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WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 1st January, 1958.

—o:O:c—

SUMMARY OF WEATHER

EAST PAKISTAN : Dry weather prevailed over East Pakistan throughout the month and night temperatures remained practically normal.

WEST PAKISTAN : A western disturbance moving slowly across the extreme north of the region caused scattered light rain or snowfall in Peshawar division between the 27th and the 30th.

Two western disturbances moved thereafter in close succession during the last two days of week, the first from Kalat division to Lahore division and the adjoining areas, and the other from Southeast Iran to Quetta and adjoining D.I. Khan division. They caused scattered thundershowers in South Kalat division on the 31st and widespread rainfall in Quetta division and local or scattered in Kalat and Khairpur divisions on the next day.

Chief amounts of rainfall were : $\frac{1}{2}$ " at Drosh on the 30th ; Jiwani on the 31st; Hindubagh, Loralai and Harnai on the 1st.

Night temperatures were appreciably below normal over Hyderabad division on the first two days of the week. They were markedly above normal over the western half of the region on the 29th, practically over the whole of the region during the subsequent two days and over the region outside Quetta and Kalat divisions and the Federal Capital Area on the last day of the week.

2. **CHITTAGONG DIVISION :** Weather remained dry.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Weather remained dry.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Weather remained dry.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on three days.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Rainfall was nearly general on one day.

KALAT (NORTH) DIVISION : Local rain fell on one day.

KALAT (SOUTH) DIVISION : Rainfall was scattered on one day.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISIONS : Weather remained dry.

KHAIRPUR DIVISION : Scattered rain fell on one day.

JUNAGADH : Data not available.

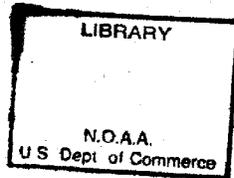
3. Based on the data of stations having normals the week's rainfall was in large excess in Quetta and Khairpur divisions and in excess in Kalat (north) division.

Rainfall for the period from 1st November, 1957 to date was in large excess over West Pakistan outside Bahawalpur and D.I. Khan divisions where it was in moderate excess and Khairpur division where it was normal. It was scanty in Dacca and Chittagong divisions while no rainfall was reported from Rajshahi division.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

KARACHI-11. }
The 1st January, 1958. }

S. N. NAQVI
Director, Meteorological Service.



National Oceanic and Atmospheric Administration
Climate Database Modernization Program

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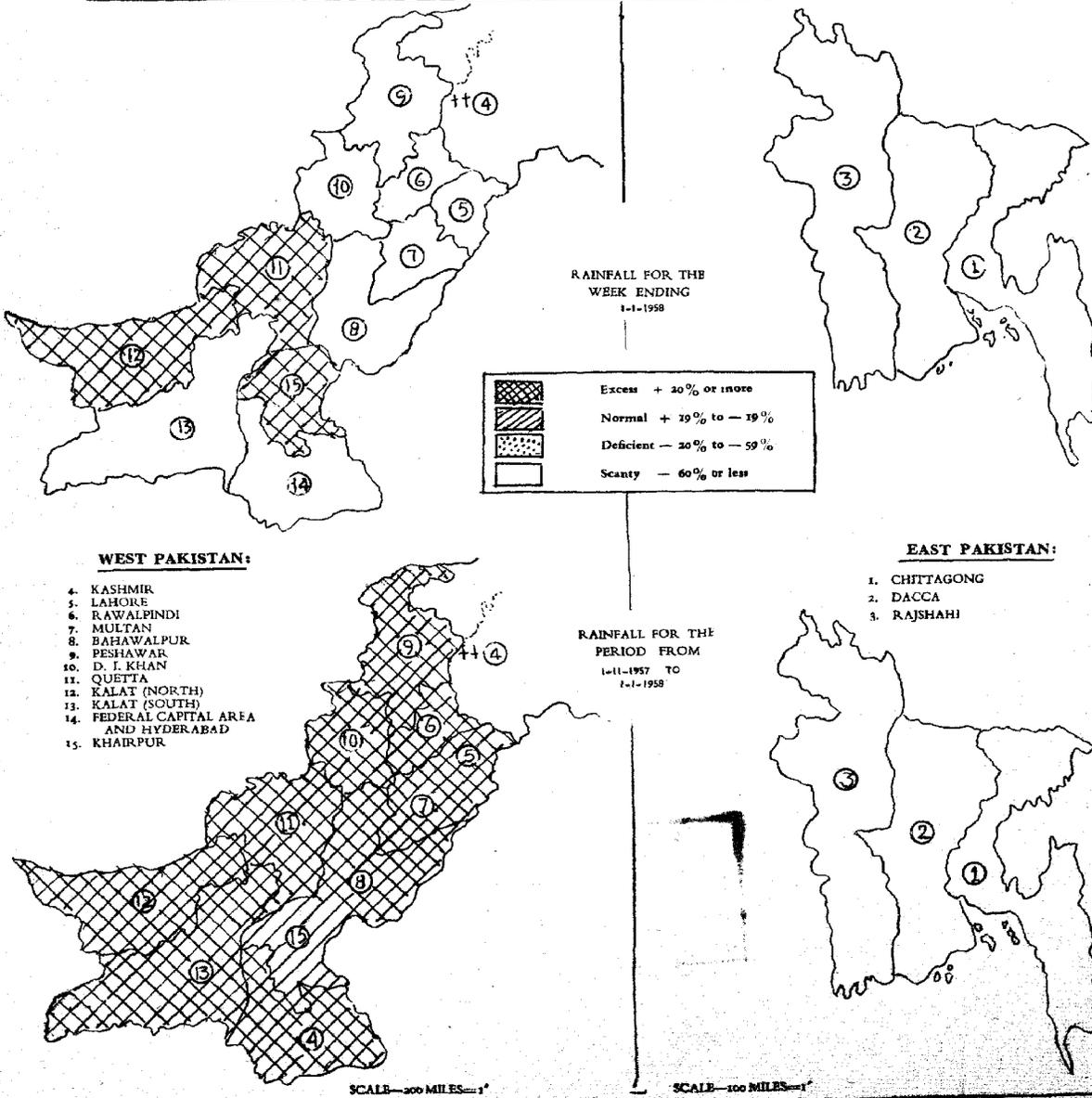
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March 28, 2002

