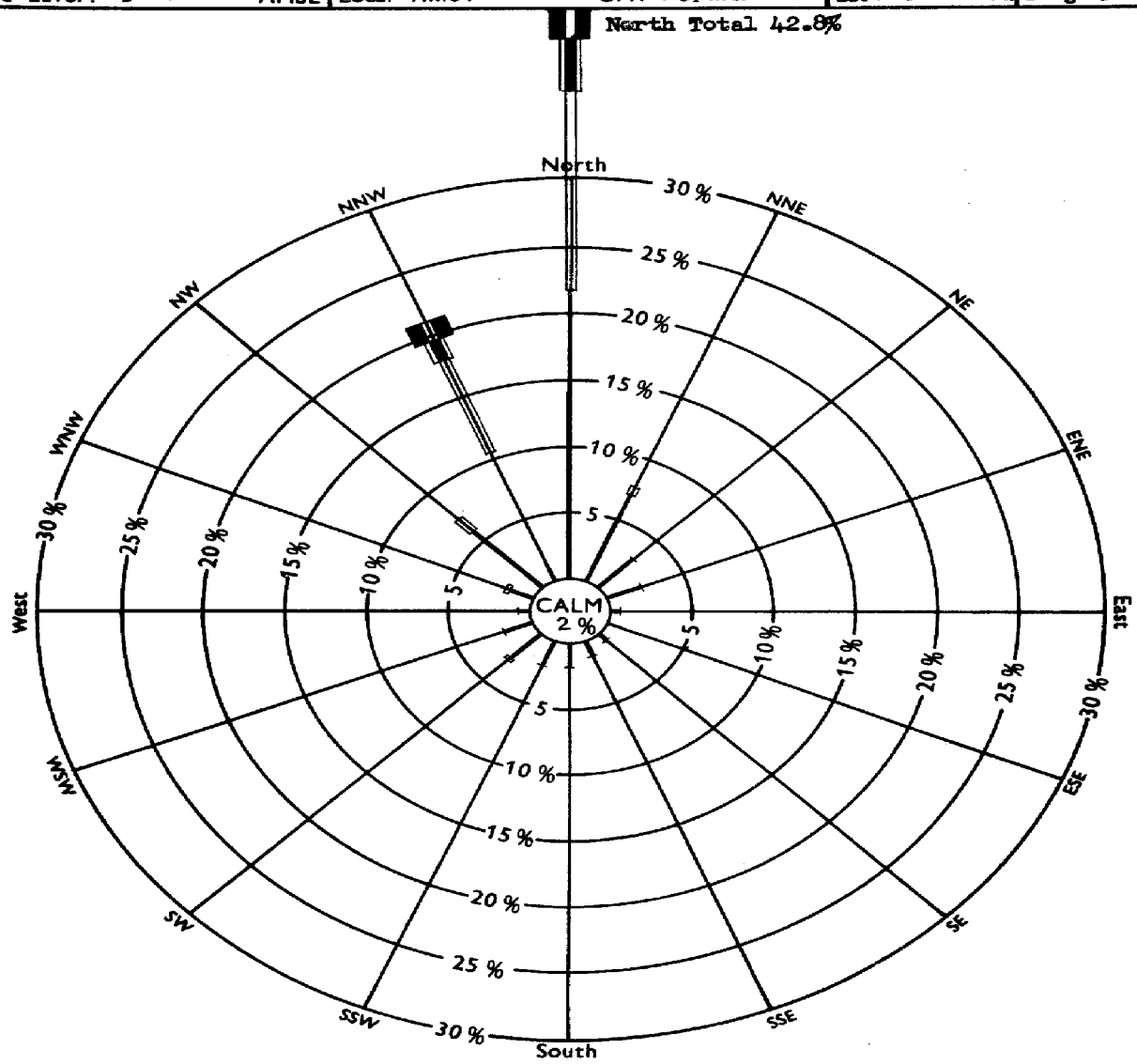
Met. Form 3b

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



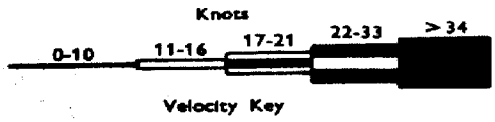
Met. Form 4

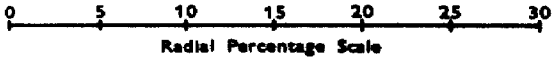
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : May	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



Hours in month 744

Hours recorded 674



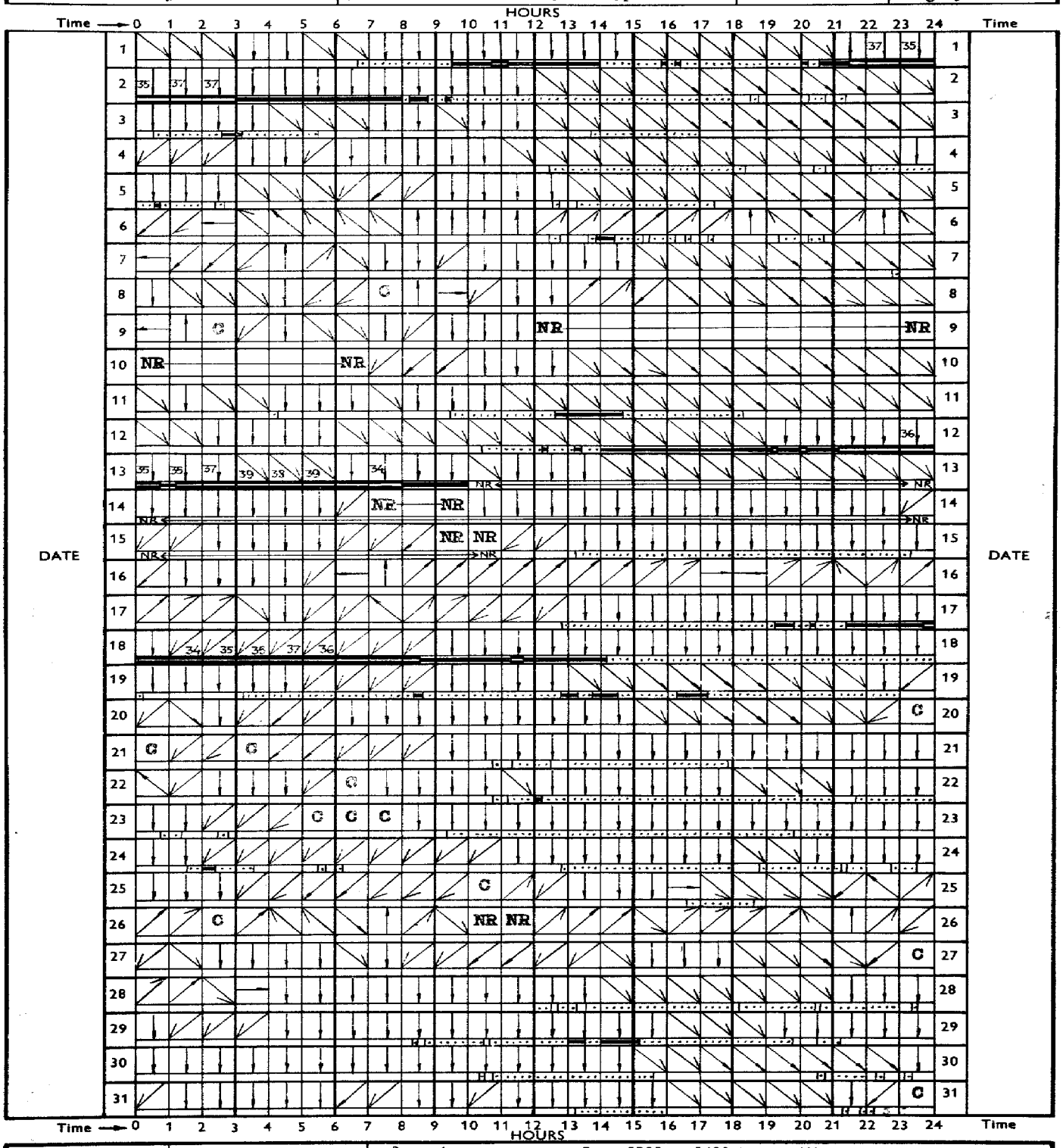


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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.

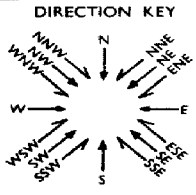
Remarks : The wind directions NNW, N and NNE constitute together 71.7% of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : May	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 : May Year : 1964
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Sheikh Shu'aib
		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	22.6	19.1	16.9	19.2	70	1006.6	280	2	2	6	28.6	24.4	22.4	27.2	70	1007.5	230	8	0	6	1
2	23.8	18.4	14.8	16.8	57	1006.9	280	19	0	15	29.1	18.7	11.1	13.2	33	1008.5	280	23	0	20	2
3	22.6	18.9	16.5	18.8	68	1008.8	300	5	0	6	34.2	16.6	-2.9	4.9	9	1009.5	300	9	0	15	3
4	22.6	20.9	20.0	23.4	85	1009.1	270	2	0	20	33.0	17.4	2.6	7.3	14	1008.9	270	10	0	30	4
5	24.0	22.0	20.9	24.8	83	1007.8	300	3	0	15	35.3	19.9	8.2	10.9	19	1006.3	300	4	0	30	5
6	23.6	22.4	21.8	26.2	90	1005.3	300	2	0	30	37.3	17.5	-4.6	4.2	7	1005.2	280	15	4	40	6
7	28.5	20.0	14.6	16.6	42	1005.6	330	1	0	24	35.9	20.0	10.5	12.7	22	1007.1	290	12	4	15	7
8	24.7	22.7	21.6	25.8	83	1006.5	300	5	0	35	37.3	20.5	7.7	10.6	17	1007.7	270	15	1	25	8
9	26.9	23.3	21.6	25.8	73	1005.2	300	2	0	15	33.6	25.5	21.8	26.2	50	1005.8	210	2	0	24	9
10	31.2	19.4	10.9	13.1	29	1004.8	350	3	0	20	30.7	25.3	22.9	27.9	63	1006.8	180	2	0	15	10
11	28.8	22.7	19.6	22.8	58	1003.3	300	3	0	15	31.0	25.5	23.1	28.2	63	1005.0	160	2	0	10	11
12	26.4	21.5	19.6	22.7	66	1003.2	310	12	0	1	32.6	21.7	15.2	17.2	35	1003.4	290	25	0	4	12
13	26.5	20.1	16.2	18.5	53	1003.8	300	15	0	6	33.2	20.9	12.9	14.9	29	1003.9	290	21	0	6	13
14	26.1	21.3	18.7	21.5	64	1006.2	300	11	0	20	37.5	19.6	5.3	9.0	14	1006.8	300	17	0	20	14
15	25.2	21.7	19.8	23.1	72	1006.2	280	2	0	10	29.4	25.0	20.2	23.8	58	1006.1	200	1	0	15	15
16	24.6	24.3	24.2	30.1	97	1007.4	110	3	0	25	29.2	26.4	25.3	32.2	79	1009.2	160	7	0	20	16
17	26.3	24.5	23.7	29.4	86	1008.8	130	2	0	15	29.8	26.5	25.2	32.0	76	1009.9	190	2	0	15	17
18	24.4	23.8	23.6	29.0	95	1006.7	270	2	0	20	29.9	25.4	23.4	28.8	68	1006.9	130	6	0	3	18
19	27.7	21.7	18.4	21.1	57	1004.6	290	13	0	6	34.3	19.5	8.1	10.8	20	1004.3	280	25	0	6	19
20	25.3	21.1	18.8	21.7	67	1002.3	300	6	0	20	30.0	24.6	22.1	26.6	63	1004.0	180	6	0	20	20
21	25.5	24.6	24.2	30.2	92	1004.2	090	3	0	6	28.7	25.8	24.6	30.9	78	1005.0	170	10	0	6	21
22	24.4	22.7	21.2	26.2	86	1005.8	310	1	0	20	30.6	26.1	24.2	30.2	69	1007.9	190	5	0	25	22
23	25.7	25.0	24.8	31.0	93	1005.6	270	1	0	6	29.0	27.3	26.7	35.0	87	1008.0	180	3	0	1.2	23
24	25.4	24.8	24.6	30.8	95	1006.5	300	1	0	10	30.2	27.4	26.3	34.2	80	1007.6	150	5	0	15	24
25	26.3	26.0	25.9	33.4	98	1005.4	260	1	X	0.1	30.8	27.4	26.1	33.8	76	1006.8	020	6	3	6	25
26	25.9	24.6	24.1	29.9	90	1005.4	300	1	6	20	39.2	19.3	0.8	6.5	9	1006.4	280	20	3	20	26
27	29.1	21.5	17.2	19.6	49	1004.4	310	2	1	24	38.8	21.8	10.3	12.5	18	1004.3	300	17	0	30	27
28	28.2	26.0	25.1	31.9	83	1003.2	270	4	0	30	36.2	22.3	13.8	15.8	26	1002.9	280	22	0	25	28
29	28.0	24.5	22.9	28.0	74	1002.3	270	5	0	6	33.8	26.0	22.6	27.4	52	1003.2	270	14	0	6	29
30	27.2	25.5	24.8	31.3	87	1004.1	120	8	0	15	30.3	27.4	26.3	34.2	79	1005.3	180	5	0	15	30
31	27.8	25.3	24.2	30.3	81	1004.5	120	4	0	6	30.2	26.8	25.4	32.5	75	1004.9	180	7	0	6	31
Av.	26.0	22.6	20.7	24.9	75	1005.5	–	5	1	15	35.4	23.2	16.4	21.4	47	1006.3	–	11	1	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)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

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

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

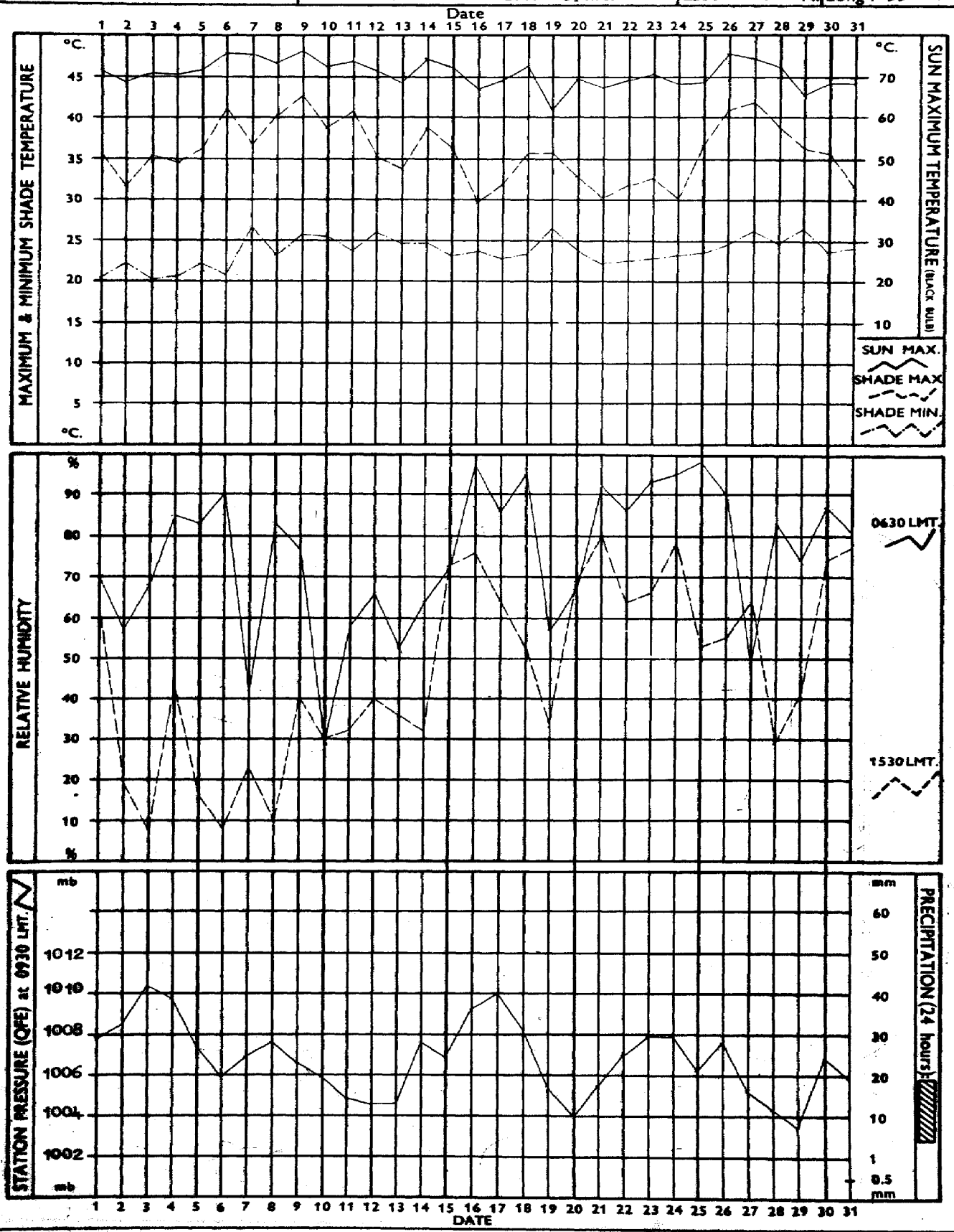
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
25.7	23.6	22.6	27.5	83	1005.9	230	5	0	6	23.7	35.7	20.4	17.1	71.3			0	Haze	1
24.6	17.7	12.8	14.8	48	1006.8	270	20	0	15	23.2	31.6	22.0	19.2	68.8	290	35	0	Clear	2
27.5	18.3	12.1	14.1	41	1009.0	280	8	0	24	22.0	35.4	20.2	18.3	70.8	280	29	0	Haze	3
28.4	18.0	10.0	12.3	33	1006.6	270	12	0	40	24.2	34.7	20.5	16.8	70.6	300	37	0	Clear	4
28.9	19.6	13.4	15.4	39	1005.5	280	5	0	24	22.7	36.2	22.1	18.2	71.7	300	28	0	"	5
29.6	20.5	14.8	16.9	42	1004.8	290	15	5	35	24.6	41.5	20.8	17.4	75.8	290	26	0	P.Cloudy	6
27.9	21.9	18.6	21.4	57	1005.9	290	4	2	6	24.5	36.7	26.6	23.7	75.6	300	27	0	Haze	7
33.2	19.3	8.7	11.3	22	1005.0	280	12	2	20	24.2	40.4	23.2	24.4	73.8	300	33	0	Fair	8
32.0	21.5	15.2	17.2	36	1004.2	280	15	0	10	24.4	42.7	25.7	26.8	76.2	300	34	0	Clear	9
29.5	26.1	24.7	31.1	75	1005.1	160	2	0	20		38.6	25.4		72.4	340	20	0	"	10
30.6	23.1	19.2	22.3	51	1002.0	290	19	0	6	26.0	40.7	23.8		73.9	300	36	0	Haze	11
26.9	21.5	18.6	21.3	60	1002.3	280	25	0	8	23.5	35.1	25.9		71.4	290	43	0	Dust	12
28.5	21.4	17.4	19.9	51	1003.0	300	15	0	6	23.7	33.9	24.7		68.8	300	42	0	Haze	13
30.6	20.1	13.1	15.1	34	1005.0	290	17	0	30	24.6	38.8	24.7		74.1	290	38	0	Clear	14
28.0	24.2	22.4	27.2	72	1004.8	200	1	0	24	24.4	36.4	23.2		72.2	300	20	0	"	15
28.2	25.7	24.7	31.0	81	1007.5	210	3	0	24	25.3	29.8	23.6		67.3			0	"	16
28.8	26.2	25.2	32.0	80	1007.8	300	1	0	10	25.7	32.0	22.7		69.1			0	"	17
28.7	24.4	22.4	27.1	69	1004.6	300	5	0	8	26.1	35.7	23.3	20.8	72.8	300	24	0	Haze	18
28.0	20.0	14.9	17.9	45	1001.6	290	24	0	6	24.7	35.7	26.4	24.8	61.7	300	49	0	"	19
27.5	24.9	23.8	29.4	80	1002.3	220	6	0	20	24.4	32.9	23.8	21.2	69.8	320	21	0	Clear	20
27.7	25.0	23.8	29.6	80	1003.7	160	1	0	6	25.7	30.2	22.2	18.5	67.1	140	15	0	Mist	21
30.8	23.7	20.2	23.7	53	1005.5	300	1	0	30	27.8	31.9	22.4	18.3	69.3			0	Clear	22
30.0	27.0	25.8	33.2	78	1005.9	130	1	0	15	27.6	32.7	22.8	18.4	70.5	160	4	0	Mist	23
28.5	26.8	25.8	33.3	86	1004.7	270	3	0	15		30.5	23.2	20.9	68.5			0	"	24
32.2	24.2	20.3	23.8	50	1004.8	270	7	7	6	27.4	36.7	23.5	21.9	68.9	300	15	0	Fog	25
33.5	20.9	12.7	14.7	28	1004.6	300	16	2	30	26.7	41.0	24.5	20.0	75.9	300	21	0	P.Cloudy	26
33.2	22.7	14.8	19.2	38	1003.0	290	5	3	24	27.1	41.8	26.2	23.0	74.3	300	37	0	Fair	27
31.8	24.1	20.3	23.9	51	1001.7	290	18	0	15	26.7	38.8	24.8	22.7	72.1	300	34	0	Clear	28
31.2	23.1	18.9	21.8	48	1002.1	280	18	0	6	27.5	36.5	26.5	23.8	65.8	300	38	0	Haze	29
31.7	22.7	17.8	20.4	44	1002.9	310	15	0	20	27.4	35.9	23.6	19.4	68.3	300	26	0	Clear	30
29.4	26.2	24.9	31.4	76	1003.8	270	3	0	10	26.8	31.7	24.2	21.5	68.3	310	16	0	Haze	31
29.5	22.7	18.7	22.6	56	1004.6	–	10.1		17	25.3	35.8	23.7	20.8	70.9					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

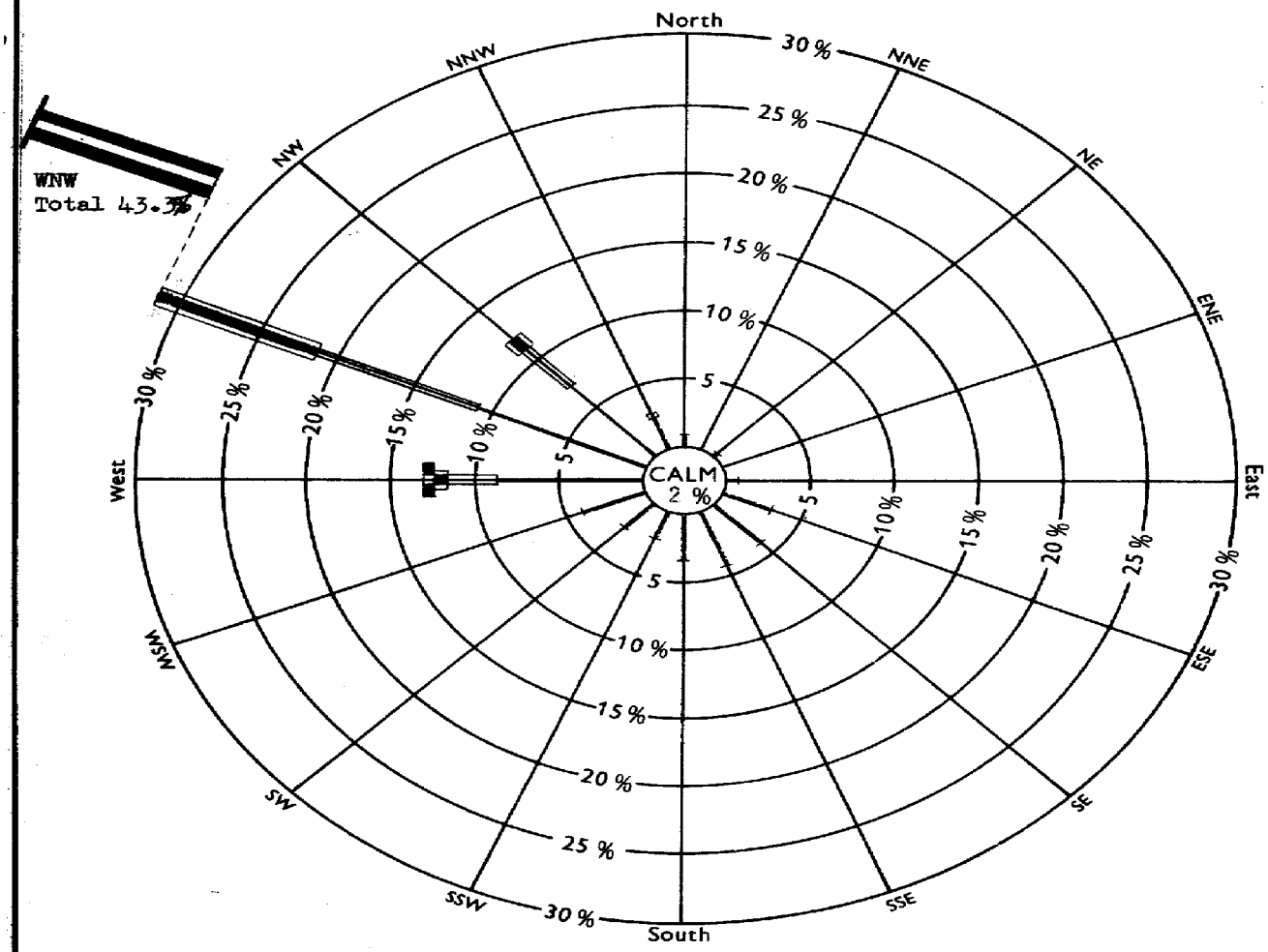
Met. Form 3b

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



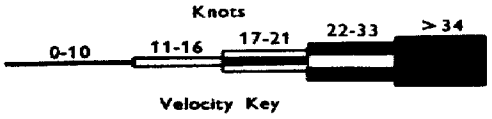
Met. Form 4

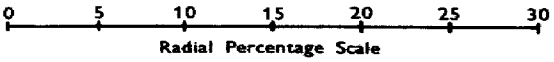
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : May	Year : 1964
		Station : Sheikh Sha'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 744

Hours recorded 722





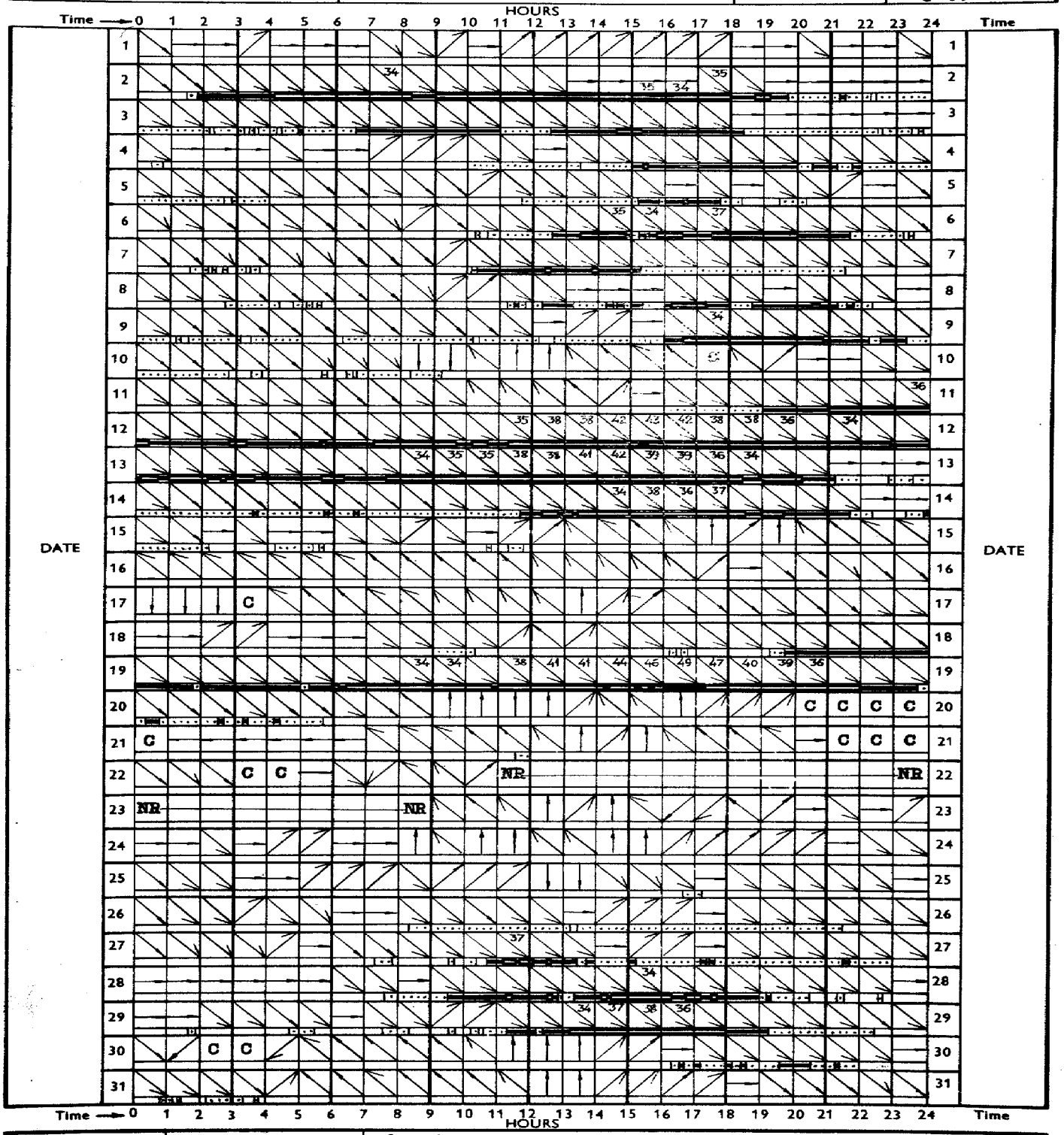
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 : The wind directions W, WNW and NW constitute together 58.5% of all observations.