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 1st January, 1958.			Rainfall for period from 1st November, 1957 to 1st January, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0	0	0	0.2	-0.2	- 94
2. Dacca	0	0	0	0	1.3	-1.3	- 99
3. Rajshahi	0	0	0	0	0.9	-0.9	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	-0.2	2.5	0.7	+1.8	+ 236
6. Rawalpindi	0	0.3	-0.3	5.7	1.6	+4.2	+ 267
7. Multan	0	0.1	-0.1	2.7	0.3	+2.3	+ 712
8. Bahawalpur	0	0	0	0.3	0.2	+0.1	+ 52
9. Peshawar	0	0.4	-0.4	4.4	1.5	+2.9	+ 193
10. D. I. Khan	0	0.2	-0.2	0.7	0.6	+0.1	+ 23
11. Quetta	0.4	0.2	+0.2	5.7	1.1	+4.5	+ 393
12. Kalat (North)	0.3	0.2	+0.1	1.9	1.0	+1.0	+ 99
13. Kalat (South)	0	0.3	-0.3	3.1	0.9	+2.2	+ 264
14. F. C. A. & H'Bad.	0	0.1	-0.1	0.5	0.3	+0.2	+ 73
15. Khairpur	0.1	0	+0.1	0.2	0.2	0	- 9
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 15th January, 1958.

—o:O:c—

SUMMARY OF WEATHER

EAST PAKISTAN : Dry weather prevailed over the region throughout the week.

Night temperatures were appreciably above normal.

WEST PAKISTAN : Two western disturbances moved northeastwards in close succession during the first three days of the week, the first across the extreme north of the region, and the second across Kalat and D.I. Khan divisions. They caused widespread rain in North Kalat division and scattered light rain or drizzle in Rawalpindi, Quetta and South Kalat divisions on the 10th and local in North Kalat and Quetta divisions and scattered in Multan divisions on the following day.

Weather remained dry during the rest of the week except for the last two days when scattered rain or snowfall was reported from Peshawar and Rawalpindi divisions and isolated thunderstorm from Lahore division due to the passage of another western disturbance across the north of the region.

Chief amounts of rainfall recorded were : Dalbandin and Panjgur $\frac{1}{4}$ " each on the 10th and Quetta $\frac{1}{2}$ " on the 11th.

Night temperatures were markedly above normal over the region except on the last day of the week when they were so only over Multan, Bahawalpur, Khairpur and Lahore divisions.

2. **CHITTAGONG DIVISION :** Weather remained dry.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Weather remained dry.

KASHMIR : Data not available.