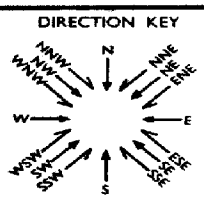
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : May	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

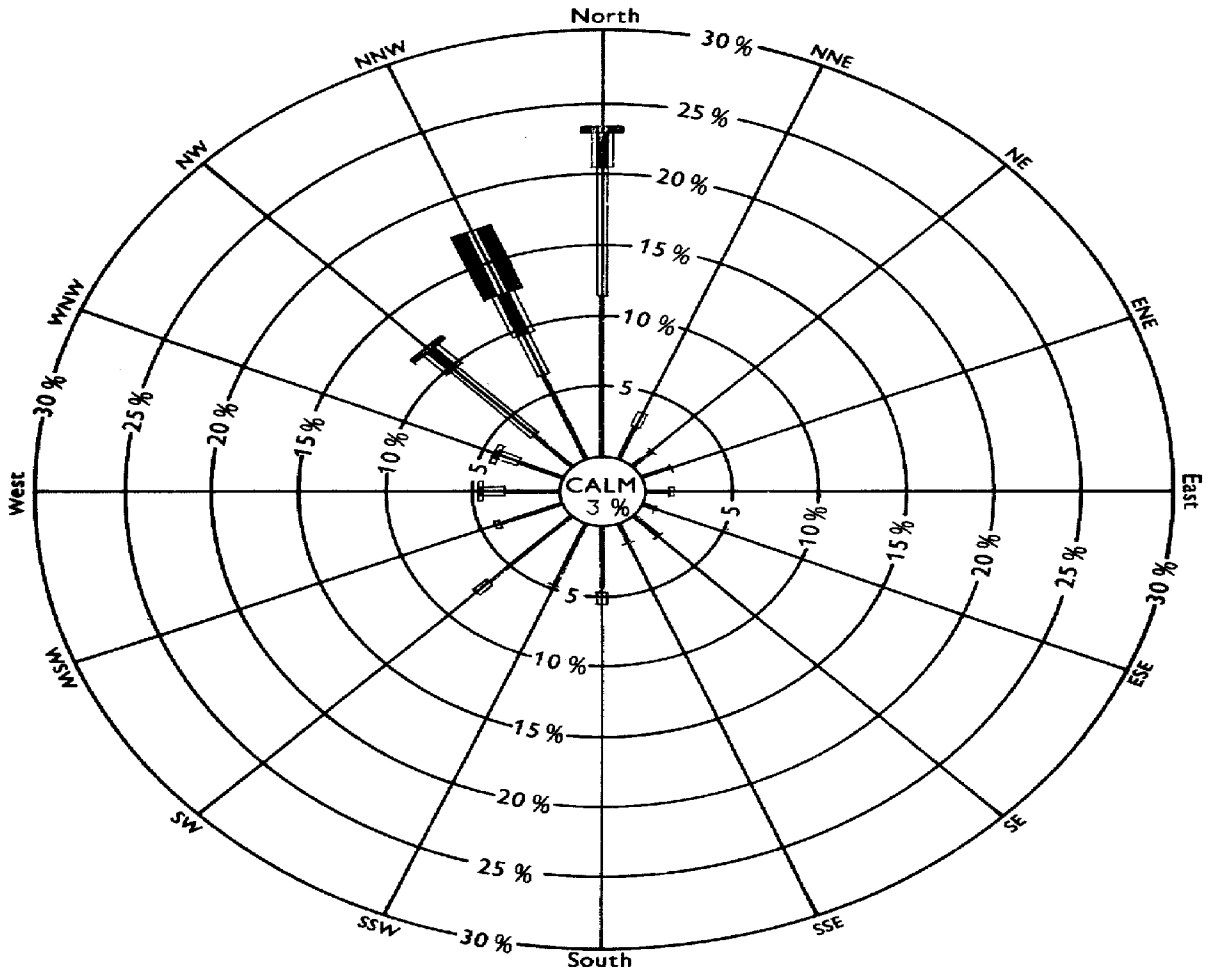


Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

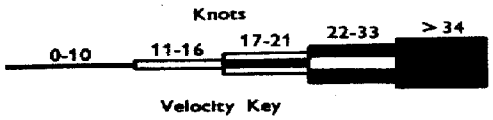
Met. Form 6

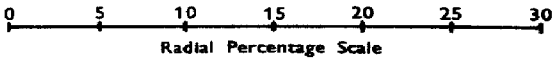
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : May	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



Hours in month 744

Hours recorded 744





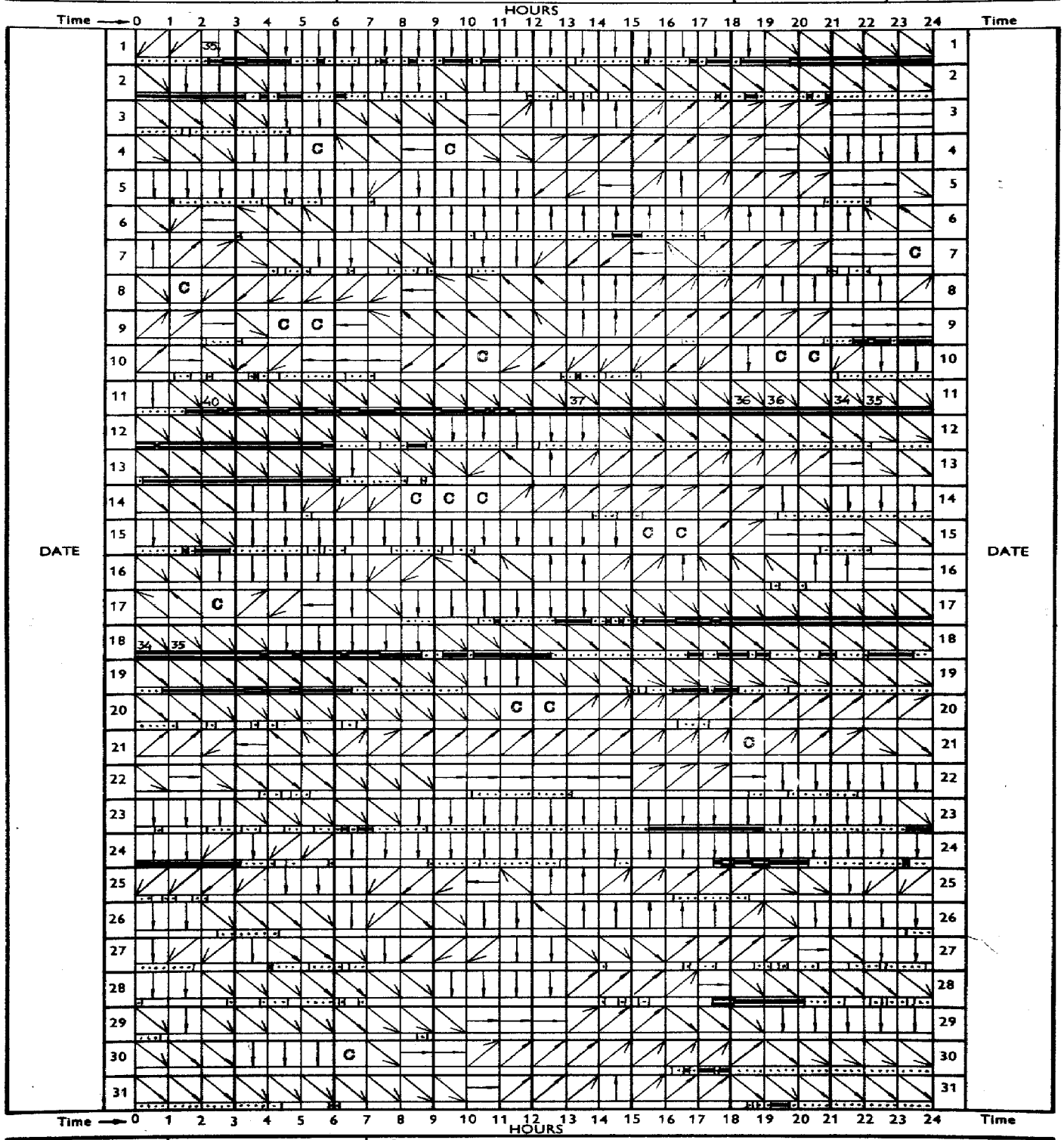
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 52.9% of all observations.

Met. Form 5

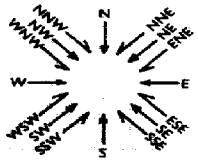
IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : May	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



VELOCITY KEY

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

DIRECTION KEY



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

MEAN SEA LEVEL PRESSURE (QFF) MB

MAY 1964.

Date	Masjid-i-Sulaiman			Agha Jari			Gach Saran			Ahwaz		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1010.2	1011.5	1009.5	1010.7	1012.2	1010.0	1005.9	1007.7	1005.6	1011.0*	1012.4*	1010.5
2	1011.0	1010.6	1009.6	1012.7	1013.3	1010.8	1008.9	1008.2	1009.3	1011.9	1012.1	1010.4
3	1011.0	1011.7	1010.0	1012.4	1013.3	1010.4	1009.7	1009.6	1008.0	1011.4	1012.3	1010.0
4	1010.7	1011.1	1009.6	1011.9	1011.3	1009.7	1010.1	1008.6	1007.8	1011.0	1012.0	1009.8
5	1009.7	1009.2	1005.8	1011.0	1010.6	1006.2	1008.7	1006.8	1004.2	1011.0	1010.0	1006.1
6	1003.9	1002.9	1003.1	1005.7	1004.8	1006.0	1004.9	1003.9	1005.3	1004.6	1003.0	1003.5
7	1007.7	1007.6	1006.7	1008.9	1009.7	1007.5	1006.9	1006.4	1005.7	1007.7	1008.6	1006.7
8	1009.4	1007.7	1006.3	1010.4	1009.4	1007.1	1008.8	1007.4	1006.3	1009.3*	1008.7*	1006.1
9	1008.7	1008.3	1006.7	1009.4	1009.4	1007.0	1007.7	1007.0	1005.3	1008.6	1008.9	1006.5
10	1007.9	1009.8	1007.3	1008.3	1009.3	1006.5	1005.7	1004.8	1004.2	1008.3	1009.3	1007.8
11	1007.2	1008.0	1007.7	1008.3	1008.8	1008.1	1004.8	1004.1	1003.7	1008.5	1009.6	1008.9
12	1008.8	1008.1	1006.8	1011.0	1010.2	1006.5	1005.5	1004.7	1004.5	1010.5	1009.7	1007.2
13	1007.8	1007.9	1006.4	1009.5	1010.0	1007.6	1006.6	1005.8	1005.4	1009.0	1009.2	1006.7
14	1009.9	1010.2	1009.1	1010.5	1010.4	1009.0	1008.0	1007.8	1007.2	1009.7	1011.0	1009.5
15	1008.9	1008.3	1006.5	1009.9	1009.5	1006.9	1007.6	1006.4	1005.3	1009.7*	1009.9*	1006.8
16	1006.8	1006.6	1006.0	1007.9	1008.2	1007.6	1006.9	1006.5	1006.2	1007.0	1007.1	1006.1
17	1007.4	1009.7	1008.9	1009.9	1010.7	1009.4	1007.5	1007.1	1006.7	1008.9	1010.6	1010.1
18	1010.5	1009.9	1008.1	1011.9	1012.0	1009.4	1008.0	1006.9	1006.7	1012.2	1011.6	1009.0
19	1008.0	1006.9	1005.1	1010.3	1008.8	1005.4	1006.9	1003.0	1003.8	1009.2	1008.1	1005.2
20	1005.9	1004.6	1002.8	1006.4	1006.1	1003.5	1003.7	1002.6	1001.8	1005.7	1005.7	1003.0
21	1004.7	1005.0	1004.8	1005.9	1006.2	1004.5	1003.9	1003.2	1002.8	1005.1	1006.0	1003.7
22	1005.1	1006.0	1006.5	1006.0	1007.2	1005.9	1004.7	1003.6	1003.5	1005.6*	1007.7*	1006.2
23	1007.0	1008.6	1008.0	1007.7	1008.6	1007.3	1004.8	1004.2	1003.8	1007.5	1009.2	1007.4
24	1008.0	1007.9	1005.4	1007.9	1007.6	1005.7	1005.4	1004.5	1003.2	1008.1	1008.6	1006.5
25	1006.3	1005.9	1005.5	1006.3	1006.6	1005.2	1004.3	1003.7	1002.9	1006.6	1006.3	1005.6
26	1005.6	1004.9	1004.5	1005.8	1006.4	1004.3	1005.5	1003.3	1003.3	1005.6	1006.2	1004.7
27	1005.9	1005.4	1003.7	1006.4	1005.4	1003.8	1004.4	1003.0	1001.9	1006.6	1006.4	1004.3
28	1005.9	1004.0	1002.4	1004.7	1005.0	1003.4	1002.5	1001.0	1000.4	1005.3	1005.0	1002.4
29	1004.4	1004.9	1003.6	1006.6	1005.7	1004.6	1002.8	1001.8	1001.8	1004.7*	1006.0*	1004.4
30	1004.8	1003.2	1002.1	1005.8	1005.6	1003.1	1002.9	1001.9	1001.3	1005.3	1005.1	1002.7
31	1003.6	1003.4	1001.5	1005.6	1005.2	1003.1	1003.1	1001.8	1001.2	1004.7	1005.1	1002.5
Av.	1007.5	1007.4	1006.1	1008.2	1008.6	1006.6	1006.0	1005.6	1004.5	1008.1	1008.4	1006.4

Date	Abadan			Bander Mashur			Kharg Island			Sheikh Shu'aib		
	0630	1230	1830	0630	1230	1830	0630	1230	1830	0630	1230	1830
1	1011.0*	1013.4*	1011.7	1009.9	1011.8	1009.9	1008.3	1010.7	1009.0	1007.0	1007.9	1006.3
2	1012.6	1013.3	1011.7	1011.8	1012.0*	1011.5	1011.1	1012.8	1010.6	1007.3	1008.2	1007.2
3	1012.4	1013.2	1010.8	1011.6	1012.3	1009.7	1012.0	1012.9	1010.1	1009.2	1009.9	1009.4
4	1011.3	1012.1	1009.9	1010.9	1011.2	1009.1	1011.3	1011.3	1009.0	1009.5	1009.3	1007.0
5	1010.5	1010.4	1006.3	1010.3	1009.8	1005.7	1009.4	1010.1	1005.8	1008.2	1006.7	1005.9
6	1004.3	1003.3	1003.6	1004.3*	1004.5*	1004.6*	1005.7	1005.7	1005.9	1005.7	1005.6	1005.2
7	1008.4	1009.5	1007.8	1007.6*	1008.4*	1006.6	1007.3	1009.2	1006.6	1006.0	1007.5	1006.3
8	1009.0*	1009.1*	1007.4	1009.0	1008.7	1006.5	1008.3	1009.1	1007.4	1006.9	1008.1	1005.4
9	1008.6	1008.2	1007.7	1007.9	1009.5	1006.9	1008.4	1008.6	1007.1	1005.6	1006.2	1004.6
10	1008.0	1008.1	1006.8	1007.2	1008.2	1006.1	1007.1	1007.6	1006.2	1005.2	1007.2	1005.5
11	1009.4	1011.2	1010.4	1007.9	1008.7*	1008.5	1006.4	1007.3	1006.3	1003.7	1005.4	1002.4
12	1011.5	1011.2	1008.8	1010.6	1009.7	1007.5	1009.4	1009.7	1007.5	1003.6	1003.8	1002.7
13	1010.0	1010.1	1008.1	1008.8	1009.2	1007.0	1008.4	1009.6	1007.4	1004.2	1004.3	1003.4
14	1009.8	1011.7	1009.5	1009.3	1010.4	1008.4	1009.3	1010.5	1008.1	1006.6	1007.2	1005.4
15	1010.7*	1009.5*	1007.1	1009.4	1008.8	1006.5	1009.0	1009.1	1006.0	1006.6	1006.5	1005.2
16	1007.4	1007.3	1006.0	1006.6	1007.4	1006.5	1007.0	1008.7	1007.0	1007.8	1009.6	1007.9
17	1009.7	1011.6	1011.4	1008.3	1010.0	1009.7	1009.0	1010.3	1008.6	1009.2	1010.3	1008.2
18	1012.8	1012.9	1010.6	1012.1	1011.9	1009.4	1010.4	1011.3	1008.8	1007.1	1007.3	1005.0
19	1010.3	1009.2	1006.1	1009.2	1007.9	1005.3	1008.2	1009.1	1005.6	1005.0	1004.7	1002.0
20	1006.5	1005.5	1003.1	1005.8	1005.2	1003.1	1005.1	1005.9	1003.4	1002.7	1004.4	1002.7
21	1005.3	1005.9	1003.8	1005.0	1005.9	1003.9	1004.5	1006.1	1004.3	1004.6	1005.4	1004.1
22	1006.1*	1007.6*	1006.2	1005.1	1006.4	1005.5	1005.1	1007.1	1005.2	1006.2	1008.3	1005.9
23	1008.5	1009.4	1007.4	1007.0	1008.2	1007.0	1006.3	1008.0	1006.1	1006.0	1005.4	1004.3
24	1008.2	1008.6	1007.1	1007.0	1007.3	1005.1	1007.1	1006.8	1005.1	1006.9	1008.0	1005.1
25	1006.4	1006.3	1005.1	1005.7	1005.9	1004.9	1005.1	1006.5	1004.9	1005.8	1007.2	1005.2
26	1005.4	1006.5	1004.4	1005.4	1005.4	1004.1	1005.5	1006.2	1005.4	1005.8	1006.8	1005.0
27	1006.5	1005.9	1004.5	1005.7	1005.2	1003.3	1005.4	1005.8	1003.7	1004.8	1004.7	1003.4
28	1005.7	1005.7	1004.7	1004.8	1004.8	1003.6	1004.4	1005.0	1003.2	1003.6	1003.3	1002.1
29	1005.1*	1006.6*	1004.9	1004.4	1005.3	1004.1	1004.6	1005.9	1003.5	1002.7	1003.6	1002.5
30	1006.1	1006.3	1004.0	1004.9	1005.1	1002.8	1005.0	1006.1	1004.0	1004.5	1005.7	1003.3
31	1005.3	1005.7	1004.2	1004.6	1005.1	1002.7	1004.2	1005.0	1003.1	1004.9	1005.3	1004.2
Av.	1008.5	1008.9	1007.1	1007.7	1008.1	1006.3	1007.4	1008.3	1006.3	1005.9	1006.7	1005.0

Met. Form 9

IRANIAN OIL EXPLORATION AND PRODUCING COMPANY

AIR SERVICES

LIBRARY
OCT 9 1961
WEATHER BUREAU

METEOROLOGICAL OBSERVATIONS

FOR

JUNE 1964

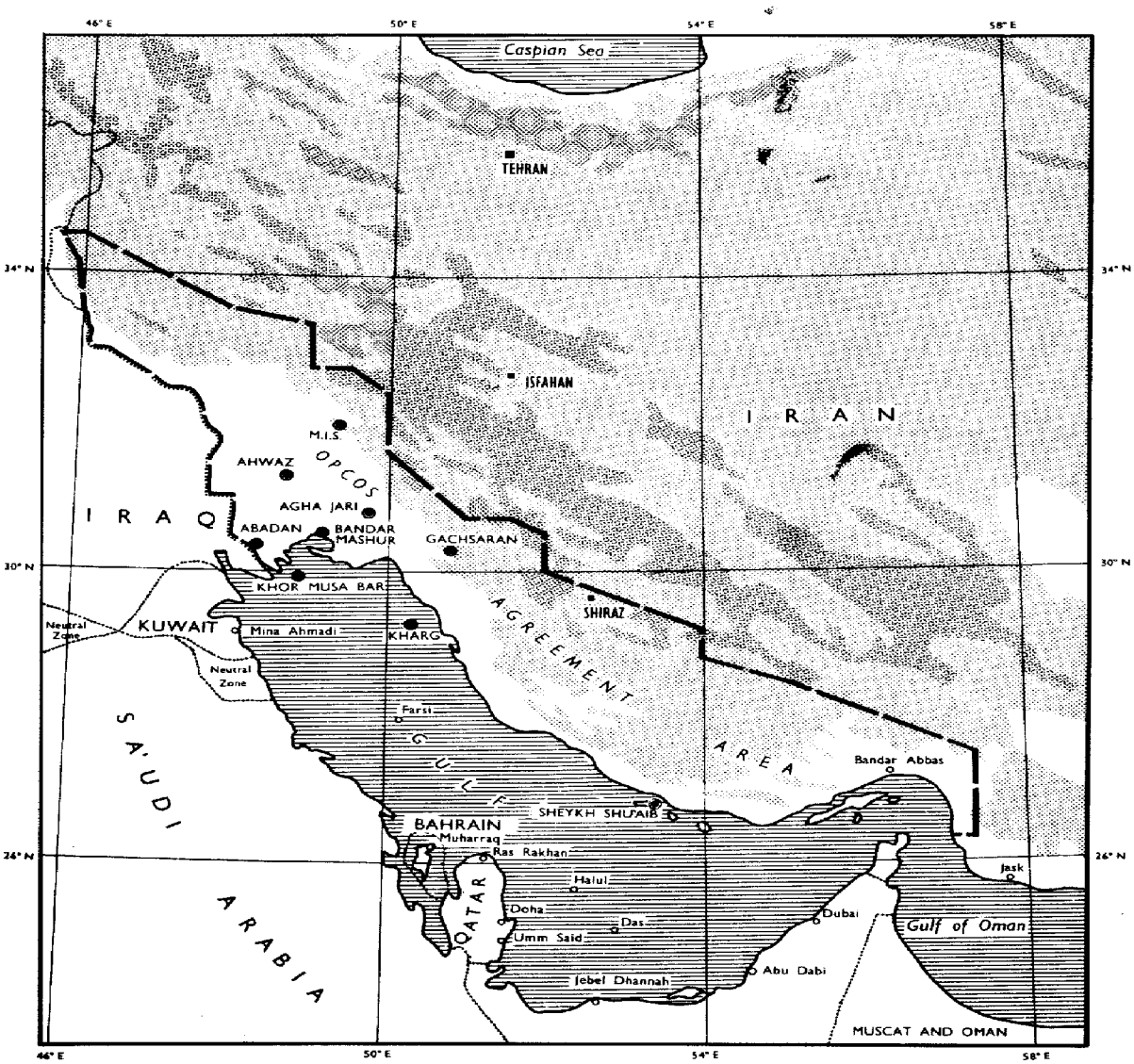
209.

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		

WEATHER BULLETIN

June 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
Sheikh Shu'aib (Decca Navigator Stn.) 3)	40 882	26°48' N	53°22' E	2 m.	33
Khor Musa (Instrument platform) 4)	-	30°00' N	49°02' E	6 m.	38

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

REMARKS.

See "Remarks" in the January 1964 bulletin.

WEATHER.

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

	Maximum Temp. °C	Minimum Temp. °C	Ground Min.Temp. °C	Sun Max. Temp. °C	Sea Temperature °C	Relative Humidity Average of day %	Station Pressure at 0930. mb
Masjid-i-Sulaiman	+0.2	+1.5	-0.4	+0.7		-4	-1.2
Agha Jari	+1.8	-0.7				-5	-1.2
Gach Saran	+1.0	-0.6	+1.2	±0.0		-8	-0.9
Ahwaz	+2.0	+1.9					
Abadan	+1.7	+0.7				-5	-0.8
Bandar Mashur	+0.5	+0.8		+1.3			-0.9
Kharg Island	+1.5	+1.7	+2.7			-7	-1.2
Sheikh Shu'aib	-0.2	+0.8		+0.9	-0.6	+3	-0.9

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
6th	0920	Agha Jari	solar		8/8 Cirrostratus

EARTHTREMORS ETC.

Earthtremors were observed at the following occasions.

Date	Time	Station	Remarks
8th	1824	Gach Saran	Very weak
10th	1235	Masjid-i-Sulaiman	

T. Bergquist

T. Bergquist
Meteorologist
IMCOS Ltd.

211.

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER SUMMARY

Month : June 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	43.4	45.6	4	27.7	24.9	12	22.7	19.0	8		73.7	75.3	24	7.2	36.3	11	7	19	0	0	-	960.7	966.8	3	956.6	29	28	300	16
Agha Jari	46.4	49.2	17	24.6	21.2	26	22.5	20.0	11					9.0	33.0	13	6	24	0	0	-	998.5	1005.1	3	993.6	29	45	310	19
Gach Saran	41.5	43.6	25	21.9	19.4	11	21.5	18.7	11		72.5	74.0	24	5.5	36.2	11	4	22	0	0	-	922.6	928.9	3	918.1	29			
Ahwaz	45.9	47.8	17	25.4	20.8	12	23.6	19.8	12					10.2	30.7	18	9	33	0	0	-	998.3	1004.4	3	993.6	26			
Abadan	44.4	48.1	5	27.1	23.8	3	25.1	20.2	1			79.1	16	13.2	27.3	22	11	36	0	0	-	1001.1	1006.4	2	996.8	26			
Bandar Mashur	44.0	47.4	5	25.7	23.5	19	23.7	19.8	19		75.2	78.8	25	15.4	23.7	28	12	46	0	0	-	1000.3	1006.1	3	995.8	26	40	310	19
Kharg Island	38.6	42.2	27	28.5	26.0	2	26.9	24.1	2					24.8	11.8	45	32	66	0	0	-	1000.2	1006.7	3	995.3	29			
Sheikh Shu'aib	35.4	40.6	11	26.4	23.2	1					69.8	75.1	11	32.8	6.6	75	65	87	0	0	-	1000.0	1007.8	4	994.6	29	28	290	30
Khor Musa																											41	350	19

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	0	0	25	5	0	0	0	27	3	0	0	1	3	2	9	4	8	3	0	4	0	0	0	0	0	0	0	1	28	0.3
Agha Jari	0	0	0	0	3	27	0	0	0	29	1	0	6	0	1	0	8	11	4	0	0	7	0	0	0	0	0	0	0	2	28	0.8
Gach Saran	0	0	0	2	28	0	0	0	5	25	0	0	0	3	3	3	6	6	8	1	0	6	0	0	0	0	0	0	0	0	30	0.3
Ahwaz	0	0	0	0	3	27	0	0	0	29	1	0	1	3	2	2	8	10	2	2	0	6	0	0	0	0	0	0	0	0	29	0.9
Abadan	0	0	0	1	17	12	0	0	0	28	2	0	2	3	6	3	4	5	6	1	0	11	0	0	0	0	0	0	0	1	28	1.1
Bandar Mashur	0	0	0	0	21	9	0	0	0	30	0	0	4	2	3	2	10	2	7	0	0	9	0	0	0	0	0	0	0	0	29	1.1
Kharg Island	0	0	0	22	8	0	0	0	0	27	3	0	0	1	2	3	6	4	14	0	0	3	0	0	0	0	0	0	0	0	30	0.3
Sheikh Shu'aib	0	0	0	28	2	0	0	0	0	30	0	0	1	2	2	4	2	13	6	0	3	2	0	0	0	0	0	0	0	2	26	0.6

Met. Form 2

4.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : June 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	29.2	14.8	-1.7	5.4	13	965.2	–	0	1	25	40.8	18.8	-4.8	4.1	5	964.8	260	10	0	30	1
2	33.6	17.2	1.0	6.6	13	965.4	–	0	0	15	41.4	21.5	6.6	9.8	12	965.7	270	14	0	30	2
3	35.4	18.0	1.4	6.8	12	966.2	070	6	0	30	43.0	20.0	-2.6	5.0	6	966.0	050	20	1	30	3
4	32.0	17.0	2.7	7.5	16	965.7	300	2	0	30	43.2	20.6	0.3	6.3	7	965.3	350	10	1	30	4
5	31.1	16.4	1.7	7.0	15	964.7	–	0	4	20	43.0	20.5	0.1	6.2	7	964.9	200	8	1	25	5
6	31.9	18.1	6.7	9.8	21	963.0	360	2	7	4	42.5	20.7	1.7	7.0	8	962.4	260	12	1	5	6
7	32.1	16.1	-1.2	5.5	12	961.6	–	0	0	20	40.5	18.0	-9.6	2.9	4	962.0	270	18	0	25	7
8	23.4	17.0	0.5	6.3	12	960.7	300	5	0	20	40.8	18.6	-6.1	3.7	5	961.4	310	10	0	15	8
9	32.0	16.5	0.6	6.4	13	960.0	030	6	0	30	41.7	19.0	-5.6	3.9	5	961.3	340	10	0	30	9
10	28.7	14.3	-2.8	4.9	12	963.2	090	2	0	2	40.7	19.3	-1.8	5.3	7	963.1	250	10	0	3	10
11	26.9	14.3	0.2	6.3	18	962.0	–	0	0	15	40.1	18.0	-8.8	3.0	4	961.4	250	10	0	30	11
12	29.5	14.8	-2.2	5.2	13	959.0	110	6	0	15	40.1	18.5	-5.0	4.1	6	958.2	120	8	0	10	12
13	29.6	15.4	0.1	6.2	15	957.6	–	0	0	2	42.2	19.2	-5.6	3.9	5	958.0	180	4	0	2	13
14	30.0	18.1	8.8	11.4	27	959.2	–	0	0	1.5	40.8	19.3	-2.0	5.2	7	959.9	250	8	0	2.5	14
15	30.8	17.0	4.3	8.4	19	959.5	–	0	0	8	41.1	19.6	-1.1	5.7	7	961.3	180	6	0	8	15
16	28.2	14.2	-2.5	5.0	13	960.3	–	0	0	6	41.6	20.2	1.0	6.6	8	960.0	320	10	0	12	16
17	30.0	16.4	3.2	7.7	18	960.4	290	3	0	18	43.2	21.2	3.0	7.6	9	960.5	280	8	0	20	17
18	31.0	18.6	8.9	11.5	23	961.0	–	0	0	20	40.0	20.6	5.1	8.9	12	960.8	200	12	0	40	18
19	28.0	16.0	4.8	8.6	23	959.6	–	0	0	1	39.5	20.5	5.4	9.0	13	960.1	280	10	0	3	19
20	27.4	16.8	8.0	10.7	30	958.3	–	0	0	3	39.2	21.5	9.0	11.6	16	958.7	280	8	0	6	20
21	28.0	18.5	11.7	13.7	36	958.3	090	2	0	8	41.0	20.5	3.3	7.8	10	958.4	180	7	0	15	21
22	29.4	17.0	6.3	9.5	23	957.8	–	0	0	3	41.0	20.8	4.4	8.5	11	958.1	180	6	0	7	22
23	29.5	16.7	5.1	8.8	21	958.2	–	0	0	6	42.3	20.1	-0.7	5.8	7	957.5	100	4	0	10	23
24	28.7	15.1	0.5	6.4	16	956.6	–	0	0	6	43.0	20.5	0.0	6.1	7	957.3	–	0	0	15	24
25	30.2	15.5	-0.5	5.9	14	956.7	–	0	0	20	43.6	20.0	-3.6	4.6	5	957.3	270	3	0	20	25
26	31.8	19.0	9.3	11.8	25	956.6	–	0	0	20	43.4	22.0	5.9	9.4	11	956.1	210	12	0	40	26
27	31.4	17.2	4.2	8.3	18	956.3	–	0	0	15	40.8	20.5	3.6	8.0	10	956.8	280	3	0	20	27
28	32.0	17.6	4.7	8.7	18	956.5	–	0	0	3	40.5	19.0	-2.9	4.8	6	956.6	300	10	0	2.5	28
29	28.6	15.8	3.2	7.7	20	956.4	–	0	0	8	42.1	18.8	-8.2	3.1	4	956.2	260	10	0	20	29
30	28.7	17.6	8.7	11.3	29	956.4	–	0	0	0.5	40.1	18.9	-2.8	4.9	7	956.3	340	4	0	0.9	30
31																					31
Av.	30.0	16.6	3.2	8.0	19	960.1	–	1	0	13	41.4	19.9	-0.7	6.1	8	960.2	–	9	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)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : June Year : 1964

Station : Masjid-i-Sulaiman

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

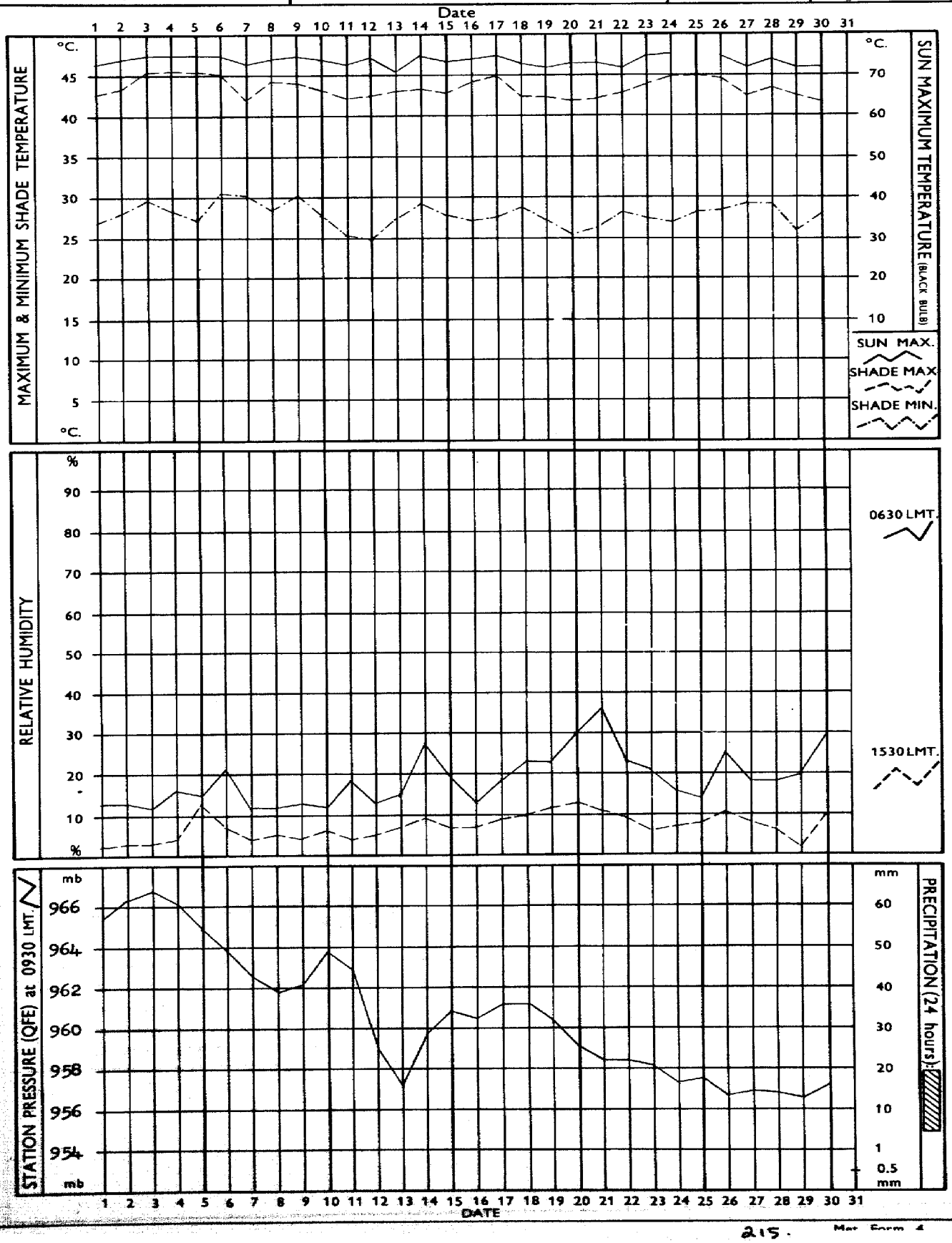
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
40.4	17.8	-11.9	2.2	3	963.5	280	10	0	40		42.6	27.0	20.8	72.8	260	23	0	Clear	1
40.2	18.3	-6.5	3.6	5	964.9	270	20	1	30		43.3	28.1	20.8	74.2	210	23	0	"	2
41.8	18.8	-7.5	3.3	4	963.7	260	10	1	40		45.5	29.6	24.4	75.2	240	21	0	Fair	3
42.5	19.2	-6.4	3.6	4	964.9	250	10	0	30		45.6	28.4	23.4	75.0	300	26	0	Clear	4
42.0	19.2	-5.0	4.1	5	962.3	300	18	7	3		45.5	27.2	23.3	75.1	300	24	0	Haze	5
41.0	19.1	-3.6	4.6	6	959.1	280	13	0	12		45.0	30.6	26.7	74.8	260	27	0	"	6
39.8	18.0	-7.9	3.2	4	959.7	320	6	0	30		42.0	30.1	25.2	72.9	280	28	0	"	7
40.6	18.6	-5.6	3.9	5	959.0	280	15	0	30		44.3	26.5	19.0	74.2	300	26	0	Clear	8
41.3	19.2	-3.3	4.7	6	960.5	240	12	0	30		44.1	30.1	25.1	74.9	290	24	0	"	9
40.4	17.8	-11.9	2.2	3	961.1	290	12	0	25		43.2	27.7	22.8	74.0	280	21	0	Haze	10
40.0	17.0	-24.1	0.7	1	959.5	260	4	0	40		42.2	25.3	22.2	72.7	230	16	0	Clear	11
40.2	18.6	-4.6	4.2	5	956.8	260	3	0	40		42.5	24.9	20.4	74.4	240	16	0	Haze	12
41.0	19.4	-1.8	5.3	7	957.2	240	3	0	8		43.0	27.4	22.2	71.1	130	18	0	Dust	13
40.2	19.8	1.5	6.8	9	959.2	270	11	0	7		43.2	29.3	23.8	75.0	250	18	0	"	14
40.0	18.0	-8.3	3.1	4	959.0	270	8	0	3		42.7	27.8	22.4	73.5	250	21	0	Haze	15
41.6	21.2	5.2	8.9	11	958.8	280	20	0	20		44.1	27.2	21.1	74.2	300	28	0	"	16
41.6	20.4	5.5	9.0	13	959.2	270	10	0	20		45.0	27.5	22.2	74.8	270	27	0	Clear	17
41.0	20.5	3.3	7.9	10	960.0	240	10	0	40		42.5	28.8	21.7	73.0	280	20	0	"	18
38.6	20.2	5.5	9.1	13	958.5	270	18	0	2		42.4	27.2	23.3	72.2	290	27	0	Dust	19
39.0	21.0	7.7	10.5	15	956.9	270	8	0	20		41.8	25.4	22.3	73.0	270	18	0	Haze	20
40.2	19.7	1.1	6.6	9	957.5	200	4	0	30		42.1	26.3	22.8	73.1	280	14	0	"	21
40.0	20.0	2.7	7.4	10	956.4	220	3	0	12		42.8	28.2	22.3	71.8	290	16	0	"	22
41.2	19.2	-3.2	4.7	6	956.4	–	0	0	25		43.8	27.5	21.1	74.8	260	17	0	"	23
41.5	20.5	2.7	7.4	9	955.9	200	3	0	20		44.8	27.1	22.0	75.3	200	16	0	"	24
42.0	20.0	-0.7	5.8	7	956.3	250	8	0	40		44.9	28.2	22.2		290	21	0	Clear	25
42.2	19.6	-3.0	4.8	6	954.3	270	4	0	40		44.6	28.5	21.4	74.8	170	17	0	"	26
40.2	18.6	-4.6	4.2	6	955.3	210	8	0	2		42.4	29.2	23.3	72.2	210	17	0	Haze	27
41.0	18.8	-5.1	4.0	5	954.6	280	11	0	25		43.2	29.2	26.2	74.0	270	24	0	"	28
39.7	18.0	-7.7	3.3	5	955.0	260	22	0	2		42.5	25.9	21.2	72.1	260	25	0	"	29
39.2	19.2	0.4	6.3	9	954.6	270	6	0	10		41.8	27.9	24.3	72.0	240	17	0	Dust	30
																			31
40.7	19.2	-3.2	5.2	7	958.7	–	10	0	23		43.4	27.7	22.7	73.7					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

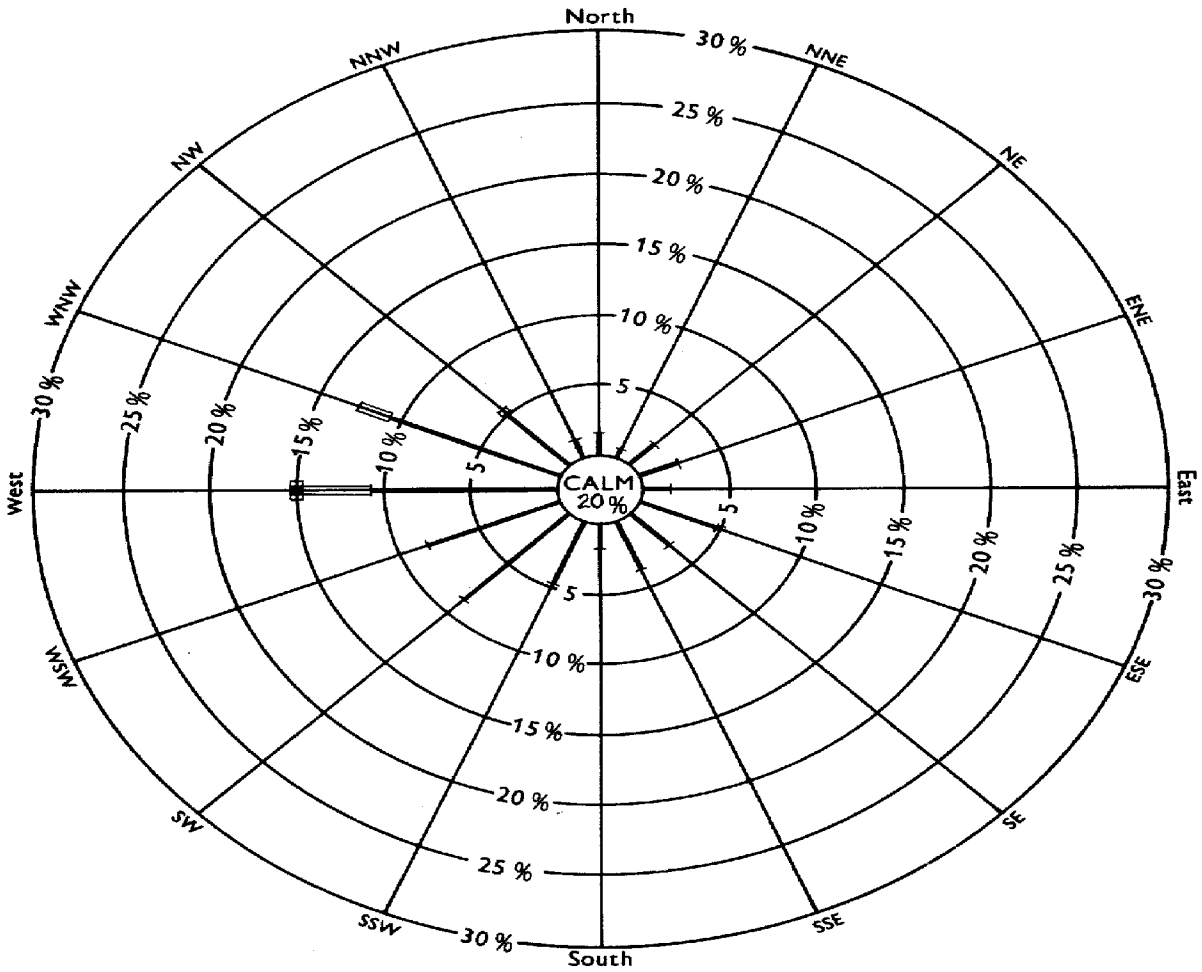
Met. Form 3b

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



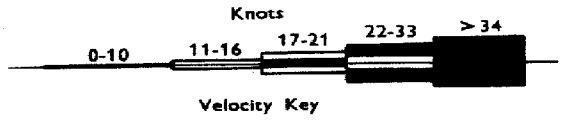
Met. Form 4

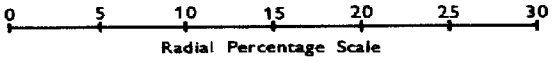
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : June	Year : 1964
		Station : Masjid-i-Sulaiman	
Ground Level : 362 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°59' N.	Long : 49°16' E.



Hours in month 720

Hours recorded 720



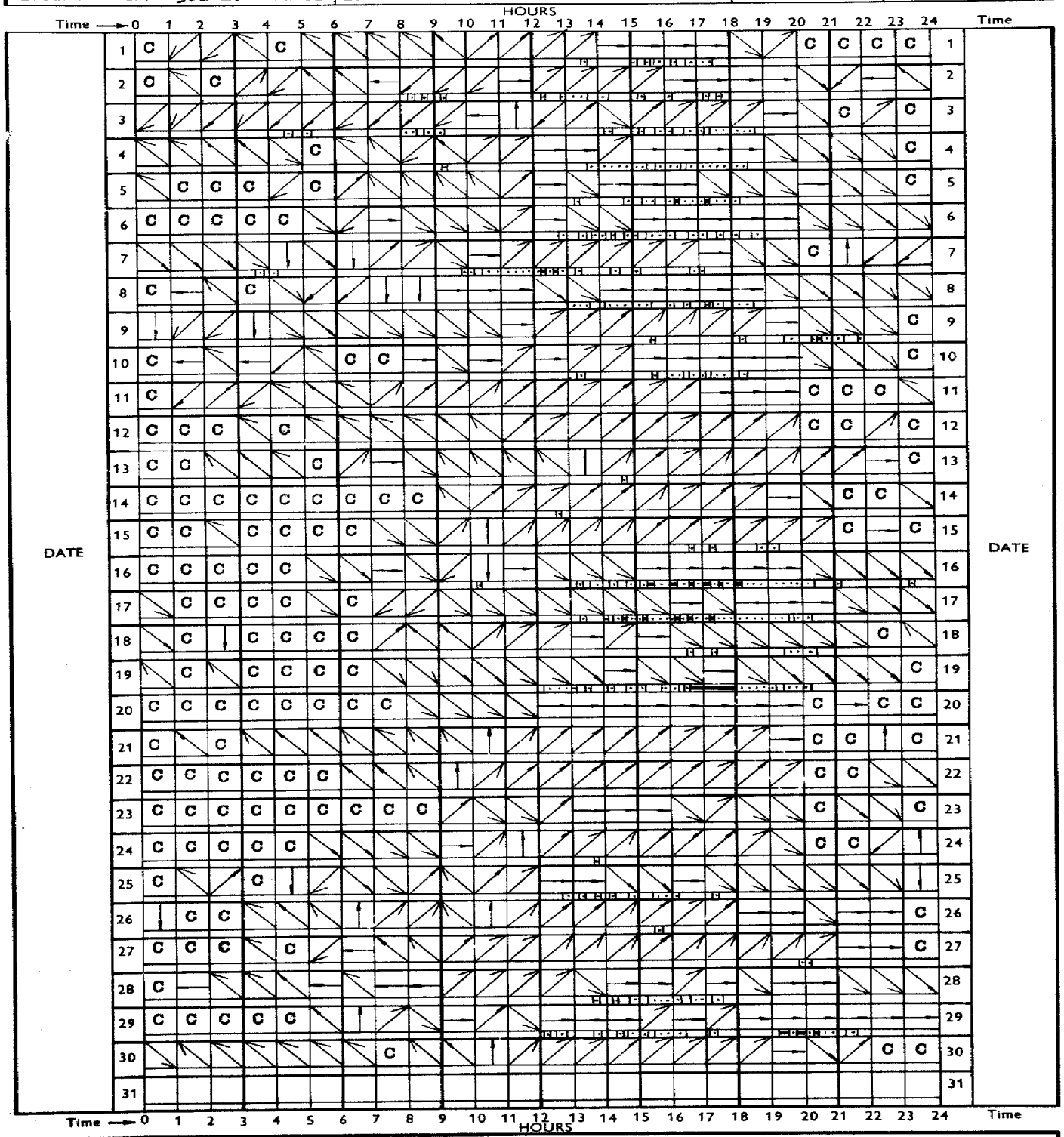


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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.

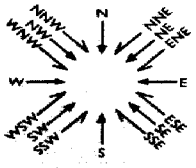
Remarks :

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : June	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 :

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : June 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	27.2	15.1	2.8	7.5	21	1002.7	340	5	3	10	44.6	21.8	3.5	7.9	8	1002.7	330	15	1	20	1
2	25.1	14.4	3.3	7.8	25	1003.4	180	8	0	10	42.3	21.6	5.8	9.3	11	1003.6	260	5	0	20	2
3	26.6	15.6	5.3	9.0	26	1003.6	140	2	0	15	42.8	23.2	10.6	12.8	15	1003.9	260	2	1	20	3
4	29.1	18.0	9.2	11.7	29	1003.3	–	0	0	20	43.4	24.5	13.6	15.7	18	1003.1	–	0	1	20	4
5	29.8	19.6	13.2	14.7	35	1002.3	–	0	1	20	45.5	23.0	7.1	10.1	10	1001.8	320	12	0	20	5
6	31.1	18.5	8.6	11.2	25	1000.7	–	0	0	3	45.7	23.4	8.2	10.9	11	999.0	360	10	0	3	6
7	31.4	17.3	4.6	8.5	18	998.5	340	7	0	8	45.1	21.5	1.4	6.8	7	998.5	340	16	0	10	7
8	26.6	14.6	1.7	7.0	20	998.8	–	0	0	12	45.6	21.3	-0.6	5.9	6	998.1	330	8	0	30	8
9	26.6	15.4	4.6	8.5	25	998.5	–	0	0	30	46.1	22.3	3.4	7.9	8	999.2	310	5	0	30	9
10	24.7	12.8	-1.8	5.3	17	1001.3	350	6	0	12	44.6	20.2	-4.5	4.2	4	1000.2	320	18	0	12	10
11	25.2	12.4	-4.6	4.2	13	1000.4	350	4	0	10	45.0	20.4	-4.3	4.3	6	999.8	320	16	0	4	11
12	24.0	14.1	4.0	8.2	28	998.0	–	0	0	1	39.2	20.0	3.8	8.0	11	996.7	–	0	0	3	12
13	27.0	16.2	6.7	9.8	28	995.5	–	0	0	3	41.0	20.6	3.7	8.0	10	996.4	210	12	x	1	13
14	24.4	15.1	6.7	9.8	32	997.3	–	0	0	6	42.4	21.0	3.3	7.8	9	997.7	230	5	0	3	14
15	27.1	17.1	9.0	11.5	32	998.5	140	4	0	8	41.8	23.5	12.4	14.4	18	998.6	180	6	0	6	15
16	22.9	13.6	4.0	8.2	29	997.3	–	0	0	8	46.5	21.4	-1.6	5.4	5	996.4	340	10	0	8	16
17	28.2	15.6	3.2	7.7	20	996.7	340	4	0	10	47.7	21.0	-6.7	3.5	3	996.3	360	12	0	15	17
18	33.5	16.6	-1.6	5.4	10	998.4	350	9	0	5	43.2	19.0	-10.3	2.6	3	998.8	330	11	0	15	18
19	25.2	14.8	4.7	8.5	27	997.8	–	0	0	4	42.6	19.0	-8.3	3.1	3	997.6	340	20	0	5	19
20	24.3	14.9	6.1	9.5	31	997.0	–	0	0	15	41.6	19.8	-1.0	5.7	7	996.3	320	10	0	15	20
21	26.5	16.0	6.7	9.9	29	996.7	–	0	0	6	41.6	21.3	5.6	9.1	11	996.8	290	7	0	20	21
22	27.5	18.1	11.2	13.3	30	995.9	–	0	0	15	42.7	21.1	3.3	7.8	9	995.6	–	0	0	12	22
23	27.6	14.6	0.4	6.3	17	995.3	–	0	0	10	43.4	20.3	-1.7	5.3	6	995.2	290	4	0	10	23
24	24.2	13.5	1.7	6.9	23	994.1	–	0	0	10	45.0	20.4	-4.4	4.3	5	994.5	280	6	0	10	24
25	25.4	12.3	-5.8	3.8	12	993.8	–	0	0	30	47.4	20.5	-10.1	2.7	2	994.7	330	10	0	30	25
26	26.5	14.0	-0.1	6.0	17	993.6	–	0	0	30	47.0	21.5	-1.7	5.3	5	993.3	300	12	0	30	26
27	28.0	16.2	5.5	9.1	24	993.8	–	0	0	25	45.0	20.6	-3.1	4.8	5	994.4	330	14	0	15	27
28	26.5	15.9	6.3	9.6	28	994.3	–	0	0	15	44.0	20.5	-1.7	5.3	6	993.4	320	12	0	15	28
29	27.0	15.6	4.9	8.7	24	993.1	–	0	0	4	43.4	19.6	-5.7	3.8	4	993.8	320	30	0	1.5	29
30	26.0	16.4	8.3	11.0	33	994.8	–	0	0	6	41.2	20.1	1.1	6.7	9	994.2	320	9	0	8	30
31																					31
Av.	26.8	15.5	4.3	8.3	24	997.8	–	2	0	12	43.9	21.1	0.7	7.0	8	997.7	–	10	0	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)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: June Year: 1964
Station: Agha Jari

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

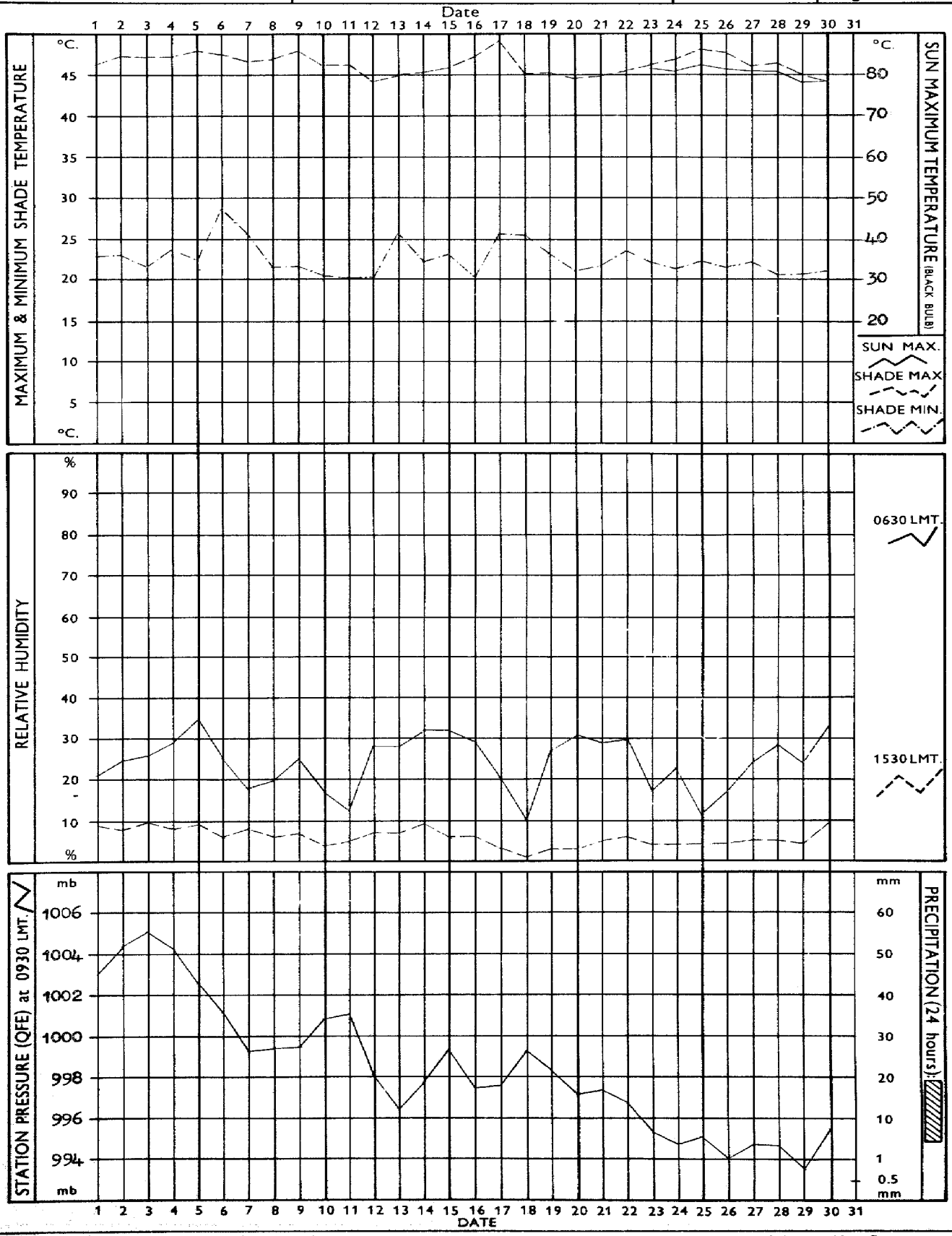
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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	Remarks	Date
42.9	21.5	4.7	8.6	10	1000.9	340	18	0	20		46.3	24.8	22.9		320	32	0	Haze	1
43.4	22.0	5.9	9.3	11	1001.2	300	16	0	20		47.3	24.4	22.9		300	29	0	"	2
45.0	22.7	3.9	9.8	10	1000.6	280	8	1	40		47.2	23.4	21.6		320	21	0	Clear	3
45.6	21.8	2.0	7.1	7	1000.1	290	10	0	20		47.3	23.9	23.8		250	18	0	"	4
44.6	22.0	4.3	8.4	9	998.7	320	14	6	10		48.0	25.0	22.6		310	25	0	Haze	5
44.5	21.5	2.3	7.3	8	996.6	310	10	0	6		47.6	30.4	28.6		330	29	0	"	6
42.5	19.9	-2.2	5.1	6	996.7	320	10	0	6		46.7	28.6	25.6		340	34	0	"	7
44.0	20.5	-1.7	5.3	6	996.2	330	14	0	20		46.9	22.9	21.4		350	31	0	Clear	8
44.0	20.6	-1.1	5.6	6	997.5	290	22	0	2		47.9	23.6	21.6		300	25	0	Haze	9
43.0	19.4	-6.2	3.6	4	999.0	330	20	0	6		46.2	22.9	20.4		340	34	0	"	10
42.4	19.1	-6.7	3.5	4	996.9	310	28	x	0.2		46.2	21.8	20.0		330	39	0	Sandst.	11
43.3	20.6	0.1	6.2	7	993.9	280	5	0	50		44.2	23.1	20.0		330	17	0	Dust	12
43.4	21.6	4.4	8.4	10	994.4	270	8	x	0.2		45.0	26.5	25.6		300	29	0	"	13
42.6	21.0	3.1	7.7	9	996.4	260	5	0	5		45.2	23.4	22.3		270	17	0	Haze	14
43.1	20.6	0.5	6.3	7	995.9	290	18	0	6		46.0	24.6	23.0		340	24	0	"	15
44.4	21.3	1.4	6.8	7	995.0	330	28	0	4		47.3	21.9	20.3	85.8	340	34	0	"	16
44.6	20.2	-4.5	4.2	4	995.8	320	26	0	3		49.2	28.0	25.6		350	35	0	"	17
42.3	18.4	-13.2	2.0	2	996.6	300	25	x	0.2		45.1	27.9	25.5	74.3	320	33	0	Sandst.	18
40.6	18.7	-4.8	4.1	4	996.4	340	30	x	0.1		45.2	24.6	23.2	79.2	310	45	0	"	19
41.5	20.1	0.7	6.5	8	994.2	300	25	0	4		44.6	23.4	21.1		310	29	0	Haze	20
43.5	21.4	3.3	7.8	9	994.6	300	6	0	40		45.0	25.0	21.8		310	20	0	"	21
44.0	20.4	-2.2	5.1	6	993.7	300	4	0	15		45.4	25.7	23.6		300	23	0	Clear	22
44.7	19.5	-10.3	2.6	3	993.1	280	6	0	15		46.5	24.4	22.3	81.5	320	25	0	Haze	23
44.4	19.6	-8.6	3.0	3	992.7	230	4	0	20		47.1	21.9	21.3	80.8	350	18	0	"	24
46.0	20.6	-5.3	4.0	4	992.6	310	12	0	25		48.1	22.8	22.2	82.6	350	26	0	Clear	25
45.8	20.4	-6.3	3.7	4	991.0	300	14	0	20		47.8	21.2	21.5	81.6	330	22	0	"	26
42.5	19.6	-3.8	4.5	5	993.2	310	14	0	4		46.1	26.8	22.0	81.1	310	36	0	Haze	27
43.1	19.9	-3.3	4.7	5	992.2	320	35	x	0.2		46.6	25.4	20.6	81.0	310	40	0	Sandst.	28
40.9	19.1	-5.8	3.8	5	992.7	320	33	x	0.0		45.0	25.2	20.6	78.1	310	42	0	"	29
41.8	20.0	-0.2	6.0	7	992.4	310	20	0	8		44.1	24.5	21.1	78.5	290	23	0	Haze	30
																			31
43.5	20.4	-1.3	5.7	6	995.7	–	16	2	12		46.4	24.6	22.5						Av.

CODE FOR REMARKS (continued)

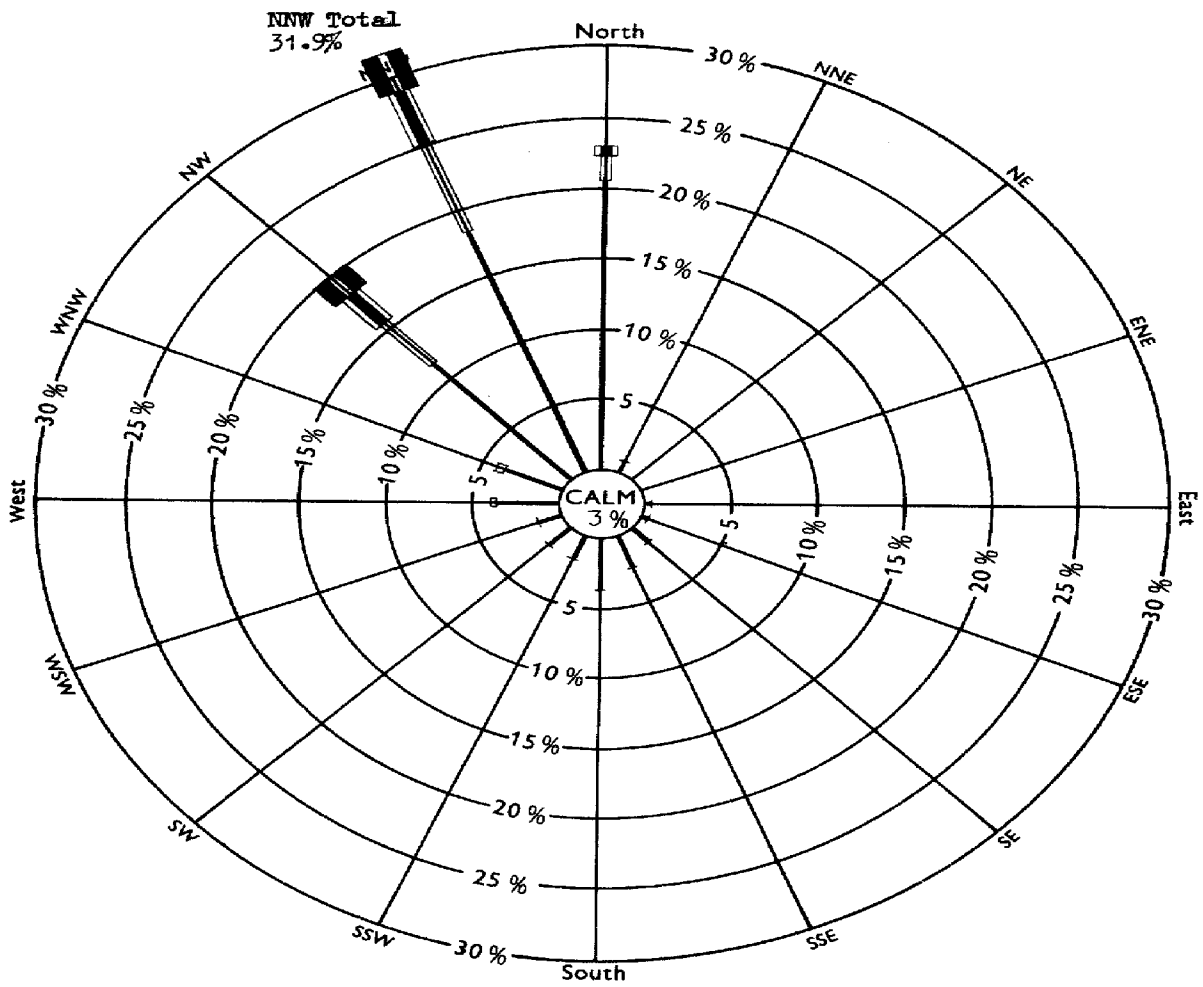
Sandst: Sandstorm. Vis. ≤ 1 km.
Fog: Visibility ≤ 1 km.
Drizzle: Raindrop diameter ≤ 0.5 mm.
Rain: Rain not falling as showers
Snow: Snowfall
Rainsh: Rain falling as showers
Hail: Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

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

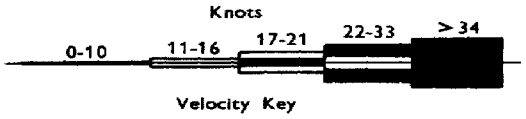


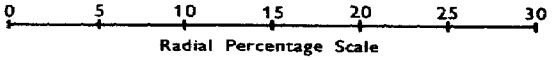
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : June	Year : 1964
		Station : Agha Jari	
Ground Level : 29 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°44' N.	Long : 49°40' E.



Hours in month 720

Hours recorded 720



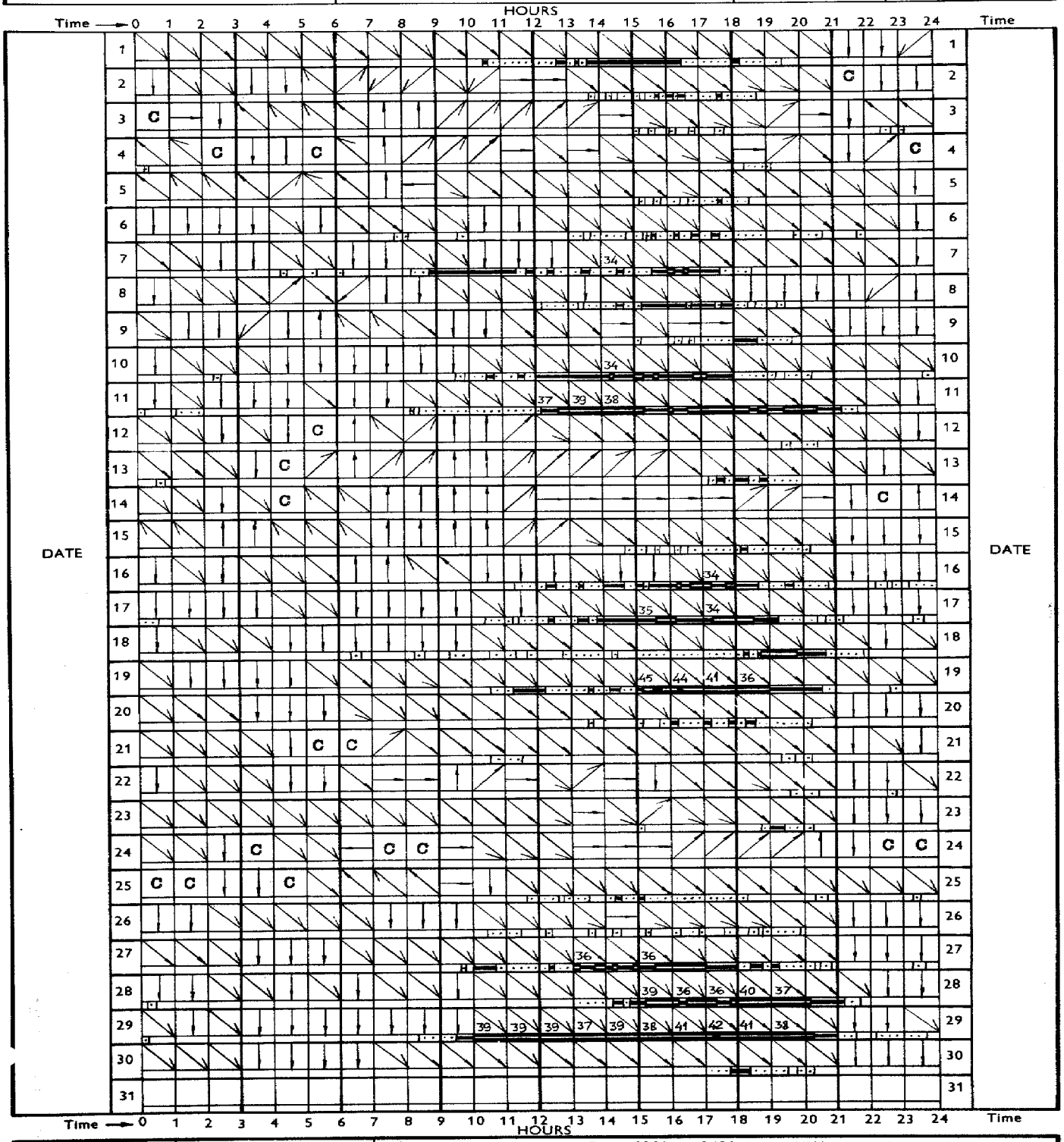


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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.

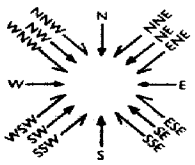
Remarks : The wind directions NW, NNW and N constitute together 74.9% of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : June	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 :

Met. Form 6

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : June 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	23.4	13.1	1.7	6.9	24	926.9	-	0	0	10	37.6	17.2	-7.5	3.3	5	926.5	-	0	1	12	1
2	21.3	10.8	-3.6	4.6	18	927.8	-	0	0	20	39.0	18.2	-4.2	4.3	6	927.3	260	6	1	20	2
3	22.7	16.5	11.8	13.9	50	928.2	-	0	0	30	39.0	18.0	-5.7	3.8	5	927.8	140	8	1	30	3
4	22.7	14.2	6.2	9.5	35	927.9	-	0	0	30	39.7	18.4	-4.7	4.1	6	927.3	-	0	0	30	4
5	24.1	14.1	3.9	8.1	27	926.4	-	0	0	25	40.5	20.0	1.8	7.0	9	926.0	-	0	0	25	5
6	25.8	15.5	6.1	9.4	28	925.1	-	0	0	7	39.7	19.6	1.3	6.7	9	923.6	270	10	0	10	6
7	28.7	15.5	2.0	7.1	18	923.8	-	0	0	8	40.0	18.3	-6.1	3.7	5	922.4	360	14	0	25	7
8	22.7	11.0	-5.9	3.8	13	922.3	-	0	0	8	40.1	18.0	-8.8	3.0	4	921.7	270	10	0	20	8
9	29.0	13.1	-11.3	2.3	6	923.0	-	0	0	25	41.8	18.0	-15.6	1.6	2	923.6	320	18	0	20	9
10	22.8	12.1	-1.1	5.6	20	924.7	-	0	0	1.8	38.9	16.2	-32.5	0.5	0.5	923.9	260	10	0	7	10
11	22.0	10.0	-9.8	2.7	10	923.9	-	0	0	20	39.4	15.8	*	*	*	923.3	300	16	0	30	11
12	22.0	10.4	-7.1	3.4	13	921.5	-	0	0	0.3	36.6	15.9	-15.7	1.6	3	920.8	-	0	0	1.7	12
13	22.7	11.7	-2.6	4.9	18	919.6	-	0	0	5	38.3	17.1	-10.6	2.5	4	920.1	-	0	0	3	13
14	24.0	12.4	-2.2	5.1	17	921.3	-	0	0	1.5	39.0	17.0	-14.3	1.8	3	921.9	-	0	0	2	14
15	22.7	14.0	5.4	9.0	32	923.0	-	0	0	5	39.0	17.5	-9.3	2.8	4	922.6	-	0	0	7	15
16	21.2	11.3	-1.3	5.5	22	921.5	-	0	0	12	39.4	18.2	-5.4	3.9	5	921.2	280	6	0	15	16
17	23.4	12.8	0.5	6.3	23	921.5	-	0	0	10	41.5	19.8	-0.7	5.8	7	921.3	-	0	0	10	17
18	26.7	14.6	1.7	7.0	20	921.4	-	0	0	12	40.8	19.5	-1.0	5.7	7	922.1	310	18	0	20	18
19	20.8	12.2	2.5	7.4	30	921.3	-	0	0	0.5	38.0	18.5	-0.9	5.7	9	920.7	290	15	0	1.5	19
20	23.1	14.2	5.6	9.1	32	920.3	-	0	0	1.2	37.0	18.3	0.0	6.1	10	920.0	230	12	0	1.7	20
21	21.4	13.1	4.4	8.4	33	920.6	-	0	0	4	37.7	20.8	8.4	11.1	17	920.8	260	6	0	6	21
22	22.7	13.1	2.7	7.4	27	920.4	-	0	0	15	38.6	16.9	-13.7	1.9	3	920.1	-	0	0	20	22
23	22.5	12.5	0.9	6.5	24	919.7	-	0	0	6	40.0	17.3	-15.0	1.7	2	919.7	160	5	0	20	23
24	23.5	12.3	-1.7	5.4	19	918.9	-	0	0	15	41.2	18.1	-11.6	2.3	3	919.5	160	10	0	20	24
25	24.8	13.2	-0.4	5.9	19	919.3	-	0	0	18	41.8	18.0	-15.4	1.6	2	919.8	320	8	0	20	25
26	23.6	12.1	-2.7	4.9	17	919.0	-	0	0	15	41.2	18.8	-5.8	3.8	5	918.5	-	0	0	20	26
27	23.3	11.7	-3.8	4.5	16	918.2	-	0	0	20	39.4	17.8	-7.8	3.2	4	918.6	250	14	0	15	27
28	26.5	13.5	-2.2	5.1	15	918.4	-	0	0	1.5	39.5	16.5	-28.6	0.4	0.6	917.7	300	15	0	3	28
29	22.9	12.0	-1.7	5.3	19	917.8	-	0	0	1	40.0	16.7	-28.1	0.5	0.6	917.3	320	20	0	12	29 28
30	24.3	13.7	2.3	7.2	23	918.5	-	0	0	0.8	37.4	17.2	-6.7	3.5	5	917.9	-	0	0	0.8	30
31																					31
Av.	23.6	12.9	0.0	6.4	22	922.1	-	0	0	12	39.4	17.9	-9.1	3.6	5	921.8	-	7	0	14	Av.

* Not possible to calculate these values.

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 : June Year : 1964

Station : Gach Saran

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

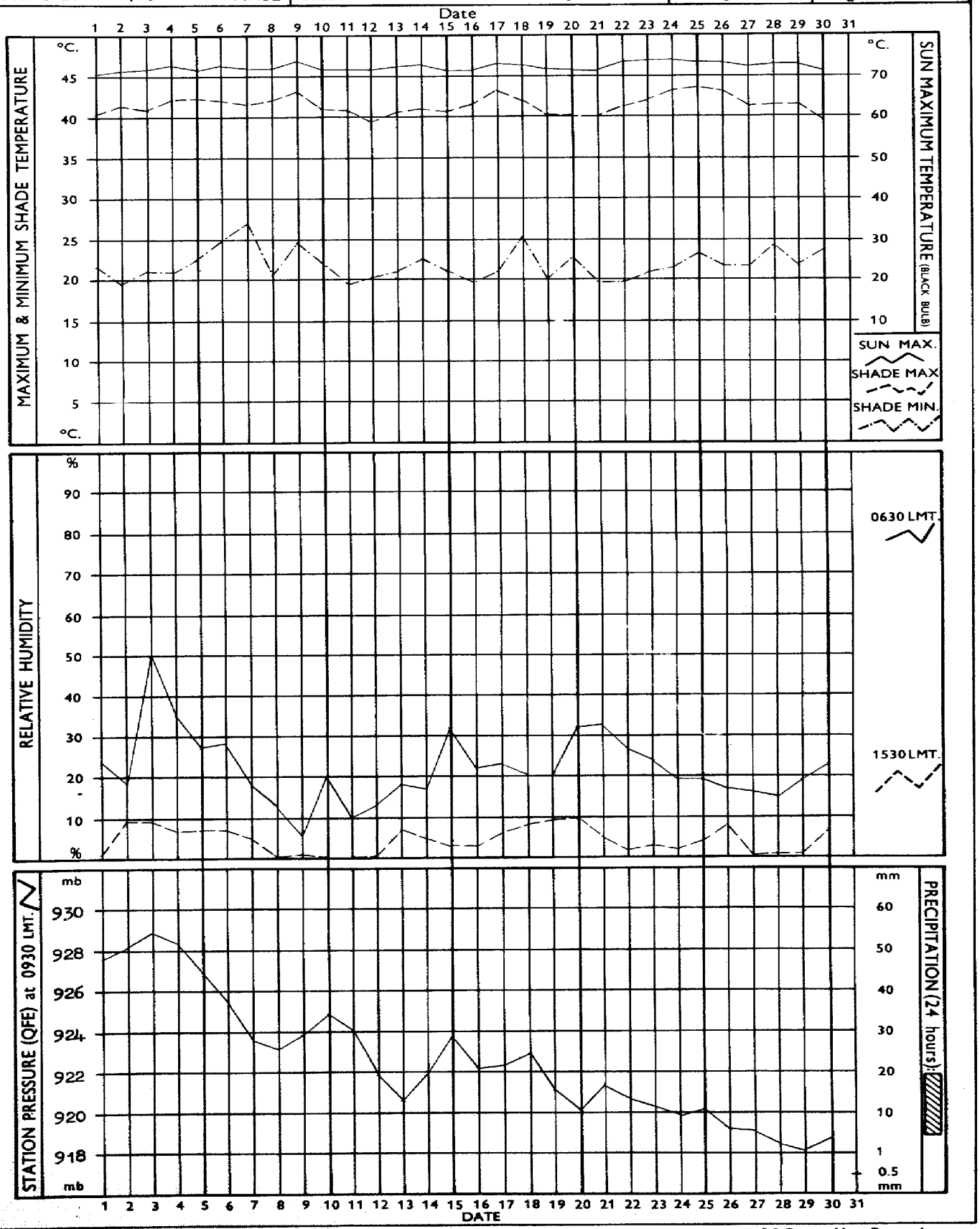
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	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		
37.0	17.5	-4.0	4.4	7	925.3	300	18	2	15		40.3	21.6	21.2	70.6			0	Haze	1
37.7	20.6	7.8	10.6	16	926.0	300	13	2	20		41.5	19.4	19.8	71.5			0	Fair	2
37.9	18.6	-0.2	6.0	9	926.1	270	13	2	20		41.1	21.0	20.5	72.0			0	"	3
38.8	20.0	4.4	8.4	12	925.3	260	12	0	30		42.3	21.0	21.1	72.3			0	Clear	4
39.4	18.8	-1.8	5.3	7	923.4	270	16	1	25		42.4	22.6	22.0	72.0			0	"	5
38.7	19.0	0.2	6.2	9	921.3	270	10	2	8		42.0	25.0	24.9	73.0			0	Haze	6
36.7	16.8	-7.7	3.2	5	920.9	280	20	0	10		41.5	27.0	25.0	72.0			0	"	7
38.0	16.0	-25.9	0.6	0.9	919.7	280	20	0	20		42.0	20.5	20.0	72.0			0	"	8
39.0	16.8	-16.9	1.4	2	922.3	270	14	0	20		43.0	24.6	22.9	74.0			0	Clear	9
37.6	15.2	*	*	*	922.1	280	18	0	10		41.0	22.1	21.7	72.0			0	Haze	10
36.1	14.8	*	*	*	921.6	270	20	0	5		40.9	19.4	18.7	72.0			0	"	11
36.0	15.3	-21.9	0.9	2	918.9	270	10	0	5		39.4	20.1	20.1	72.0			0	Dust	12
36.0	15.9	-12.9	2.0	3	919.9	260	10	0	1.5		40.5	21.0	20.0	72.6			0	"	13
37.0	17.7	-2.9	4.8	8	921.4	260	12	0	2		41.1	22.6	22.0	73.0			0	Haze	14
37.0	18.2	-0.4	5.9	9	921.1	270	14	0	12		40.7	21.0	21.1	71.4			0	"	15
37.2	18.5	0.8	6.5	10	920.5	270	8	0	3		41.5	19.6	19.1	71.4			0	"	16
39.7	19.7	1.8	7.0	10	920.1	280	20	0	5		43.3	21.0	21.0	73.3			0	"	17
37.2	19.0	2.6	7.4	12	920.6	270	15	0	15		42.1	25.2	25.0	73.0			0	Clear	18
36.8	19.0	3.2	7.7	12	919.2	280	20	0	2		40.1	20.0	20.0	72.2			0	Dust	19
36.8	19.1	3.7	8.0	13	918.5	270	15	0	10		40.0	22.8	23.0	71.6			0	"	20
37.4	17.0	-8.1	3.1	5	919.6	270	15	0	10		40.0	19.6	19.5	71.4			0	Haze	21
37.8	16.4	-15.6	1.6	2	918.8	260	10	0	15		41.3	19.8	19.7	73.6			0	Clear	22
39.0	16.4	-25.8	0.6	0.9	918.6	270	10	0	20		42.0	21.0	21.2	74.0			0	Haze	23
40.0	17.3	-15.0	1.7	2	918.1	270	10	0	20		43.3	21.5	21.0	74.0			0	Clear	24
40.5	17.2	-20.0	1.0	1	918.2	300	7	0	20		43.6	23.3	23.0	73.5			0	"	25
40.4	23.1	12.4	14.4	19	916.5	300	8	0	25		43.3	21.7	21.4	73.4			0	"	26
36.9	15.9	-18.3	1.2	2	917.7	280	20	0	3		41.4	21.7	21.0	72.4			0	Haze	27
37.7	15.6	-39.0	0.1	0.2	916.6	280	18	0	12		41.6	24.4	24.0	73.0			0	"	28
36.5	16.0	-14.3	1.8	3	916.0	300	20	0	1		41.6	22.1	22.0	73.0			0	Dust	29
36.5	17.0	-5.8	3.8	6	916.8	270	12	0	7		39.5	23.7	23.7	71.4			0	"	30
																			31
37.8	17.6	-7.8	4.5	6	920.4	–	14	0	13		41.5	21.9	21.5	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 : June	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

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : June 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	27.7	18.0	10.6	12.9	35	1003.0	–	0	2	30	43.6	22.2	6.4	9.7	11	1002.9	300	13	0	25	1
2	27.2	17.8	10.7	12.9	36	1003.0	270	10	0	30	43.6	22.1	6.1	9.5	11	1003.7	320	14	0	35	2
3	27.6	18.0	10.8	13.0	36	1003.2	–	0	0	20	43.8	21.2	2.1	7.1	8	1003.6	280	4	0	30	3
4	26.7	16.8	8.7	11.3	32	1002.9	190	8	0	20	44.2	22.8	7.8	10.7	11	1002.9	–	0	0	25	4
5	29.4*		11.4*	13.5*	33*	1000.0*					45.4*		9.2*	11.7*	12*	1001.7*					5
6	32.5	20.2	11.7	13.8	28	1000.2	290	11	3	4	45.0	22.5	5.8	9.3	10	999.7	360	8	3	8	6
7	30.2	16.3	2.7	7.4	17	999.0	360	4	0	20	43.8	20.0	-4.1	4.4	5	998.7	300	22	0	3	7
8	27.8	17.0	8.1	10.8	29	998.1	280	11	0	15	44.0	20.3	-2.8	4.9	5	998.4	–	0	0	35	8
9	28.8	19.2	12.6	14.6	37	998.0	–	0	0	20	44.6	22.2	5.2	8.9	9	999.2	200	10	0	35	9
10	26.4	14.8	3.3	7.7	23	1000.9	290	10	0	10	42.8	20.7	1.3	6.8	8	1001.4	320	12	0	10	10
11	24.2	13.7	2.4	7.3	24	1000.3	300	14	0	20	43.8	21.7	4.3	8.3	9	999.3	300	22	0	2	11
12	26.5*		2.4*	7.3*	21*	997.2*					41.3*		2.1*	7.1*	9*	996.2*					12
13	24.7	15.3	6.9	10.0	31	994.1	270	5	0	12	41.6	22.7	10.3	12.5	16	995.5	–	0	0	8	13
14	27.0	18.7	13.0	15.0	42	996.3	270	6	0	15	42.0	21.4	5.4	9.5	11	997.4	220	10	0	20	14
15	27.8	17.6	9.7	12.1	32	997.7	300	2	0	12	44.3	19.8	-6.1	3.5	4	997.9	320	20	0	3	15
16	24.5	14.4	4.4	8.3	28	997.1	050	10	0	15	43.5	21.4	3.4	7.9	9	997.6	330	10	0	8	16
17	29.0	18.7	11.1	13.4	33	997.1	–	0	0	20	45.5	20.6	-3.9	4.5	5	997.9	300	6	0	25	17
18	30.3	16.0	1.3	6.8	17	998.6	320	6	0	6	42.0	19.7	-2.2	5.1	6	998.5	300	12	0	25	18
19					35*	997.6*					43.2*		3.3*	7.8*	9*	997.7*					19
20	23.1	16.2	10.8	13.0	46	996.4	–	0	0	30	41.7	21.2	5.1	8.8	11	996.2	300	6	0	15	20
21	26.7	20.8	17.2	20.0	57	995.9	280	10	0	20	41.5	22.3	9.2	11.6	14	996.3	300	8	0	20	21
22	28.2	16.8	7.0	10.1	26	995.5	310	10	0	20	42.7	20.0	-1.8	5.3	6	995.2	260	4	0	20	22
23	25.8	17.3	10.8	13.0	38	995.0	300	10	0	25	43.6	20.7	0.0	6.1	7	995.0	320	8	0	30	23
24	23.5	16.8	11.7	13.6	48	993.7	–	0	0	30	43.0	20.4	-0.3	6.0	7	994.4	–	0	0	35	24
25	28.8	16.8	6.3	9.6	24	993.4	300	4	0	8	46.0	21.6	0.6	6.4	6	994.4	300	12	0	15	25
26	28.1*		9.6*	11.9*	30*	993.5*					44.8*		2.9*	7.6*	8*	993.1*					26
27	28.7	18.0	9.7	12.1	31	993.3	–	0	0	12	43.5	22.2	6.7	9.9	11	994.2	290	22	0	4	27
28	25.7	19.8	16.1	18.3	56	994.1	–	0	0	15	44.2	21.6	3.3	7.7	8	993.9	300	22	0	6	28
29	28.2	17.7	9.4	11.9	30	993.3	030	8	0	20	43.2	20.8	1.2	6.7	8	993.7	300	30	x	1	29
30	24.8	16.2	9.1	11.6	37	994.2	–	0	0	12	42.0	24.5	14.7	16.8	20	993.7	300	15	0	15	30
31																					31
Av.	27.2	17.2	8.9	11.8	33	997.4	–	6	0	18	43.5	21.4	3.2	8.1	9	997.7	–	11	0	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)

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month: June Year: 1964
Station: Ahwaz

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

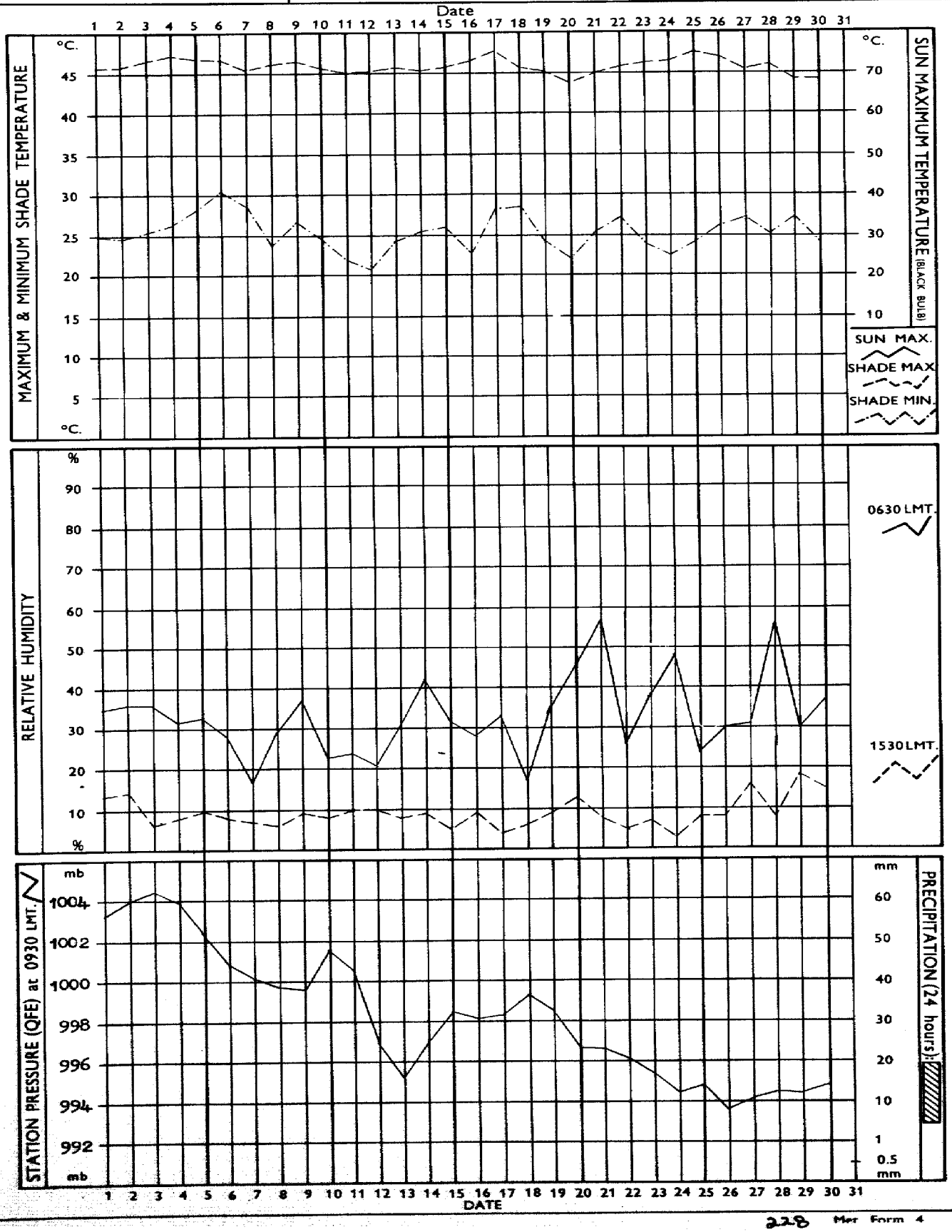
Observations at 1830											Extreme Temperature				Max. Wind				
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility	Sea Temperature at 0930	Maximum 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		
41.7	22.3	8.9	11.4	14	1001.0	300	22	0	15		45.7	25.0	23.0				0	Fair	1
42.7	20.2	-1.1	5.7	7	1001.2	300	15	0	20		45.8	24.5	22.2				0	Haze	2
45.0	20.9	-1.2	5.5	6	1000.8	300	12	0	35		46.8	25.4	22.8				0	Clear	3
44.3	21.6	3.3	7.7	8	1000.2	300	15	0	20		47.3	26.2	25.2				0	"	4
43.1	22.1	6.7	9.9	11	999.1	300	15	7	6		46.8	28.2	26.2				0	Haze	5
43.3	21.7	5.0	8.8	10	996.9	300	16	8	6		46.7	30.4	29.0				0	"	6
41.7	20.5	2.2	7.2	9	996.7	290	18	0	6		45.5	28.7	27.6				0	"	7
43.7	20.2	-2.8	4.9	5	996.1	290	12	0	30		46.1	26.8	24.2				0	"	8
42.0	22.2	8.3	11.0	13	997.9	290	24	0	4		46.4	26.8	24.2				0	"	9
42.0	19.7	-2.3	5.1	6	999.0	300	30	x	0.8		45.7	24.6	21.8				0	Sandst.	10
42.0	22.1	8.0	10.7	13	997.6	300	24	0	1.5		45.0	22.0	20.0				0	Haze	11
41.2	21.0	5.0	8.8	11	993.7	300	20	0	1.5		45.2	20.8	19.8				0	"	12
41.0	21.4	6.7	9.8	13	994.2	290	24	0	2		45.7	24.3	22.0				0	"	13
43.0	20.2	-1.6	5.4	6	996.0	360	8	0	15		45.3	25.6	23.7				0	"	14
41.0	21.0	5.2	8.9	11	996.5	280	24	0	4		45.8	26.1	25.0				0	"	15
42.5	22.5	8.7	11.3	13	995.8	290	22	0	5		46.6	22.8	21.0				0	"	16
43.2	21.0	2.1	7.1	8	996.7	290	12	0	10		47.8	28.3	24.7				0	"	17
40.8	22.0	8.9	11.5	15	996.3	280	35	x	0.2		45.8	28.5	27.0				0	Sandst.	18
39.2	23.7	14.9	17.0	23	996.7	290	33	x	0.7		45.0	24.0	25.6				0	"	19
40.2	22.9	12.1	14.1	19	994.1	300	28	0	5		43.7	22.2	21.4				0	Haze	20
41.2	20.1	1.2	6.7	9	994.5	300	20	0	4		45.0	25.6	24.4				0	"	21
41.3	19.6	-1.4	5.5	7	993.5	300	20	0	4		45.8	27.2	25.3				0	"	22
41.0	20.4	2.8	7.5	10	993.4	300	20	0	5		46.2	24.0	22.3				0	"	23
44.6	21.2	0.6	6.4	7	992.4	300	14	0	35		46.4	22.6	21.2				0	Clear	24
43.4	22.2	6.7	9.9	11	993.0	270	8	0	35		47.7	24.3	20.4				0	Haze	25
44.1	21.7	3.9	8.1	9	991.2	270	12	0	35		47.0	26.2	24.0				0	Clear	26
41.4	25.5	17.4	19.9	25	992.7	280	30	x	0.7		45.5	27.2	24.4				0	Sandst.	27
41.6	20.8	3.6	8.0	10	991.8	300	25	x	0.8		46.1	25.1	22.4				0	"	28
39.3	24.0	15.5	17.6	24	992.8	290	32	x	0.4		44.3	27.2	25.6				0	"	29
41.1	20.4	2.7	7.4	9	992.3	290	16	0	25		44.2	24.2	22.7				0	Haze	30
																			31
42.1	21.5	5.0	9.3	11	995.6	–	20	3	11		45.9	25.4	23.6						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 : June	Year : 1964
		Station : Ahwaz	
Ground Level : 21 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 31°20' N.	Long : 48°45' E.



IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : June 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	26.8	20.6	17.0	19.3	55	1005.3	020	1	2	20	42.6	21.0	3.0	7.6	9	1005.6	320	8	1	20	1
2	27.7	17.7	10.0	12.3	33	1005.4	–	0	0	15	44.6	23.2	8.7	11.3	12	1005.8	270	12	0	20	2
3	25.8	18.0	12.5	14.5	44	1005.8	–	0	0	10	45.8	24.8	12.4	14.5	15	1005.6	310	7	0	30	3
4	27.0	21.2	17.8	20.5	57	1005.0	–	0	0	15	45.6	25.5	14.6	16.6	17	1005.1	260	6	0	20	4
5	32.1*		18.3*	21.0*	44*	1004.4*	300	5	0	1.5	46.7*		15.6*	17.8*	17*	1003.4*	320	3	2	3	5
6	32.6	22.8	17.4	19.9	40	1002.5	–	0	2	4	45.8	25.6	14.7	16.7	17	1002.0	330	12	6	3	6
7	30.2	19.6	12.4	14.4	34	1001.5	340	8	2	15	45.4	23.2	7.8	10.7	11	1001.1	310	15	0	5	7
8	28.2	18.8	12.1	14.2	37	1000.6	–	0	0	20	44.8	25.0	13.9	15.9	17	1000.4	320	6	0	20	8
9	28.9	20.0	14.3	16.3	41	1000.4	–	0	0	12	42.8	21.2	3.6	8.0	9	1002.0	270	15	0	2	9
10	28.4	17.9	9.7	12.1	31	1003.7	310	8	0	20	42.4	19.4	-4.6	4.2	5	1004.0	290	26	x	0.6	10
11	30.3	18.4	9.2	11.7	27	1003.2	290	8	0	20	41.4	20.2	1.4	6.8	9	1003.4	300	16	0	6	11
12	32.5*		6.6*	9.8*	20*	1000.6*	300	20	0	10	37.0*		9.6*	12.0*	19*	999.6*	300	30	x	0.4	12
13	28.4	17.6	9.0	11.5	30	997.9	280	11	0	3.5	39.5	20.6	5.8	9.2	13	999.1	290	22	0	0.8	13
14	26.3	15.9	6.6	9.8	29	999.4	290	6	0	4	40.6	21.0	5.8	9.3	12	1000.2	300	14	0	20	14
15	30.2	19.2	11.4	13.5	31	1000.4	280	11	0	20	42.6	20.8	2.1	7.1	8	1001.4	310	18	0	1.5	15
16	28.1	18.0	10.3	12.6	33	998.9	360	8	0	20	44.8	22.8	7.2	10.2	11	999.8	300	8	0	20	16
17	26.8	17.6	10.6	12.8	36	999.6	–	0	0	15	42.6	23.1	10.4	12.7	15	1000.7	280	12	0	25	17
18	30.0	18.2	9.1	11.6	27	1001.4	320	10	0	30	41.6	20.6	2.8	7.5	9	1001.9	320	26	x	0.4	18
19	29.9*		9.8*	12.2*	29*	1000.9*	300	8	0	30	41.1*		8.2*	10.9*	14*	1001.1*			x	0.5	19
20	26.8	20.2	16.2	18.5	53	999.9	290	8	0	20	39.1	22.8	12.7	14.7	21	1000.2	320	25	0	1	20
21	27.8	18.4	11.7	13.8	37	999.3	290	10	0	6	41.2	21.8	7.8	10.6	13	999.2	290	20	0	4	21
22	30.4	18.8	10.2	12.5	29	998.7	310	12	0	30	41.1	20.0	0.7	6.5	8	998.8	310	20	x	0.8	22
23	29.8	18.0	8.6	11.2	27	997.9	300	8	0	30	41.8	19.8	-0.7	5.8	7	998.1	300	18	0	1.2	23
24	30.3	19.5	12.0	14.1	33	996.7	290	12	0	30	41.0	21.4	6.6	9.8	13	997.2	290	16	0	20	24
25	27.6	19.2	13.6	15.6	42	996.5	–	0	0	20	46.0	21.8	1.4	6.8	7	997.2	300	10	0	20	25
26	27.8*		12.1*	14.2*	38*	996.4*	300	4	0	30	45.1*		11.8*	13.9*	14*	996.4*	300	8	0	30	26
27	31.0	19.4	11.1	13.3	30	996.4	320	9	0	25	43.2	23.0	9.6	12.0	14	997.4	300	10	0	8	27
28	30.0	19.6	12.6	14.6	35	997.0	300	14	0	20	43.8	25.0	14.6	16.7	19	997.0	340	24	x	0.6	28
29	28.0	19.0	12.8	14.8	39	996.5	320	8	2	25	43.0	21.5	4.5	8.5	10	997.4	320	20	0	3.5	29
30	27.4	20.2	15.8	18.0	49	997.7	300	8	0	30	39.2	19.6	2.2	7.2	10	997.8	320	26	0	4	30
31																					31
Av.	28.9	19.0	12.0	14.4	36	1000.3	–	7	0	18	42.7	22.1	7.1	10.7	13	1000.7	–	16	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: June Year: 1964
Station: Abadan

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

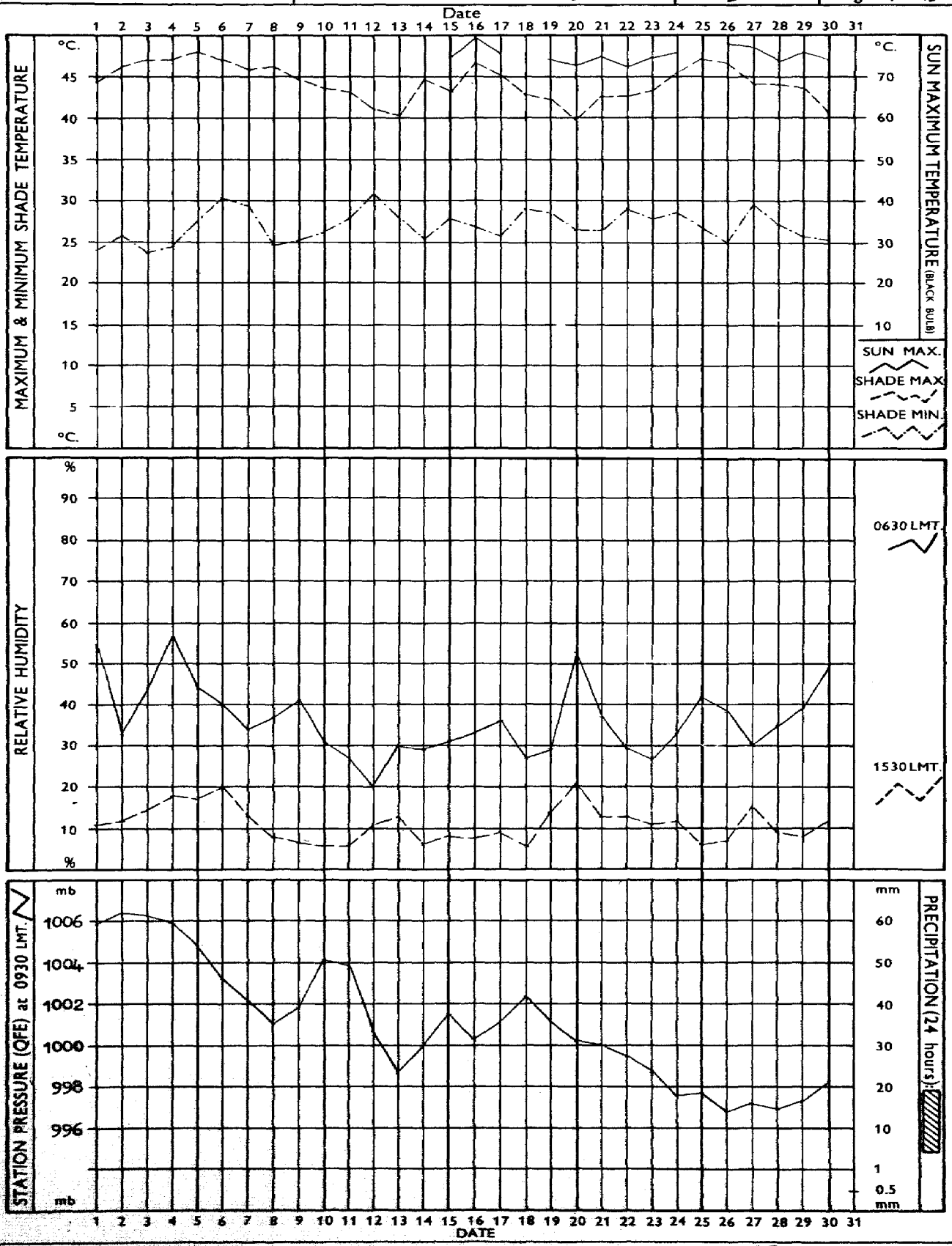
Observations at 1830											Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	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		
40.6	22.0	9.1	11.6	15	1004.4	290	8	0	20			44.4	24.1	20.2				0	Fair	1
43.0	23.8	12.2	14.2	16	1004.0	300	8	0	20			46.2	25.9	22.2				0	Clear	2
44.0	25.0	14.4	16.5	18	1003.7	290	8	0	30			47.1	23.8	20.5				0	Haze	3
43.8	26.4	17.9	20.5	23	1002.8	–	0	0	30			47.3	24.6	22.6				0	Clear	4
42.0	25.4	16.8	19.2	23	1002.0	300	7	6	6			48.1	27.6					0	Dust	5
42.8	26.0	17.6	20.2	24	1000.0	280	8	4	8			47.0	30.5	26.7				0	Haze	6
41.3	22.4	9.6	12.0	15	999.4	310	10	0	8			45.9	29.5	28.5				0	"	7
43.8	21.8	4.7	8.5	9	997.9	320	5	0	30			46.3	24.4	21.8				0	Clear	8
40.2	21.4	7.6	10.5	14	1001.4	300	17	0	8			44.7	25.1	23.0				0	Haze	9
39.0	21.0	7.8	10.6	16	1003.0	290	14	0	5			43.8	26.2	24.1				0	Sandst.	10
38.4	21.0	8.3	11.0	16	1002.3	310	15	0	4			43.3	28.0	26.6				0	"	11
37.2	21.0	9.6	12.0	19	997.7	280	15	0	1			41.1	30.7	29.7				0	"	12
35.5	21.1	11.4	13.6	23	998.5	300	14	x	1.5			40.3	27.9	25.6				0	"	13
41.4	18.9	-5.7	3.9	5	998.7	290	10	0	15			44.6	25.5	24.3				0	Haze	14
39.4	21.0	7.2	10.2	14	999.7	290	16	0	2.2			43.3	28.1	27.1	74.8			0	"	15
42.0	20.6	2.2	7.2	9	998.7	290	13	0	6			46.8	27.1	26.2	79.1			0	"	16
42.8	22.7	9.1	11.6	14	998.8	300	8	0	20			45.3	25.9	22.8	75.6			0	Clear	17
39.2	20.6	6.0	9.4	13	1000.6	300	16	x	1			42.8	29.1	27.2				0	Sandst.	18
38.0	20.6	7.5	10.4	16	1000.2	310	15	0	2			42.3	28.5	27.2	74.2			0	"	19
37.0	22.6	14.0	16.0	25	998.5	280	15	0	5			39.8	26.6	25.0	73.0			0	"	20
38.8	22.8	13.0	15.0	22	998.0	300	14	0	8			42.5	26.5	25.2	75.0			0	Haze	21
38.8	21.4	9.1	11.6	17	997.3	290	10	0	12			42.5	29.1	27.9	72.5			0	Sandst.	22
38.7	21.6	9.8	12.2	18	997.1	290	12	0	6			43.3	27.9	24.6	74.8			0	Haze	23
42.0	22.0	7.5	10.5	13	995.1	290	8	0	30			45.5	28.5	27.6	76.0			0	Clear	24
44.0	22.1	5.6	9.1	10	995.5	310	10	0	20			47.2	26.8	25.5				0	"	25
43.5	22.4	7.2	10.2	12	993.9	270	12	0	30			46.7	25.0	22.2	78.5			0	"	26
40.0	23.0	12.5	14.5	20	996.6	310	12	0	12			44.2	29.6	27.8	77.2			0	Haze	27
40.2	22.4	10.7	12.9	17	996.1	300	12	0	25			44.3	27.2	25.5	74.1			0	Sandst.	28
39.0	20.0	4.1	8.2	12	996.7	310	15	0	3			43.8	25.8	24.4	76.0			0	"	29
38.4	21.0	8.3	11.0	16	996.1	300	12	0	5			40.7	27.2	25.5	74.5			0	Haze	30
																				31
40.5	22.1	9.1	12.1	16	999.2	–	11	1	12			44.4	27.1	25.1	–					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 : June	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 : June 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	28.0	18.0	10.4	12.7	34	1004.5	360	5	2	25	44.6	21.8	3.5	7.9	8	1004.7	340	15	0	30	1
2	27.8	22.4	19.6	22.8	61	1004.9	260	8	0	30	41.0	24.0	14.2	16.2	21	1005.3	210	5	0	30	2
3	27.5	20.5	16.3	18.6	51	1004.8	310	4	0	20	41.8	22.7	10.1	12.3	15	1005.4	200	6	0	20	3
4	29.2	24.0	21.6	25.7	63	1004.6	–	0	0	20	42.2	25.2	16.2	18.5	22	1005.0	160	4	0	25	4
5	31.2	21.8	16.4	18.6	41	1003.8	300	4	0	20	46.2	23.4	7.8	10.6	10	1003.0	330	8	0	4	5
6	32.5	21.0	13.7	15.7	32	1002.4	350	3	0	3	44.2	23.2	9.2	11.6	13	1000.9	340	5	7	3	6
7	28.8	17.1	7.2	10.2	26	1001.2	330	8	2	15	43.5	21.8	5.1	8.7	10	1000.6	360	13	0	6	7
8	27.2	19.9	15.3	17.4	48	1000.2	290	8	0	15	41.4	25.0	16.3	18.6	23	1000.0	200	8	2	30	8
9	29.5	22.0	17.9	20.5	50	999.8	330	3	0	15	43.8	23.8	11.4	13.5	14	1001.1	240	3	0	15	9
10	26.2	16.3	7.8	10.6	31	1002.8	360	7	0	20	41.7	21.5	6.2	9.5	12	1002.6	310	12	0	20	10
11	24.2	15.5	7.9	10.6	35	1002.1	340	7	0	20	41.3	21.8	7.7	10.6	13	1001.7	300	25	5	10	11
12	24.0	17.8	13.4	15.4	52	999.7	310	12	0	15	40.7	21.1	6.0	9.4	13	998.1	300	6	0	5	12
13	24.6	19.9	17.1	19.5	63	997.3	310	6	0	3	38.0	24.5	17.4	20.0	30	998.1	160	6	0	15	13
14	25.2	20.0	16.9	19.2	60	998.8	270	3	0	8	38.0	25.3	19.1	22.1	33	999.7	180	4	0	8	14
15	27.7	20.7	16.5	18.8	51	1000.0	–	0	0	15	40.6	26.2	19.3	22.4	29	1000.0	140	4	0	6	15
16	25.8	17.3	10.8	13.0	39	998.8	360	10	0	25	42.4	22.2	7.8	10.6	13	999.0	250	9	0	5	16
17	28.8	18.8	11.7	13.7	35	998.6	330	3	0	25	46.0	22.4	4.1	8.2	8	998.9	350	12	0	15	17
18	27.4	16.4	6.7	9.8	27	1000.4	340	2	0	15	42.0	20.9	3.3	7.8	10	1000.5	310	18	x	0.5	18
19	25.4	17.4	11.4	13.5	42	999.7	300	4	0	15	41.2	20.4	1.7	6.9	9	999.1	320	35	x	0.2	19
20	25.5	18.3	13.3	15.3	47	998.7	320	4	0	20	40.7	20.7	4.4	8.4	11	998.2	310	18	x	0.9	20
21	25.2	20.2	17.2	19.7	62	999.0	300	4	0	15	41.5	22.0	8.1	10.8	14	998.5	300	10	0	15	21
22	26.3	19.5	15.1	17.2	50	997.9	340	3	0	15	41.0	23.0	11.6	13.7	18	997.4	310	10	0	3	22
23	27.2	19.1	13.6	15.7	43	997.2	310	6	0	20	42.8	20.8	1.8	7.0	8	997.1	300	12	0	15	23
24	24.0	17.6	13.1	15.0	50	995.9	310	8	0	20	40.0	25.2	17.6	20.2	28	996.8	180	4	0	25	24
25	25.8	17.8	12.0	14.0	42	995.2	320	8	0	30	40.5	22.5	11.0	13.1	17	996.6	240	7	0	25	25
26	29.2	20.0	14.0	16.0	40	995.5	300	4	0	40	43.4*		13.6*	15.9*	18*	995.2*	220*	6*			26
27	27.2	22.0	19.2	22.3	62	995.8	290	4	0	15	42.8	21.7	5.4	9.0	11	996.5	330	12	0	15	27
28	27.0	18.7	12.9	14.9	42	996.2	310	4	0	20	42.8	21.5	4.8	8.6	10	995.6	310	13	0	7	28
29	26.2	18.7	13.6	15.6	46	995.3	310	4	0	15	41.6	20.8	3.6	7.9	10	996.0	310	16	0	3	29
30	25.5	19.4	15.5	17.6	54	995.8	300	10	0	15	40.0	21.4	7.8	10.6	14	996.2	320	14	x	2	30
31																					31
Av.	27.0	19.3	13.9	16.3	46	999.6	–	5	0	18	41.9	21.9	9.2	12.4	16	999.6	–	11	2	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)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : June Year : 1964

Station : Bandar Mashur

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

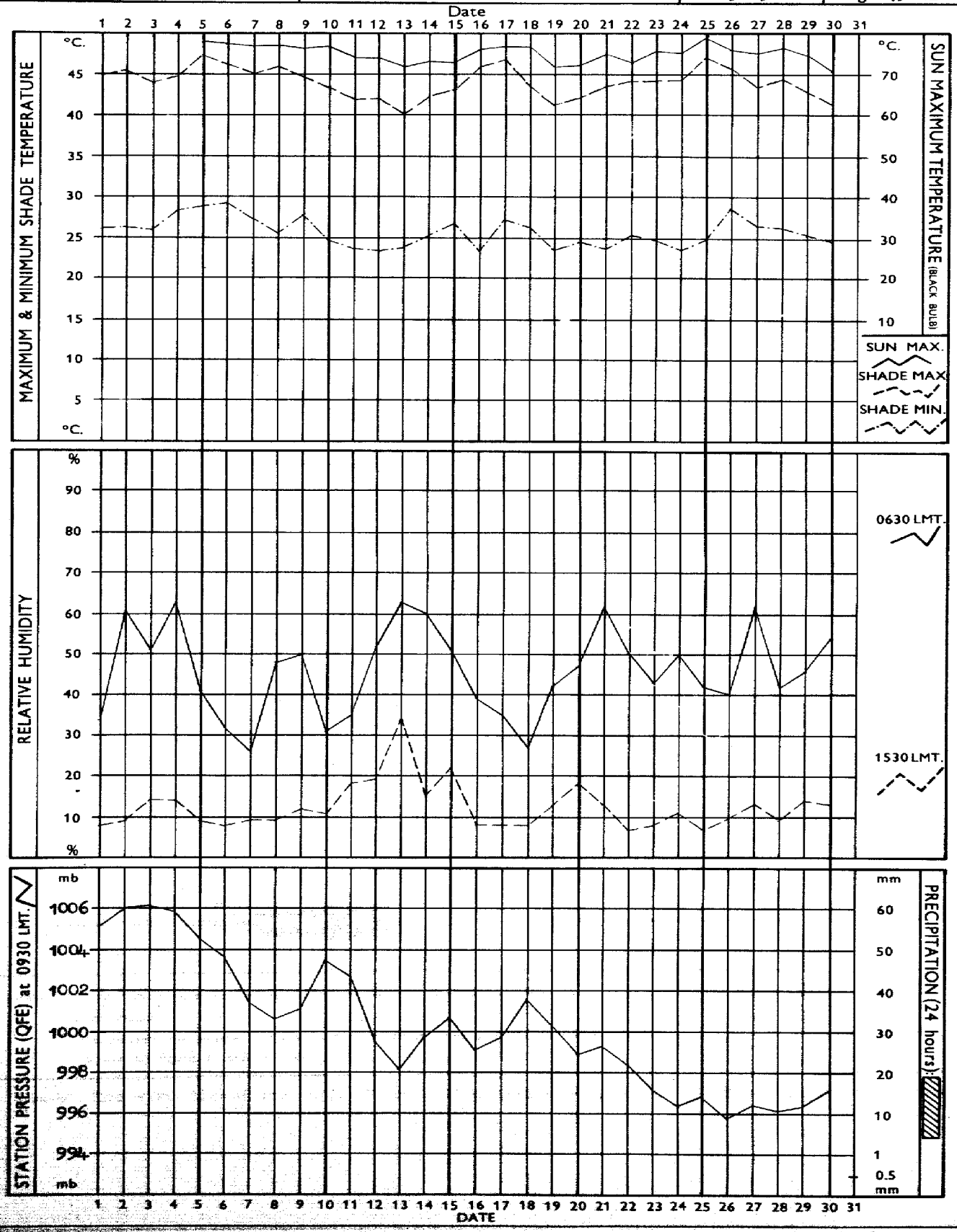
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
38.9	23.4	14.5	16.5	24	1003.3	320	10	0	6		44.9	26.0	23.6		320	24	0	Haze	1
41.1	22.2	9.3	11.7	15	1003.3	340	9	0	15		45.5	26.3	23.6		330	22	0	Clear	2
37.8	25.0	18.6	21.4	32	1003.0	220	14	0	20		44.0	26.0	23.2		110	19	0	"	3
38.7	25.5	19.1	22.1	32	1002.3	200	10	0	20		44.8	28.2	24.6		290	17	0	"	4
38.0	27.0	22.2	26.9	41	1000.7	270	15	6	3		47.4	28.8	25.7	78.2	270	20	0	Haze	5
43.9	22.5	7.2	10.2	11	998.7	310	7	5	5		46.2	29.3	28.5	77.5	340	23	0	"	6
40.5	19.8	0.7	6.5	9	999.0	320	11	0	1.5		45.0	27.2	25.3	77.0	340	29	0	"	7
42.5	20.4	0.4	6.3	7	998.0	320	10	0	25		46.0	25.5	24.1	77.2	340	18	0	Fair	8
37.0	22.0	12.4	14.5	23	1000.1	310	14	0	2		44.7	27.8	25.8	76.5	300	20	0	Haze	9
38.0	20.0	5.4	9.0	14	1000.9	330	16	0	1.3		43.2	24.7	21.0	76.8	310	26	0	"	10
35.8	20.0	8.0	10.7	18	999.5	300	20	x	0.2		42.0	23.8	22.0	74.5	300	37	0	Sandst.	11
36.2	21.7	12.4	14.4	24	996.2	310	18	x	0.1		42.0	23.5	20.3	74.3	300	26	0	"	12
34.0	24.0	18.9	21.9	41	996.7	310	12	x	0.8		40.0	23.7	22.2	72.0	280	19	0	"	13
36.6	23.6	16.5	18.8	31	998.4	180	8	0	20		42.3	25.2	22.5	73.5	280	12	0	Haze	14
37.0	21.5	11.2	13.3	21	998.4	320	10	0	3		43.0	26.8	24.2	73.2	300	23	0	"	15
40.5	22.3	10.1	12.4	16	997.4	330	15	0	2		45.8	23.5	22.1	76.3	340	26	0	"	16
42.2	21.1	4.1	8.2	10	997.8	340	13	0	3		46.8	27.2	25.2	77.2	300	28	0	"	17
39.2	20.0	3.7	8.0	11	998.8	310	22	x	0.3		43.5	26.5	25.2	76.8	300	31	0	Sandst.	18
38.1*		3.8*	8.0*	19*	998.4*	300	25*				41.2	23.5	19.8	71.8	310	40	0	"	19
37.2	21.8	11.8	13.8	22	997.0	290	12	0	3		42.0	24.5	23.0	72.3	300	26	0	"	20
40.0	22.2	10.3	12.5	17	996.5	310	10	0	4		43.6	23.7	22.0	75.2	320	21	0	Haze	21
37.2	21.8	11.8	13.8	22	995.6	310	13	0	3		44.2	25.4	25.2	73.2	280	21	0	"	22
37.5	20.8	8.6	11.2	17	995.4	310	16	x	0.7		44.2	24.8	22.8	75.7	290	24	0	Sandst.	23
38.7	25.4	18.9	21.8	32	994.5	180	10	0	30		44.3	23.8	22.5	75.3	320	14	0	Clear	24
43.3	22.0	6.1	9.4	11	994.3	330	12	0	25		47.2	24.9	23.4	78.8	340	18	0	"	25
40.8	24.0	14.3	16.4	21	992.9	340	10	0	15		45.8	28.6	25.9	76.0	310	18	0	"	26
37.2	22.0	12.3	14.3	23	995.4	310	12	0	4		43.5	26.5	25.2	75.3	310	24	0	Haze	27
38.0	21.0	8.7	11.3	17	995.5	310	18	x	0.4		44.2	26.2	24.2	76.8	310	30	0	Sandst.	28
36.0	20.5	9.2	11.7	20	995.1	310	25	x	0.2		42.8	25.5	24.1	75.0	320	35	0	"	29
35.0	23.7	17.7	20.3	36	994.6	300	12	0	3		41.3	24.7	22.9	70.8	310	26	0	Haze	30
																			31
38.6	21.6	10.9	13.9	21	997.9	–	14	2	8		44.0	25.7	23.7	75.2					Av.

CODE FOR REMARKS (continued)

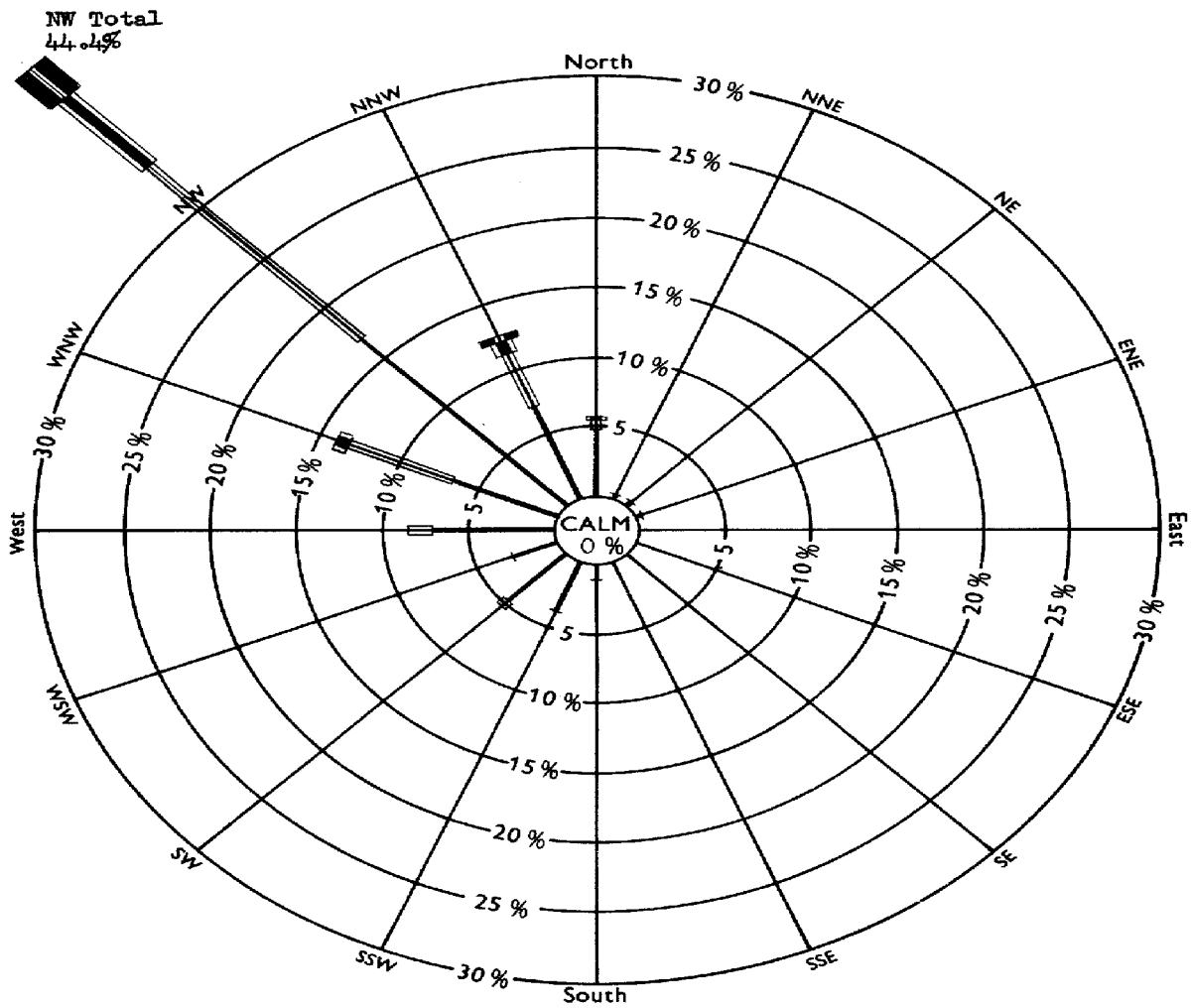
Sandst : Sandstorm. Vis. ≤ 1 km.
Fog : Visibility ≤ 1 km.
Drizzle : Raindrop diameter ≤ 0.5 mm.
Rain : Rain not falling as showers
Snow : Snowfall
Rainsh : Rain falling as showers
Hail : Solid precipitation
Th.storm: Thunderstorm at or near the station

Met. Form 3b

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

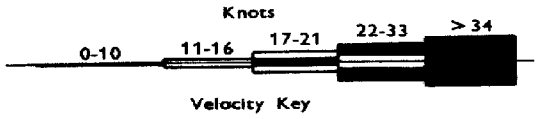


IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : June	Year : 1964
		Station : Bandar Mashur	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°30' N.	Long : 49°12' E.

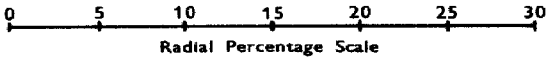


Hours in month 720

Hours recorded 720



Velocity Key



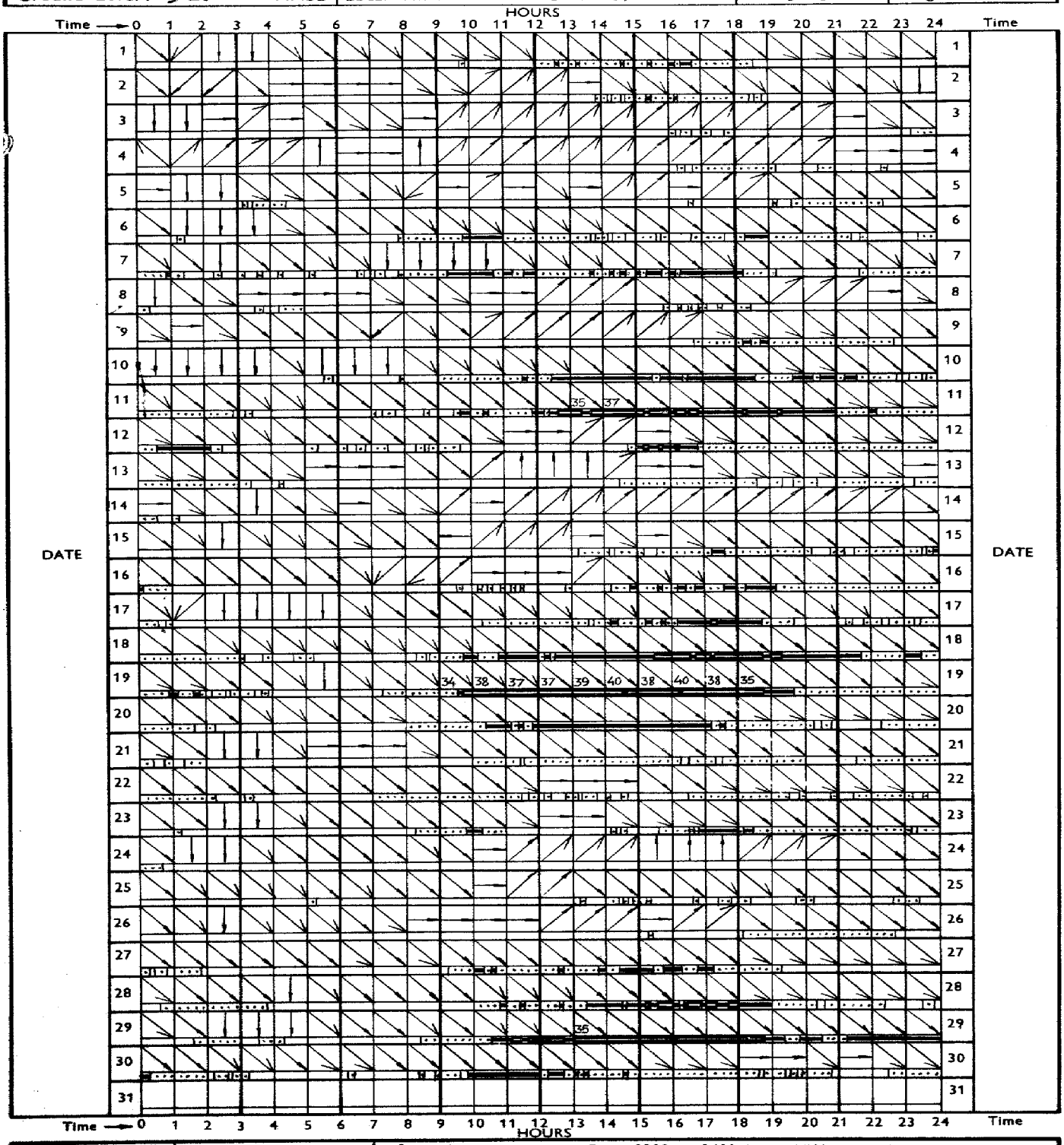
Radial Percentage Scale

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 71.1% of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : June	Year : 1964
		Station : Bander 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	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 :

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : June 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	27.0	24.0	22.6	27.5	77	1004.2	360	2	1	1.5	37.4	22.4	13.1	15.1	24	1004.4	280	8	0	10	1
2	28.4	23.2	20.6	24.3	63	1005.1	–	0	0	15	35.0	28.2	14.5	16.5	29	1005.5	340	10	0	15	2
3	28.4	26.0	25.0	31.7	82	1005.3	–	0	0	15	34.0	27.6	25.1	31.8	60	1006.3	120	5	0	20	3
4	28.0	26.0	25.1	32.0	85	1005.0	–	0	0	15	37.6	23.2	14.9	17.0	26	1005.4	340	4	0	20	4
5	30.0	25.2	23.1	28.2	67	1003.4	–	0	0	20	36.4	28.0	24.7	31.1	51	1003.9	–	0	0	20	5
6	29.6	25.0	23.0	28.0	68	1002.3	–	0	0	4	38.0	24.2	16.8	19.2	29	1001.4	340	10	0	3	6
7	31.0	25.2	22.6	27.5	61	1000.1	360	10	0	20	37.0	24.4	18.0	20.6	33	1000.1	360	10	0	20	7
8	32.0	22.4	17.0	19.4	41	999.6	330	12	0	20	37.0	21.2	10.1	12.4	20	1000.2	360	10	0	20	8
9	29.4	25.8	24.3	30.4	75	999.6	060	2	0	20	39.8	23.0	12.6	14.6	20	1001.3	330	12	0	20	9
10	29.4	23.4	20.4	24.0	59	1002.6	360	10	0	20	37.0	21.6	11.3	13.4	22	1002.4	360	15	0	20	10
11	28.8	23.0	20.1	23.5	60	1001.1	360	8	0	20	36.2	22.4	14.1	16.1	27	1002.1	360	20	0	20	11
12	28.8	23.0	20.1	23.5	60	1000.0	360	12	0	10	34.0	20.6	11.4	13.5	26	999.9	360	15	0	20	12
13	28.4	24.4	22.6	27.3	70	998.0	360	5	0	3	32.6	23.6	19.0	22.0	45	999.1	360	10	0	3	13
14	28.0	24.6	23.1	28.3	75	999.3	–	0	0	2	33.6	25.0	21.0	24.8	48	1000.3	360	4	0	3	14
15	28.8	22.6	19.3	22.5	57	1000.3	–	0	0	10	34.4	26.4	23.0	28.0	51	1000.8	070	4	0	12	15
16	28.6	24.4	22.4	27.2	70	999.0	360	5	0	20	35.6	25.6	21.0	24.9	43	999.1	–	0	0	15	16
17	30.0	25.6	23.7	29.4	69	998.2	340	5	0	20	37.0	25.0	19.1	22.1	35	999.5	150	8	0	20	17
18	30.4	24.8	22.2	26.8	61	999.0	340	10	0	20	36.0	23.6	16.8	19.2	32	999.9	350	13	0	2	18
19	30.0	22.8	18.9	22.0	51	999.7	350	12	0	20	35.2	22.4	14.8	16.8	30	999.3	350	10	0	20	19
20	29.8	22.6	18.8	21.7	52	998.1	320	10	0	15	32.4	24.4	20.5	24.8	50	998.7	320	10	0	20	20
21	29.2	23.8	21.8	25.2	62	998.2	300	10	0	4	35.0	22.4	14.9	17.0	30	999.1	320	12	0	12	21
22	29.4	24.0	21.4	25.5	63	997.8	360	8	0	15	34.8	23.2	16.8	19.2	35	998.3	320	14	0	15	22
23	30.0	24.0	21.1	25.1	59	996.6	340	8	0	15	36.0	23.2	16.0	18.0	30	997.1	330	15	0	20	23
24	30.0	24.0	21.1	25.1	59	995.3	320	13	0	20	36.0	24.2	18.0	20.7	35	996.7	330	15	0	20	24
25	28.0	26.0	25.2	32.0	85	995.0	–	0	0	20	38.0	25.6	19.7	23.0	35	996.5	330	10	0	20	25
26	28.0	27.0	26.6	34.9	92	995.3	350	2	0	20	37.6	24.0	16.7	19.0	29	995.1	340	12	0	25	26
27	29.8	28.2	23.2	28.4	68	995.2	360	5	0	20	37.6	24.8	18.3	21.0	33	996.6	360	12	0	25	27
28	30.4	24.2	21.2	25.3	58	995.8	360	10	0	20	36.0	23.8	17.3	19.8	34	996.0	360	10	0	20	28
29	30.0	24.0	21.1	25.1	59	994.4	360	10	0	20	35.4	24.0	18.0	20.7	36	995.7	330	15	0	20	29
30	29.0	23.4	20.5	24.2	60	996.7	340	10	0	20	33.4	23.4	18.1	20.8	40	997.0	330	10	0	20	30
31																					31
Av.	29.3	24.4	21.9	26.5	66	999.3	–	6	0	15	35.9	24.0	17.2	20.1	35	999.9	–	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)

Met. Form 3a

IRANIAN OIL OPERATING COMPANIES

MONTHLY WEATHER REPORT

Month : June 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
33.2	23.2	17.8	20.4	40	1003.4	300	12	0	15		40.7	26.8	26.0		350	22	0	Dust	1
35.2	22.6	15.2	17.3	31	1003.3	300	10	0	20		38.0	26.0	24.1		360	19	0	Clear	2
34.6	23.0	16.5	18.8	34	1003.7	270	11	0	20		39.4	27.2	25.9		320	15	0	"	3
35.0	25.0	20.2	23.7	42	1003.4	260	10	0	20		38.6	27.0	25.0		330	10	0	"	4
36.4	24.6	18.6	21.5	35	1001.5	270	10	0	20		40.2	27.5	25.0		330	14	0	"	5
34.4	26.0	22.3	26.9	50	999.1	300	10	0	2		40.8	28.5	26.6		350	21	0	Haze	6
38.4	21.6	10.1	12.4	18	998.3	330	12	0	6		41.6	30.4	28.4		360	19	0	"	7
36.0	23.2	16.0	18.2	31	998.0	270	8	0	20		39.8	30.5	28.0		330	24	0	Clear	8
38.6	22.0	11.1	13.2	19	1000.0	310	8	0	25		41.5	29.0	26.8		010	16	0	"	9
36.0	23.0	15.6	17.7	30	1000.2	300	15	0	8		38.6	29.0	26.7		360	26	0	Haze	10
34.0	24.2	19.3	22.4	42	999.7	280	14	0	3		38.0	28.5	26.7		360	30	0	"	11
32.2	24.6	21.0	24.8	52	996.7	300	6	x	1.5		36.0	28.5	27.0		360	21	0	"	12
33.2	24.2	19.7	23.0	45	997.2	280	10	0	1		34.5	28.0	27.8		360	15	0	Dust	13
34.0	20.4	10.9	13.1	24	999.1	320	4	0	5		35.0	27.8	27.2		360	11	0	Haze	14
34.8	24.2	18.7	21.7	39	998.7	360	8	0	15		38.0	26.4	25.4		360	18	0	"	15
35.8	18.8	3.0	8.2	14	998.0	340	8	0	15		38.8	28.5	26.7	74.0	350	21	0	Clear	16
33.0	25.2	21.6	25.8	51	997.4	250	10	0	15		38.4	29.2	28.9	73.0	310	20	0	"	17
35.8	22.6	14.7	16.8	29	998.5	330	20	0	3		38.0	29.4	28.2	72.0	360	23	0	Haze	18
34.2	24.0	18.8	21.7	41	997.8	330	20	x	0.5		37.5	30.0	28.8		010	32	0	Sandst.	19
33.8	24.0	19.0	22.0	42	996.6	300	18	x	1.5		35.5	29.0	26.7	72.0	360	28	0	Haze	20
34.4	22.2	14.9	17.0	32	997.3	300	10	0	15		36.5	28.2	26.2		360	19	0	"	21
34.4	23.8	18.3	21.0	39	996.5	300	10	0	20		36.6	29.0	27.2	72.4	340	17	0	Clear	22
35.4	22.4	14.6	16.7	29	995.4	340	10	0	20		38.2	29.0	27.7	72.0	360	20	0	"	23
37.6	21.0	9.2	11.6	18	994.9	320	15	0	20		39.0	28.5	27.8	75.0	010	15	0	"	24
38.0	23.0	14.2	16.1	24	994.4	330	14	0	20		41.2	28.0	26.6	74.0	360	14	0	"	25
35.6	24.6	19.1	22.1	38	993.6	300	10	0	20		41.2	28.0	25.6	73.0	360	16	0	"	26
36.2	23.8	17.2	19.6	33	995.2	280	13	0	15		42.2	29.6	27.8	75.3	340	25	0	"	27
34.2	25.8	22.1	26.5	50	994.2	280	8	0	2		39.2	29.5	28.0	74.0	340	34	0	Haze	28
35.0	24.2	18.7	21.6	39	994.1	300	20	x	2		38.6	28.0	26.7	71.5	350	35	0	"	29
33.8	23.4	17.8	20.5	39	994.7	280	10	0	10		36.0	28.5	26.7	71.8	350	29	0	"	30
																			31
35.1	23.4	16.5	19.4	35	998.0	–	12	1	12		38.6	28.5	26.9						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

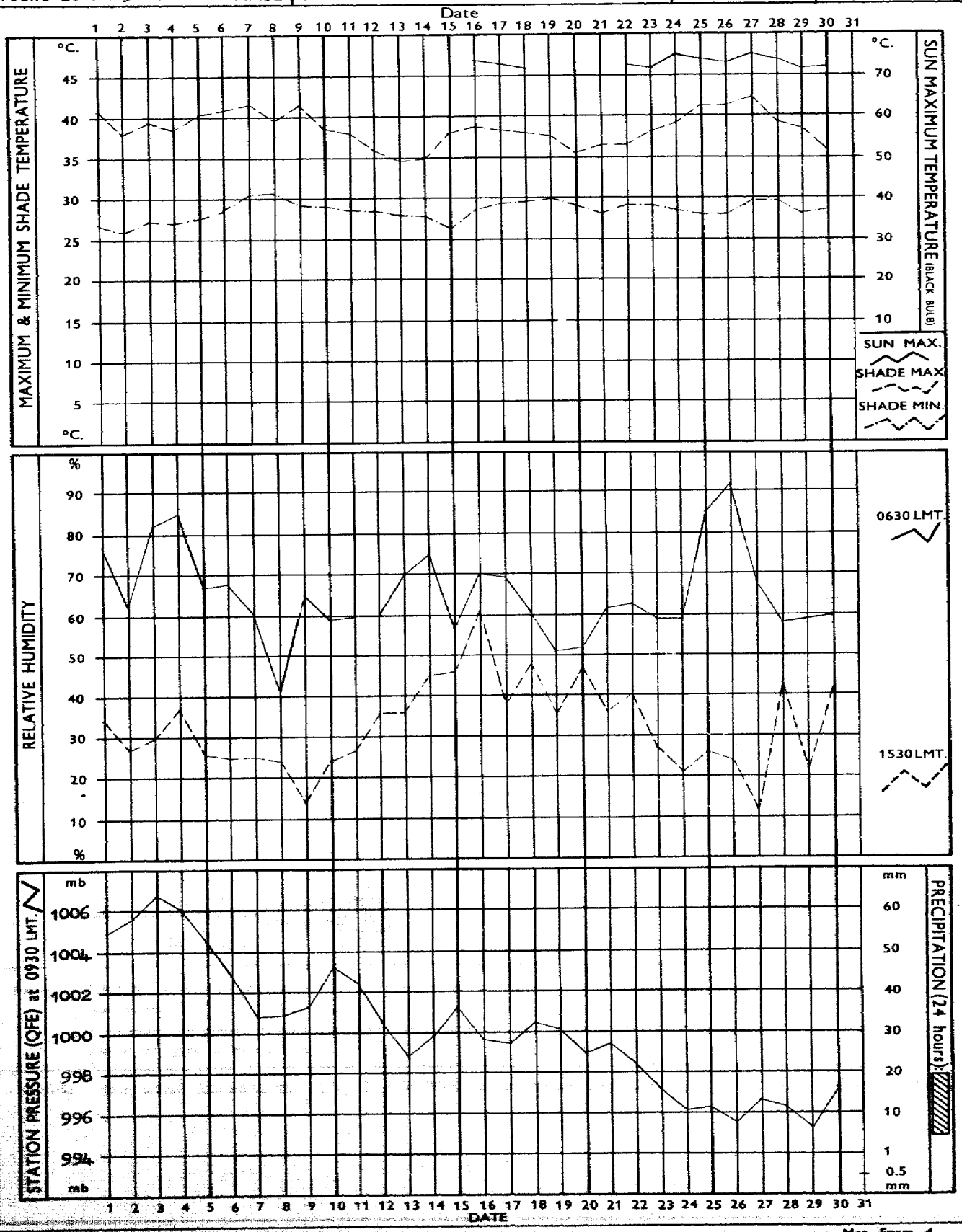
Rainsh : Rain falling as showers

Hail : Solid precipitation

Th.storm: Thunderstorm at or near the station

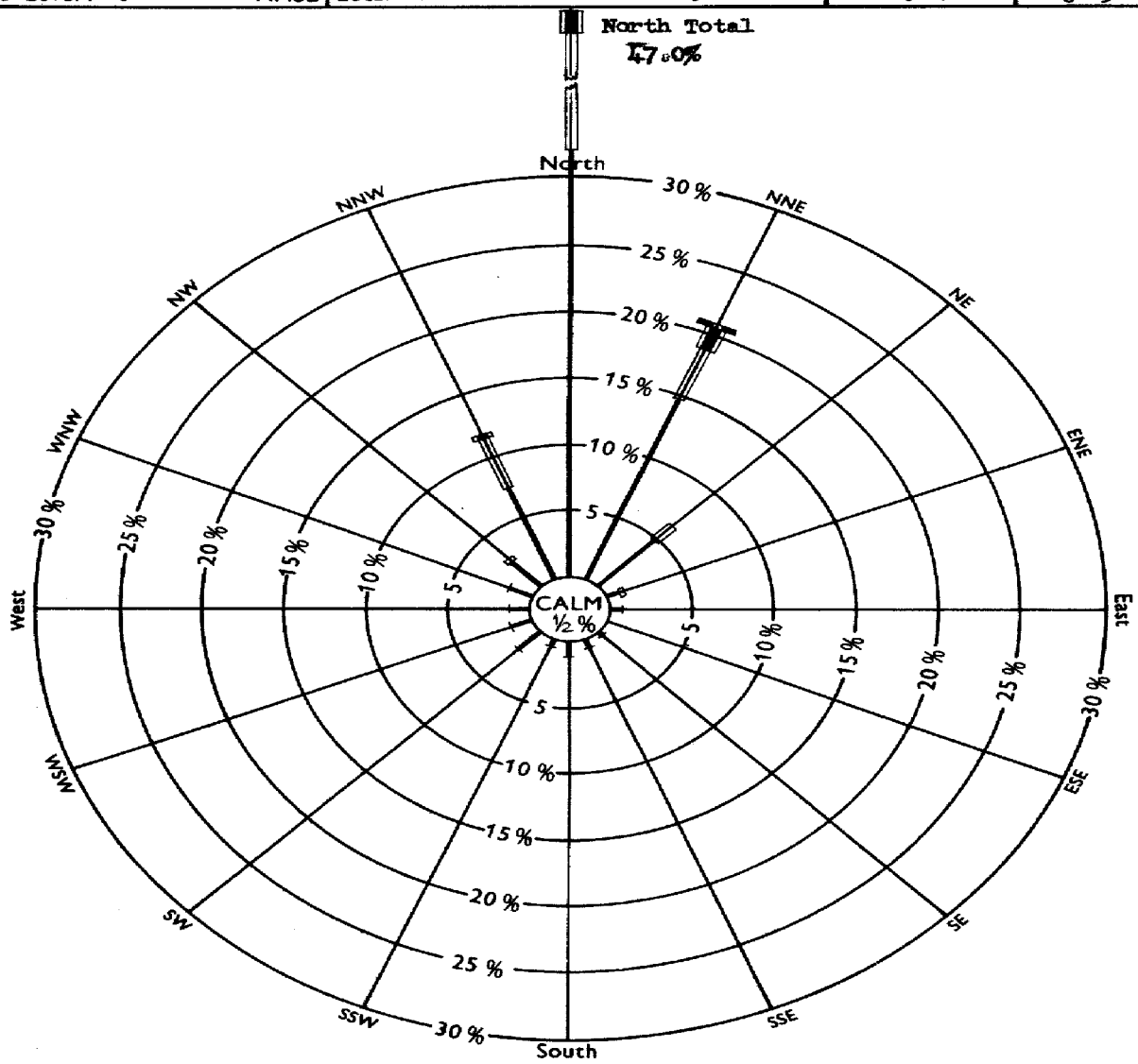
Met. Form 3b

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



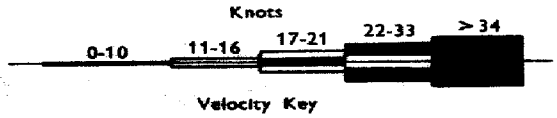
Met. Form 4

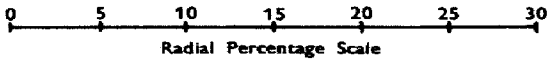
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : June	Year : 1964
		Station : Kharg Island	
Ground Level : 3 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 29°16' N.	Long : 50°20' E.



Hours in month 720

Hours recorded 720



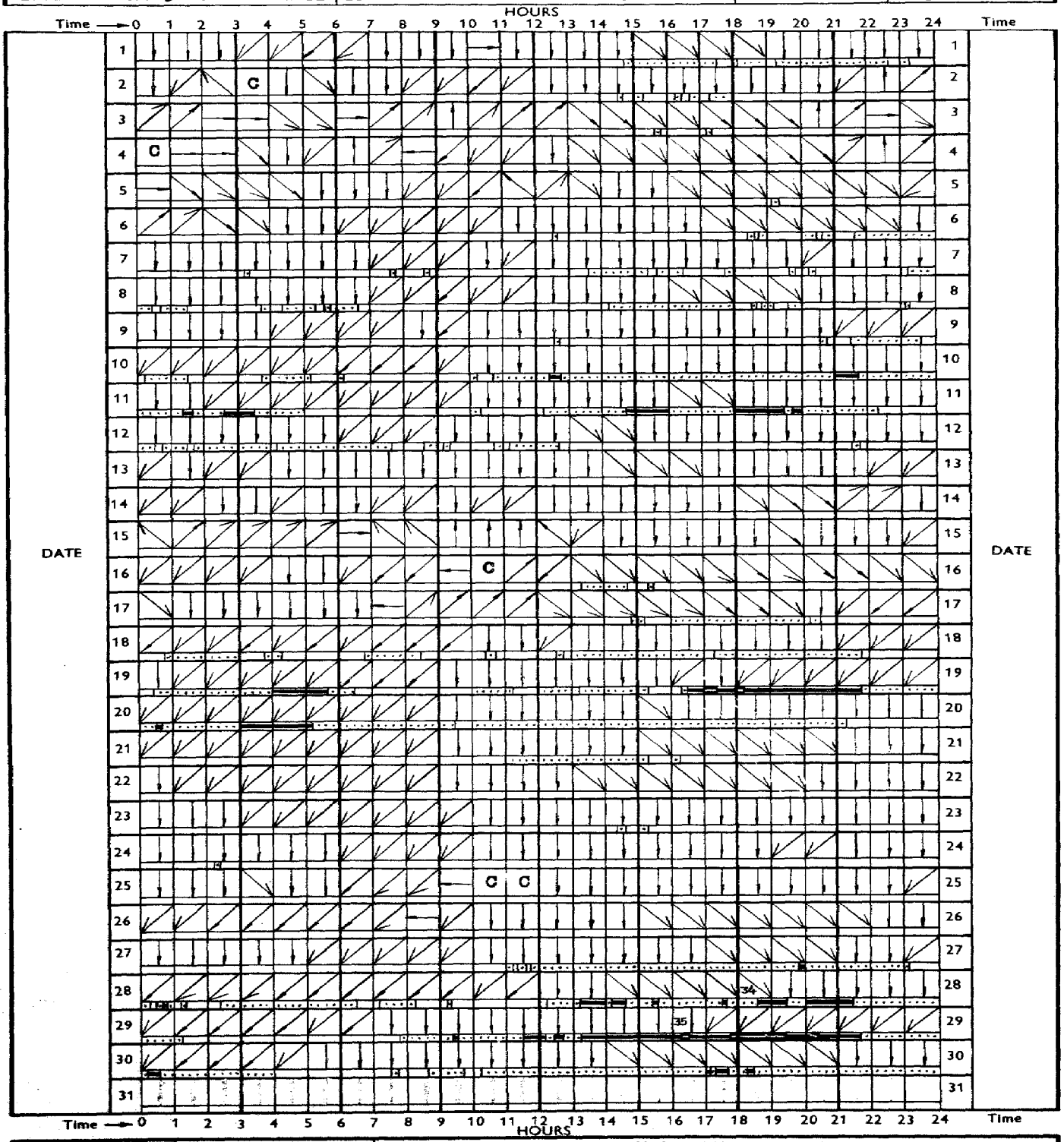


Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 NNW, N and NNE constitute together 79.7% of all observations.

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : June	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	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

33.

IRANIAN OIL OPERATING COMPANIES	MONTHLY WEATHER REPORT	Month : June Year : 1964
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Station : Sheikh Shu'aib
		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	25.9	24.9	24.4	30.7	92	1004.6	270	1	0	30	31.0	27.5	26.2	33.9	75	1005.9	190	7	0	20	1
2	28.0	26.2	25.4	32.6	86	1005.0	300	2	0	10	31.3	28.2	27.1	35.8	79	1005.7	230	3	1	6	2
3	26.9	26.4	26.2	34.0	96	1005.6	330	1	2	30	31.8	27.7	26.1	33.9	72	1007.0	220	5	1	25	3
4	27.4	27.2	27.1	36.0	99	1005.3	300	2	0	1.2	32.0	27.1	25.2	32.0	67	1006.5	150	3	0	6	4
5	27.5	27.2	27.1	35.8	97	1003.6	010	1	0	20	31.0	28.0	26.9	35.4	79	1004.9	150	6	0	20	5
6	27.6	27.5	27.3	36.7	99	1001.8	350	2	0	0.5	31.1	28.9	28.1	38.1	84	1001.5	170	7	0	6	6
7	28.3	28.2	28.1	38.2	99	999.9	080	1	x	0.1	32.7	29.5	28.4	38.7	78	999.6	160	12	0	10	7
8	29.3	28.3	27.9	37.6	92	999.0	100	5	0	6	33.1	29.6	28.4	38.7	76	998.9	190	8	0	6	8
9	30.1	28.7	28.2	38.3	90	1000.1	110	6	0	15	32.7	29.1	27.8	37.4	75	1002.2	220	6	0	20	9
10	27.4	27.1	27.0	35.6	97	1000.5	270	1	0	6	33.0	28.8	27.3	36.3	72	1000.9	220	4	0	6	10
11	29.0	28.1	27.8	37.3	93	1000.5	300	1	0	10	33.5	28.6	26.8	35.3	68	1000.6	120	7	0	20	11
12	29.5	27.5	26.7	35.1	85	998.8	280	2	0	6	33.8	28.6	26.7	35.0	66	999.1	240	8	x	0.5	12
13	28.4	25.6	24.4	30.6	79	998.3	120	1	0	10	31.7	27.4	25.7	33.1	71	999.3	150	10	0	15	13
14	27.4	27.0	26.8	35.3	96	1000.2	270	2	0	1.2	32.1	27.5	25.7	33.1	69	1000.6	160	4	0	1.2	14
15	30.3	24.8	22.3	26.9	62	1000.5	020	1	0	2	34.2	26.8	23.7	29.4	55	1000.4	230	11	0	10	15
16	29.9	26.4	25.0	31.6	74	999.8	300	2	8	6	37.5	21.0	9.3	11.7	18	999.7	280	6	1	6	16
17	27.8	27.5	27.4	36.5	98	999.3	290	3	6	5	32.6	29.0	27.7	37.2	75	999.7	220	8	0	15	17
18	29.0	28.1	27.8	37.3	93	998.2	280	5	0	6	32.8	29.2	27.9	37.6	75	998.5	240	8	0	6	18
19	31.3	24.6	21.4	25.6	56	997.1	300	15	0	1	38.2	23.6	15.4	17.5	26	996.8	300	16	0	4	19
20	28.7	25.7	24.4	30.6	78	997.2	130	8	8	6	31.5	27.7	26.2	34.1	74	998.4	170	10	6	6	20
21	29.6	27.6	26.8	35.3	85	998.2	110	12	0	4	31.3	28.9	28.1	38.0	83	999.0	150	8	0	2	21
22	27.2	26.3	25.9	33.5	93	997.7	300	1	0	1.2	34.0	26.4	23.2	28.4	54	998.0	210	7	0	6	22
23	27.7	27.6	27.6	36.9	99	996.4	290	1	0	6	33.5	27.2	24.7	31.1	60	996.9	240	9	0	15	23
24	28.2	26.2	25.4	32.4	85	995.8	300	2	0	6	33.3	28.0	26.0	33.6	66	996.8	230	7	0	6	24
25	28.3	27.8	27.6	37.0	96	995.2	010	1	0	20	35.5	26.2	22.1	26.6	46	996.3	330	12	0	24	25
26	28.2	26.5	25.8	33.3	87	994.8	260	2	0	10	33.3	28.7	27.0	35.7	70	994.9	210	9	0	10	26
27	29.2	29.0	28.9	39.9	98	994.4	010	1	4	20	31.6	29.2	28.4	38.6	83	995.7	160	10	0	20	27
28	31.6	24.8	21.7	25.9	56	993.7	050	5	2	6	32.3	29.4	28.4	38.7	80	993.8	180	7	0	6	28
29	30.3	28.3	27.6	36.9	85	993.0	150	1	1	15	33,0	28.8	27.3	36.3	72	993.6	110	6	0	6	29
30	31.4	27.0	25.2	32.2	70	993.6	300	4	x	6	33.8	30.0	28.7	39.0	74	995.5	200	4	0	6	30
31																					31
Av.	28.7	26.9	26.2	34.2	87	998.9	–	3	2	9	33.0	27.9	25.7	33.7	68	999.6	–	8	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: June Year: 1964
Station: Sheikh Shu'aib

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

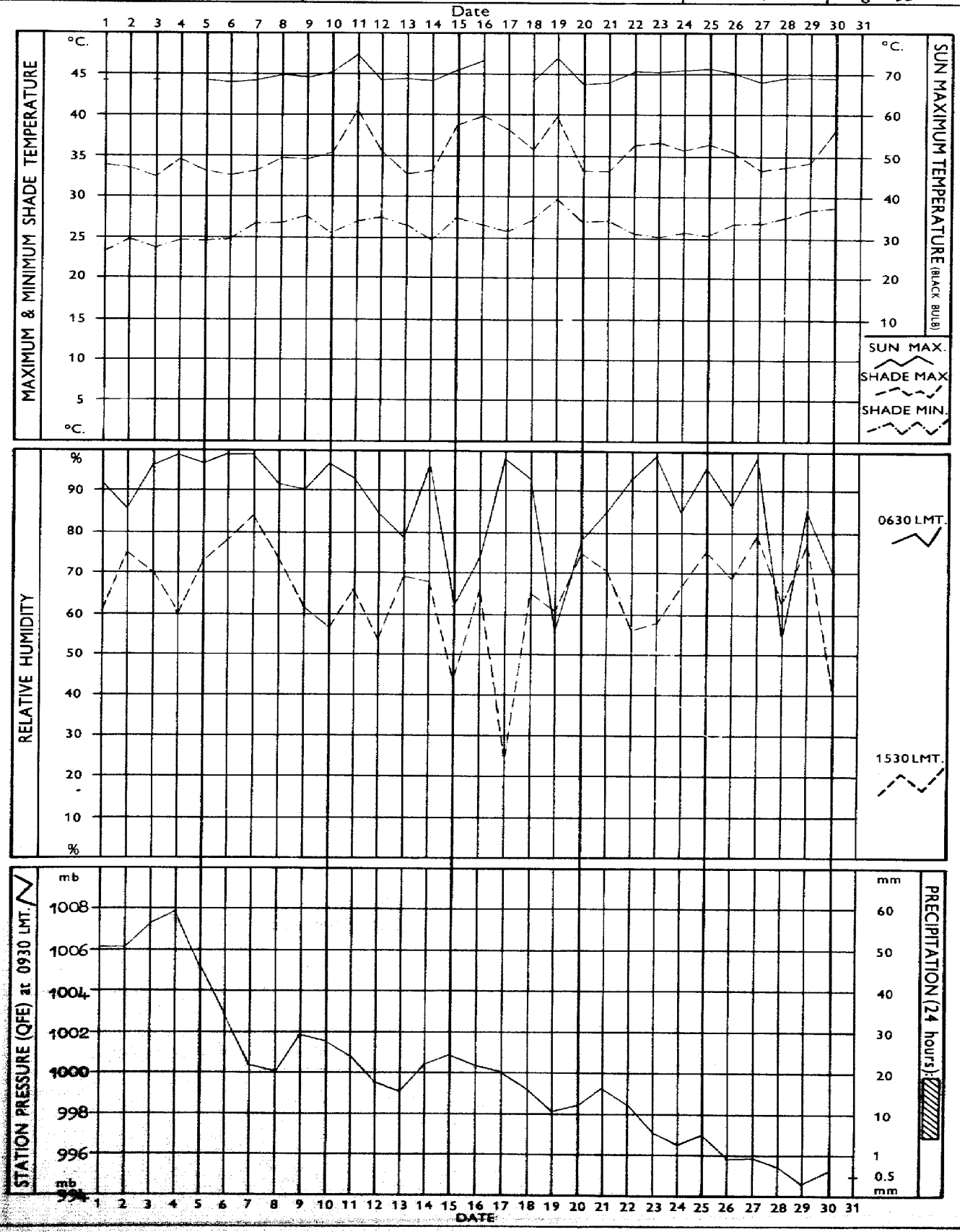
Observations at 1830										Sea Temperature at 0930	Extreme Temperature				Max. Wind		24 hour Rainfall (1830 – 1830)		
Shade Temperature	Wet Bulb Temperature	Humidity: Dew Point Temperature	Humidity: Vapour Pressure	Humidity: Relative Humidity	Station Pressure (QFE)	Wind: Direction	Wind: Velocity	Cloudiness	Visibility		Maximum Shade Temperature	Minimum Shade Temperature	Ground Minimum Temperature	Sun Maximum Temperature	Direction	Velocity			
°C	°C	°C	mb	%	mb	deg.	kt	/8	km	°C	°C	°C	°C	°C	deg	kt	mm	Remarks	Date
31.7	22.6	17.6	20.2	43	1004.9	300	3	0	30	28.7	33.7	23.2		68.5	330	9	0	Clear	1
31.1	26.2	24.2	30.1	67	1005.5	290	3	1	6	28.5	33.6	24.9			300	8	0	Haze	2
31.0	26.7	24.9	31.6	70	1005.5	250	3	1	24	29.0	32.6	23.8		68.6	250	11	0	Fair	3
31.6	26.4	24.3	30.3	65	1003.7	300	5	0	10	28.5	34.6	24.7			310	6	0	Fog	4
30.8	28.2	27.2	36.2	82	1002.3	230	3	0	30	29.1	33.3	24.6		68.5	150	10	0	Clear	5
31.1	28.9	28.1	38.1	84	999.6	160	3	0	6	29.8	32.7	24.9		68.0	170	4	0	Fog	6
31.1	29.4	28.8	39.6	87	997.8	180	3	0	20	30.5	33.1	26.8		68.4	120	13	0	"	7
34.5	25.0	20.4	24.1	44	997.4	300	3	0	6	30.4	34.8	26.8		69.9	200	8	0	Haze	8
32.7	27.5	25.5	32.6	66	1000.0	320	5	0	20	30.2	34.6	27.7		69.0	270	15	0	Clear	9
33.4	27.8	25.7	32.9	64	999.3	290	4	0	6	29.9	35.5	25.7		70.5	100	12	0	Haze	10
31.8	28.0	26.6	34.8	74	998.5	230	4	0	8	29.6	40.6	27.1		75.1	130	15	0	"	11
31.7	24.6	21.3	25.3	54	996.8	270	12	0	6	29.4	35.7	27.6		68.5	300	16	0	Dust	12
30.9	27.6	26.3	34.3	77	998.6	220	3	0	1.5	29.4	32.9	26.7		68.9	140	10	0	Haze	13
30.2	26.8	25.4	32.6	76	999,6	330	4	0	1.2	29.6	33.2	24.9		68.6	340	7	0	"	14
33.7	22.9	16.9	19.3	37	999.4	280	6	0	10	29.1	38.8	27.5		71.2	330	14	0	"	15
32.8	26.7	24.2	30.2	61	998.2	300	6	0	6	27.9	40.0	26.8		73.5	320	12	0	"	16
31.0	28.7	27.8	37.4	83	998.5	240	3	3	20	28.9	38.2	25.9			250	15	0	Mist	17
33.3	28.0	26.0	33.6	65	996.5	300	2	0	6	29.5	36.0	27.3		68.2	330	15	0	Haze	18
30.7	27.0	25.6	32.7	74	995.5	210	9	0	15	29.0	39.5	29.7		74.2	250	24	0	Dust	19
31.5	27.0	25.2	32.1	70	997.0	220	4	2	6	29.1	33.4	27.1		67.7	120	12	0	Haze	20
31.0	28.4	27.4	36.6	82	997.9	220	3	0	2	29.5	33.2	27.3		68.0	130	12	0	"	21
32.4	26.8	24.4	30.7	63	995.9	230	5	0	6	30.2	36.2	25.8		70.5	330	9	0	"	22
33.0	25.9	22.8	27.8	55	994.9	310	9	0	20	30.2	36.7	25.1		70.0	250	11	0	Mist	23
31.8	27.2	25.4	32.4	69	995.8	240	5	0	6	29.4	35.8	25.7		71.0	230	12	0	Haze	24
31.5	28.8	27.8	37.5	81	995.0	240	6	0	24	29.4	36.6	25.4		71.6	310	13	0	Clear	25
31.1	29.4	28.8	39.6	87	993.3	210	4	0	10	29.4	35.5	26.8		70.1	290	12	0	Haze	26
32.2	29.6	28.7	39.4	82	994.0	200	4	0	20	29.3	33.4	26.9		68.2	150	13	0	Fair	27
32.0	29.0	28.3	38.5	82	992.7	210	5	0	6	29.3	33.8	27.6		69.0	120	17	0	Haze	28
32.2	29.0	27.9	37.5	78	992.5	220	3	0	6	29.9	34.3	28.5		69.1	120	15	0	"	29
32.6	25.5	22.3	27.0	55	993.6	280	28	2	6	28.8	38.2	28.7		68.9	290	28	0	"	30
																			31
31.9	27.2	25.2	32.5	69	998.0	–	5	0	11	29.4	35.4	26.4		69.8					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

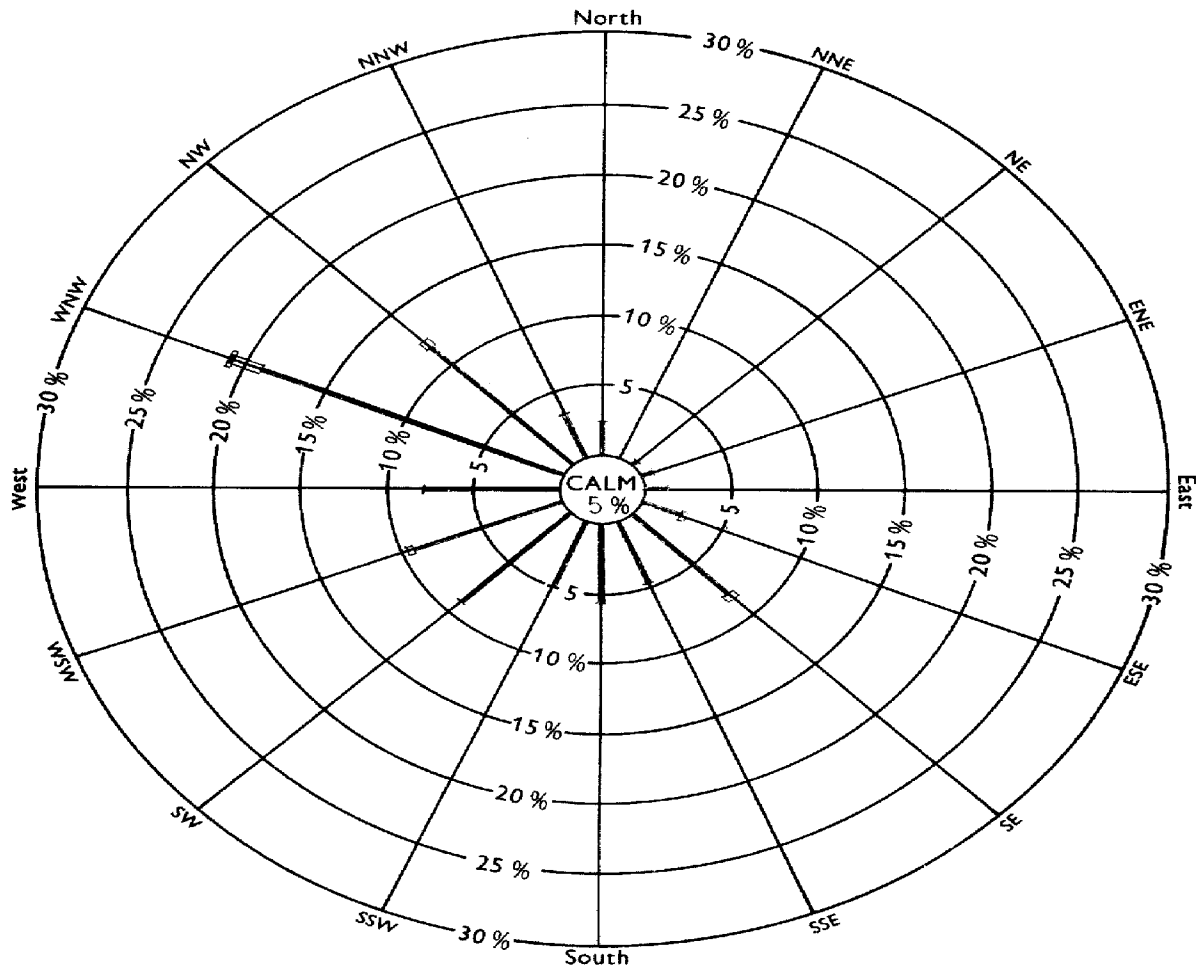
Met. Form 3b

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



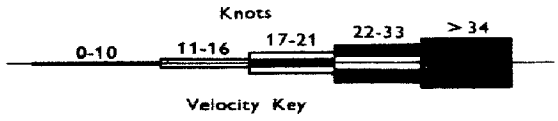
Met. Form 4

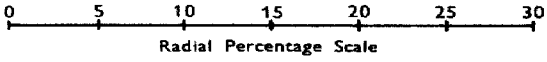
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : June	Year : 1964
		Station : Sheikh Shu'aib	
Ground Level : 2 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 26°48' N.	Long : 53°22' E.



Hours in month 720

Hours recorded 720





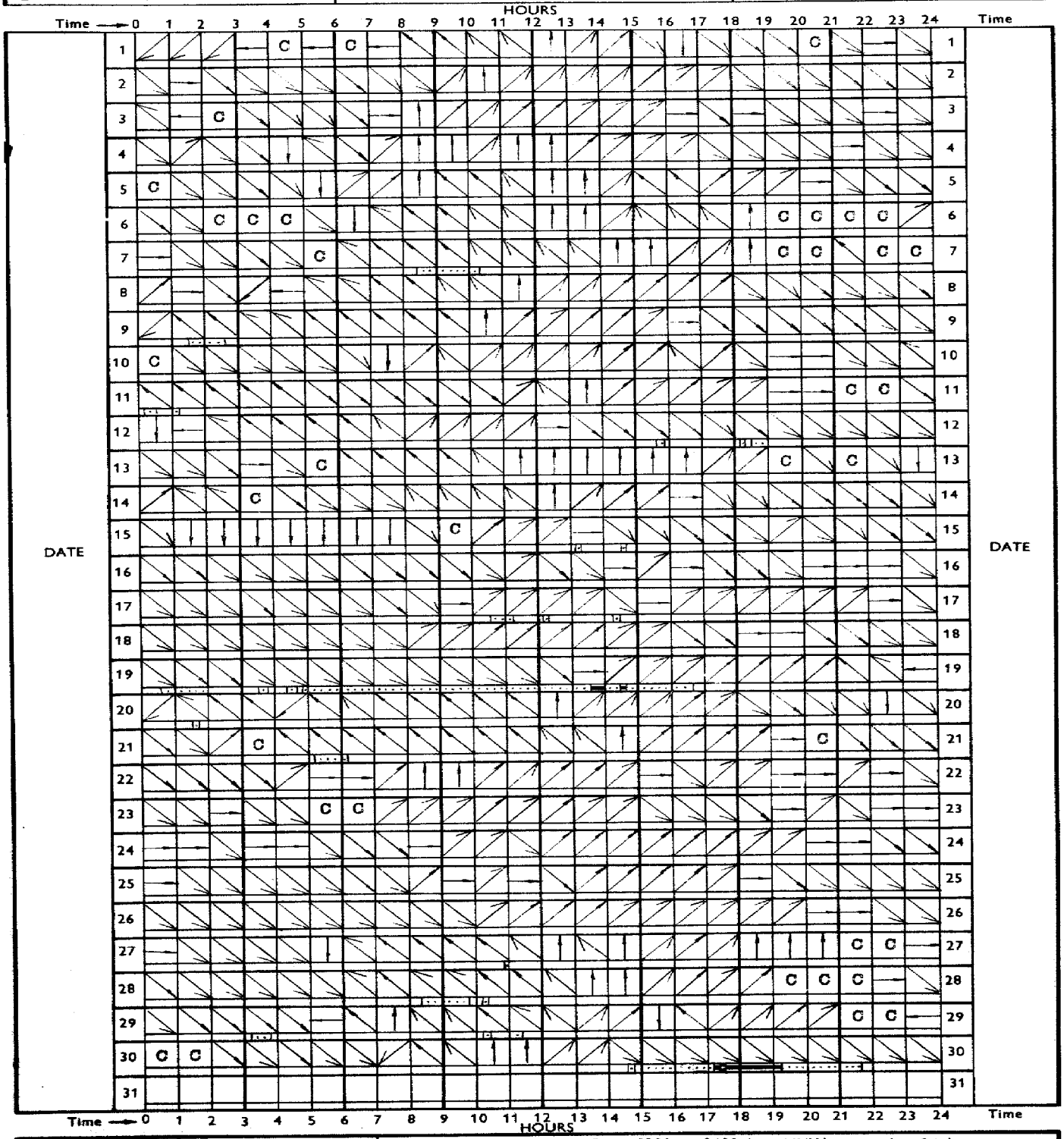
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 :

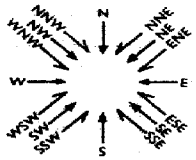
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : June	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



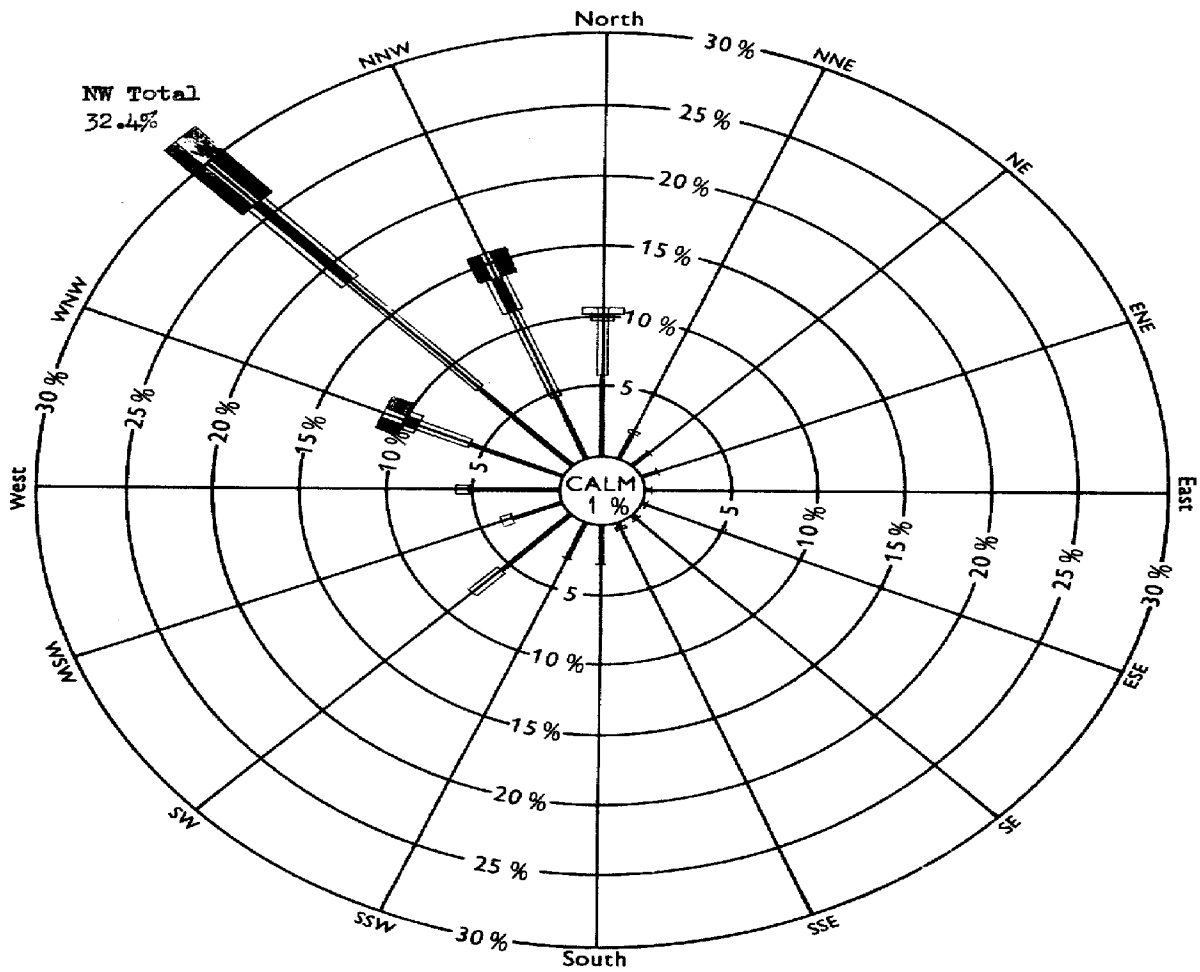
Example : From 0300 to 0400 hrs, NNW, more than 34 knots average, with a peak velocity of 40 knots (Figures in the direction box indicate maximum velocity over 34 knots)

Remarks :

246.

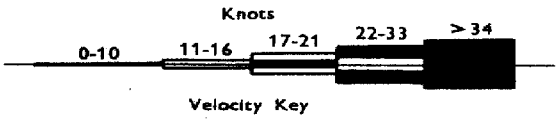
Met. Form 6

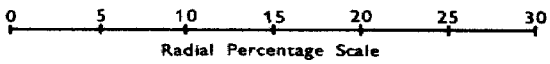
IRANIAN OIL OPERATING COMPANIES	WIND ROSE Compiled from Wind Records Summary	Month : June	Year : 1964
		Station : Khor Musa	
Ground Level : 6 m. AMSL	Local Time : GMT + 3½ hrs.	Lat : 30°00' N.	Long : 49°02' E.



Hours in month 720

Hours recorded 631





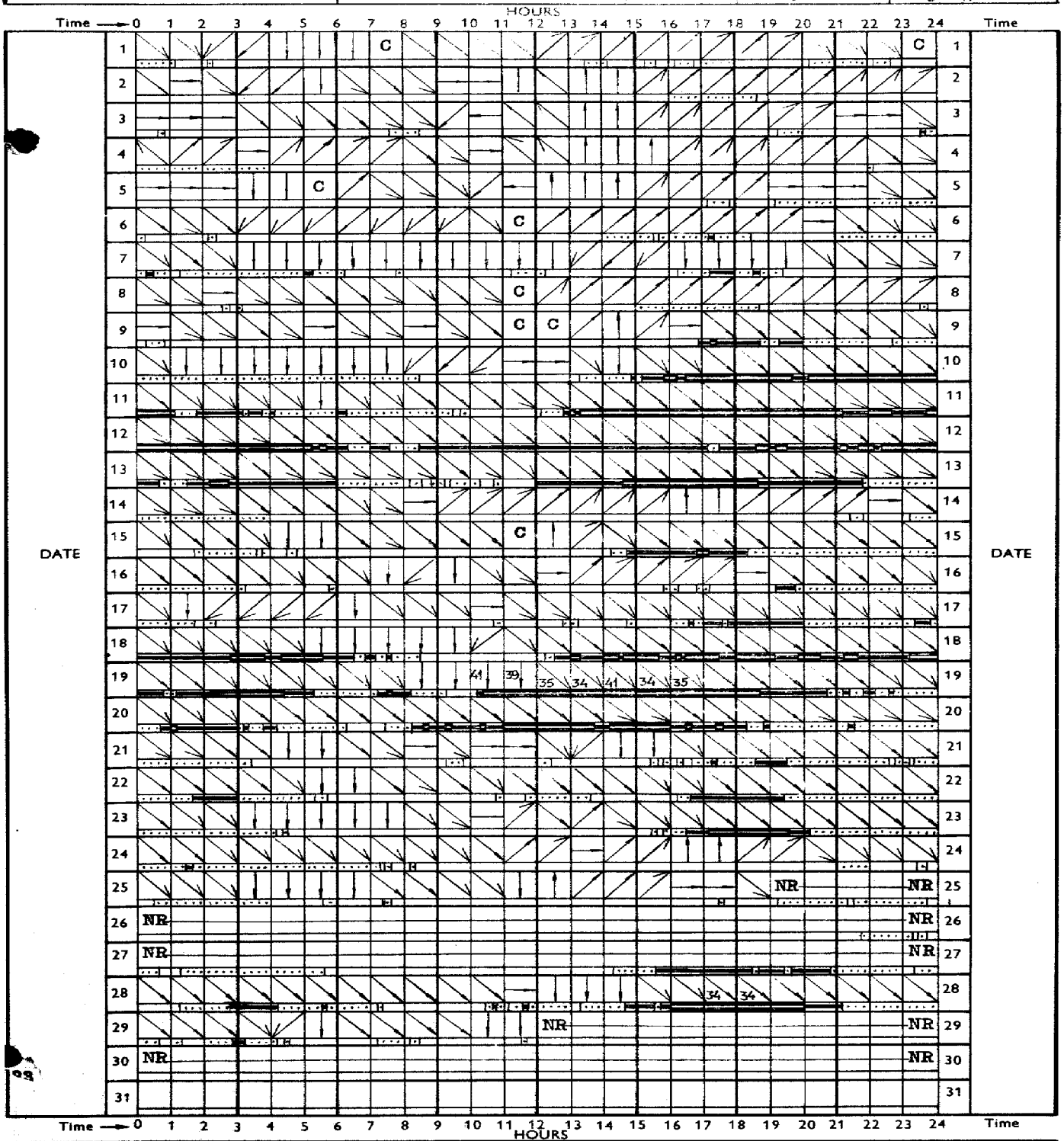
Notes : 1. Total hours recorded for each direction/velocity range are expressed as a percentage of total hours actually recorded for month.

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 59.6% of all observations.

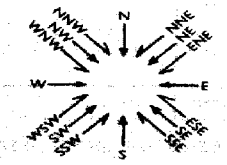
Met. Form 5

IRANIAN OIL OPERATING COMPANIES	SUMMARY WIND RECORDS DINES ANEMOGRAPH	Month : June	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 :

248.

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	1004.5	1003.9	1003.4	1005.6	1005.6	1003.8	1003.0	1002.1	1001.4	1005.5	1005.4	1003.5
2	1004.4	1004.7	1003.9	1006.3	1006.5	1004.1	1004.5	1002.9	1002.4	1005.5	1006.2	1003.7
3	1005.2	1004.7	1002.6	1006.6	1006.8	1003.5	1004.4	1003.7	1002.8	1005.7	1006.1	1003.3
4	1004.8	1004.0	1003.9	1006.2	1006.0	1003.0	1004.3	1002.4	1001.5	1005.4	1005.4	1002.7
5	1003.7	1003.6	1001.3	1005.2	1004.7	1001.6	1002.0	1001.2	999.2	1002.5*	1004.2*	1002.4
6	1001.8	1001.2	997.9	1003.6	1001.9	999.5	1000.6	998.4	996.6	1002.7	1002.2	999.4
7	1000.6	1000.6	998.7	1001.4	1001.4	999.6	998.4	997.2	996.2	1001.5	1001.2	999.2
8	999.6	1000.3	997.8	1001.8	1001.0	999.1	998.6	996.6	995.7	1000.6	999.9	998.6
9	998.8	999.9	999.4	1001.4	1002.1	1000.4	998.1	998.1	997.5	1000.5	1001.3	1000.4
10	1002.4	1002.2	1000.3	1004.2	1003.1	1001.9	1000.6	999.0	998.0	1003.4	1003.9	1001.5
11	1001.3	1000.3	998.8	1003.3	1002.7	999.8	1000.0	998.4	997.8	1002.8	1001.8	1000.1
12	999.0	997.3	995.6	1000.9	999.6	996.8	997.6	996.0	994.8	999.7*	998.7*	996.2
13	996.6	997.2	996.2	998.4	999.3	997.3	995.6	995.1	995.8	996.6	998.0	996.7
14	998.3	998.6	998.2	1000.2	1000.6	999.3	997.1	997.1	997.2	998.8	999.9	998.5
15	998.5	1000.0	997.6	1001.4	1001.5	998.8	999.0	997.6	997.0	1000.2	1000.4	999.0
16	999.4	998.7	997.8	1000.2	999.3	997.9	997.7	996.0	996.5	999.6	1000.1	998.3
17	999.4	999.1	998.2	999.6	999.2	998.7	997.2	996.1	995.5	999.6	1000.4	999.2
18	1000.0	999.8	999.3	1001.3	1001.7	999.5	996.5	996.3	996.2	1001.1	1001.0	998.8
19	998.7	998.9	997.8	1000.7	1000.5	999.3	997.4	995.5	995.4	1000.1*	1000.2*	999.2
20	997.6	997.7	996.1	999.9	999.2	997.1	996.1	995.0	994.1	998.9	998.7	996.6
21	997.4	997.0	996.5	999.6	999.7	997.5	996.6	995.9	995.6	998.4	998.8	997.0
22	996.8	996.9	995.4	998.8	998.5	996.6	997.5	995.1	994.7	998.0	997.7	996.1
23	997.2	996.0	995.4	998.2	998.1	996.0	995.4	994.7	994.2	997.5	997.5	995.9
24	995.5	995.8	994.7	997.0	997.4	995.6	994.3	994.2	993.4	996.2	996.9	994.9
25	995.5	995.5	995.1	996.7	997.6	995.5	994.4	994.1	993.1	995.9	996.9	995.5
26	995.7	994.4	993.0	996.5	996.2	993.9	994.2	992.8	991.5	996.0*	995.6*	993.7
27	995.0	995.2	994.2	996.7	997.3	996.1	993.3	991.9	993.3	995.8	996.7	995.2
28	996.0	995.0	992.3	997.2	996.3	995.1	993.5	992.2	991.5	996.6	996.4	994.3
29	995.3	995.7	993.9	996.0	996.7	995.5	993.4	991.6	991.4	995.8	996.2	995.3
30	995.4	995.2	993.6	997.7	997.1	995.3	994.1	992.7	992.2	996.7	996.2	994.8
31												
Av.	999.1	999.0	997.6	1000.9	1000.6	998.6	997.8	996.7	996.1	999.9	1000.1	998.3

Date	Abadan 0630	1230	1830	Bandar Mashur 0630	1230	1830	Kharg Island 0630	1230	1830	Sheikh Shu'aib 0630	1230	1830
1	1005.7	1006.0	1004.8	1004.9	1005.1	1003.7	1004.6	1004.8	1003.8	1005.0	1006.3	1005.3
2	1005.8	1006.2	1004.4	1005.3	1005.7	1003.7	1005.5	1005.9	1003.7	1005.4	1006.1	1005.9
3	1006.2	1006.0	1004.1	1005.2	1005.8	1003.4	1005.7	1006.7	1004.1	1006.0	1007.4	1005.9
4	1005.4	1005.5	1003.2	1005.0	1005.4	1002.7	1005.4	1005.8	1003.8	1005.7	1006.9	1004.1
5	1004.8*	1003.8*	1002.4	1004.2	1003.4	1001.1	1003.8	1004.3	1001.9	1004.0	1005.3	1002.7
6	1002.9	1002.4	1000.4	1003.2	1001.3	999.1	1002.7	1001.8	999.5	1002.2	1001.9	999.8
7	1001.9	1001.5	999.8	1001.6	1001.0	999.4	1000.5	1000.5	998.7	1000.3	1000.0	998.2
8	1001.0	1000.8	998.3	1000.6	1000.4	998.4	1000.0	1000.6	998.4	999.4	999.9	997.8
9	1000.8	1002.4	1001.8	1000.2	1001.5	1000.5	1000.0	1001.7	1000.4	1000.5	1002.6	1000.4
10	1004.1	1004.4	1003.4	1003.2	1003.0	1001.3	1003.0	1002.8	1000.6	1000.9	1001.3	999.7
11	1003.6	1003.8	1002.7	1002.5	1002.1	999.9	1001.5	1002.5	1000.1	1000.9	1001.0	998.9
12	1001.0*	1000.0*	998.1	1000.1	998.5	996.6	1000.4	1000.3	997.1	999.2	999.5	997.2
13	998.3	999.5	998.9	997.7	998.5	997.1	998.4	999.5	997.6	998.7	999.7	999.0
14	999.8	1000.6	999.1	999.2	1000.1	998.8	999.7	1000.7	999.5	1000.6	1000.6	1000.0
15	1000.8	1001.8	1000.1	1000.4	1000.4	998.8	1000.7	1001.2	999.1	1000.9	1000.8	999.8
16	999.3	1000.2	999.1	999.2	999.4	997.8	999.4	999.5	998.4	1000.2	1000.1	998.6
17	1000.0	1001.1	999.2	999.0	999.3	998.2	998.6	999.9	997.8	999.7	1000.1	998.9
18	1001.8	1002.3	1001.0	1000.8	1000.9	999.2	999.4	1000.3	998.9	998.6	998.9	996.9
19	1001.3*	1001.5*	1000.6	1000.1	999.5	998.8*	1000.1	999.7	998.2	997.5	997.2	995.9
20	1000.3	1000.6	998.9	999.1	998.6	997.4	998.5	999.1	997.0	997.6	998.8	997.4
21	999.7	999.6	998.4	999.4	998.9	996.9	998.6	999.5	997.7	998.6	999.4	998.3
22	999.1	999.2	997.7	998.3	997.8	996.0	998.2	998.7	996.9	998.1	998.4	996.9
23	998.3	998.5	997.5	997.6	997.5	995.8	997.0	997.5	995.8	996.8	997.3	995.3
24	997.1	997.6	995.5	996.3	997.2	994.9	995.7	997.1	995.3	996.2	997.2	996.2
25	996.9	997.6	995.9	995.6	997.0	994.7	995.4	996.9	994.8	995.6	996.7	995.4
26	996.8*	996.4*	994.3	995.9	995.6*	993.3	995.7	995.5	994.0	995.2	995.3	993.7
27	996.8	997.8	997.0	996.2	996.9	995.8	995.6	997.0	995.6	994.8	996.1	994.4
28	997.4	997.4	996.5	996.6	996.0	995.9	996.2	996.4	994.6	994.1	994.2	993.1
29	996.9	997.8	997.1	995.7	996.4	995.5	994.8	996.1	994.5	993.4	994.0	992.9
30	998.1	998.2	996.5	996.2	996.4	995.0	997.1	997.4	995.1	994.0	995.9	994.0
31												
Av.	1000.7	1001.0	999.6	1000.0	1000.0	998.3	999.7	1000.3	998.4	999.3	1000.0	998.4

* Values obtained from barograph.

Met. form 9