RAWALPINDI DIVISION : Scattered rain fell over the hills on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on one day.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Local and scattered rain fell on one day each.

KALAT (NORTH) DIVISION : Rainfall was nearly general on one day and local on another day.

KALAT (SOUTH) DIVISION : Scattered rain fell on one day.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISIONS : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. The week's rainfall was in large excess in Kalat (North) division, deficient in Quetta division and scanty in Rawalpindi and Multan divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Lahore, Rawalpindi, Multan, Peshawar, Quetta and Kalat divisions, in excess in Bahawalpur division, normal in D.I. Khan and Hyderabad divisions and the Federal Capital Area, deficient in Khairpur division and scanty in Chittagong and Dacca divisions. No rain fell in Rajshahi division.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

KARACHI-11.

The 15th January, 1958

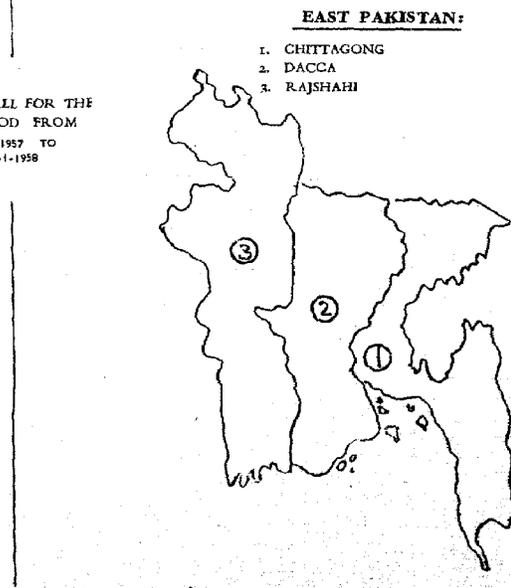
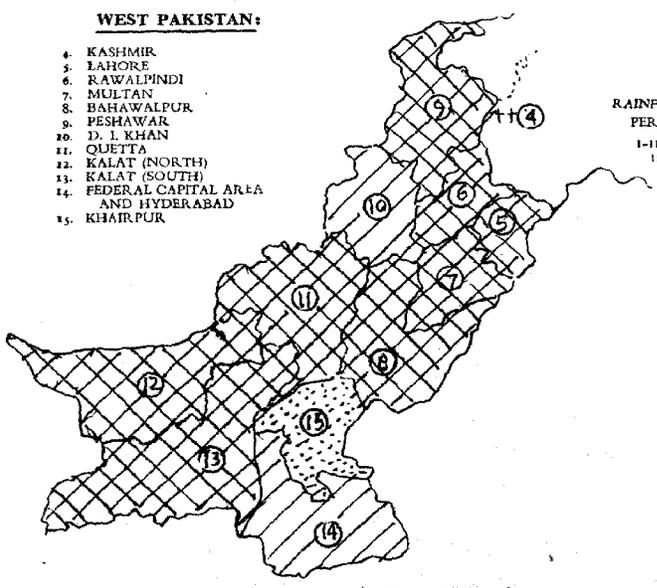
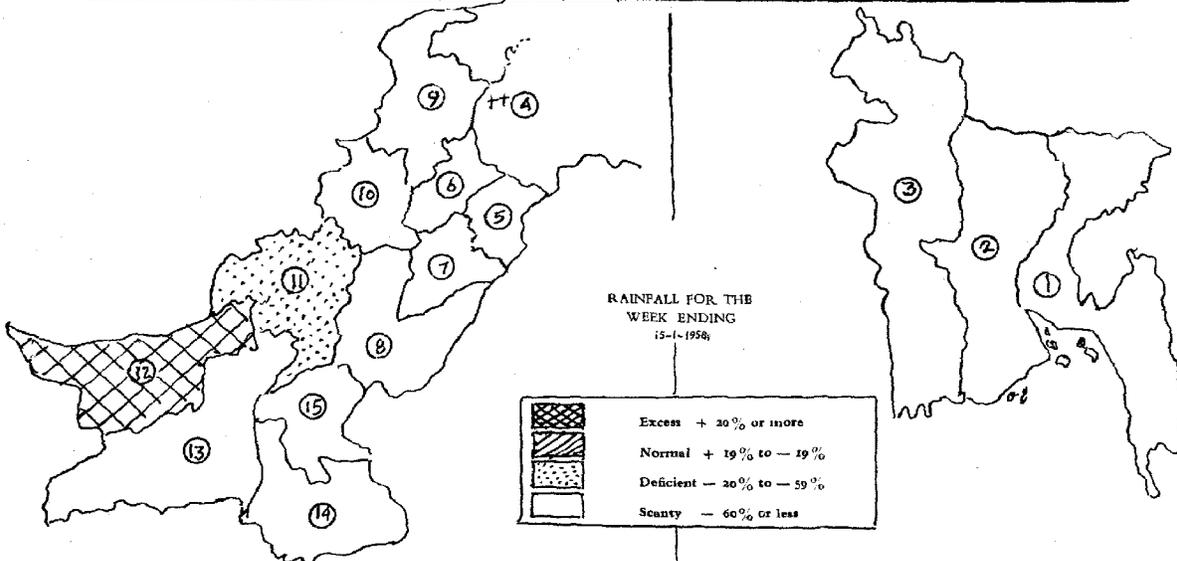
S. N. NAQVI.
Director, Meteorological Service.



WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 15th January, 1958.			Rainfall for period from 1st November, 1957 to 15th January, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0	0	0	0.2	- 0.2	- 96
2. Dacca	0	0	0	0	1.3	- 1.3	- 99
3. Rajshahi	0	0.1	- 0.1	0	0.9	- 0.9	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	- 0.3	2.5	1.3	+ 1.3	+ 98
6. Rawalpindi	0.1	0.4	- 0.4	5.8	2.4	+ 3.4	+ 142
7. Multan	0	0.1	- 0.1	2.7	0.5	+ 2.2	+ 498
8. Bahawalpur	0	0	0	0.3	0.2	+ 0.1	+ 52
9. Peshawar	0	0.4	- 0.4	4.5	2.1	+ 2.4	+ 112
10. D. I. Khan	0	0.1	- 0.1	0.8	0.8	0	+ 3
11. Quetta	0.3	0.3	- 0.1	5.9	1.7	+ 4.3	+ 255
12. Kalat (North)	0.5	0.3	+ 0.3	2.5	1.5	+ 1.0	+ 69
13. Kalat (South)	0	0.2	- 0.2	3.1	1.3	+ 1.8	+ 132
14. F. C. A. & H'Bad.	0	0	0	0.5	0.4	+ 0.1	+ 15
15. Khairpur	0	0	0	0.2	0.3	- 0.1	- 20
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.0".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 22nd January, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Except for scattered thunderstorms or showers in Chittagong division on the 16th and the 17th, the weather remained dry over East Pakistan during the week. Sylhet recorded $\frac{3}{4}$ " rain on the 16th.

Night temperatures were markedly above normal on the first two days, appreciably so on the third day and practically normal during the rest of the week.

WEST PAKISTAN : Under the influence of two western disturbances which moved in close succession during the last three days of the week, the first across Peshawar division to Kashmir, and the other across D.I. Khan division to Rawalpindi division, local rain fell in Peshawar and D.I. Khan divisions and scattered in North Kalat, Quetta and Rawalpindi divisions between the 20th and the 22nd.

Chief amounts of rainfall recorded during the week were Chaman $\frac{3}{4}$ "; Landikotal and Nushki $\frac{1}{4}$ " each, on the 21st and Drosh 1" and Kakul $\frac{1}{2}$ " on the 22nd.

Night temperatures were generally markedly above normal over the southern parts on the 18th and the 19th, practically over the whole region on the 20th and the region outside Quetta, Peshawar and Rawalpindi divisions on the 21st. They were appreciably below normal in Peshawar division on the 22nd.

2. **CHITTAGONG DIVISION :** Scattered rain fell on one day.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Weather remained dry.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Scattered rain fell on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was local on two days.

D. I. KHAN DIVISION : Local rain fell on one day.

QUETTA DIVISION : Scattered rain fell on one day.

KALAT (NORTH) DIVISION : Scattered rain fell on two days.

KALAT (SOUTH) DIVISION : Weather remained dry.

HYDERABAD DIVISION AND FEDERAL CAPITAL AREA KARACHI : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on data of stations having normals the week's rainfall was normal in Peshawar and Quetta divisions, deficient in Kalat (North) division and scanty in Chittagong and Rawalpindi divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Rawalpindi, Multan, Peshawar, Quetta and Kalat (South) divisions, in excess in Lahore and Kalat (North) divisions normal in Bahawalpur, D.I. Khan and Hyderabad divisions and the Federal Capital Area, deficient in Khairpur division and scanty elsewhere over the country. No rain was reported from Rajshahi division.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

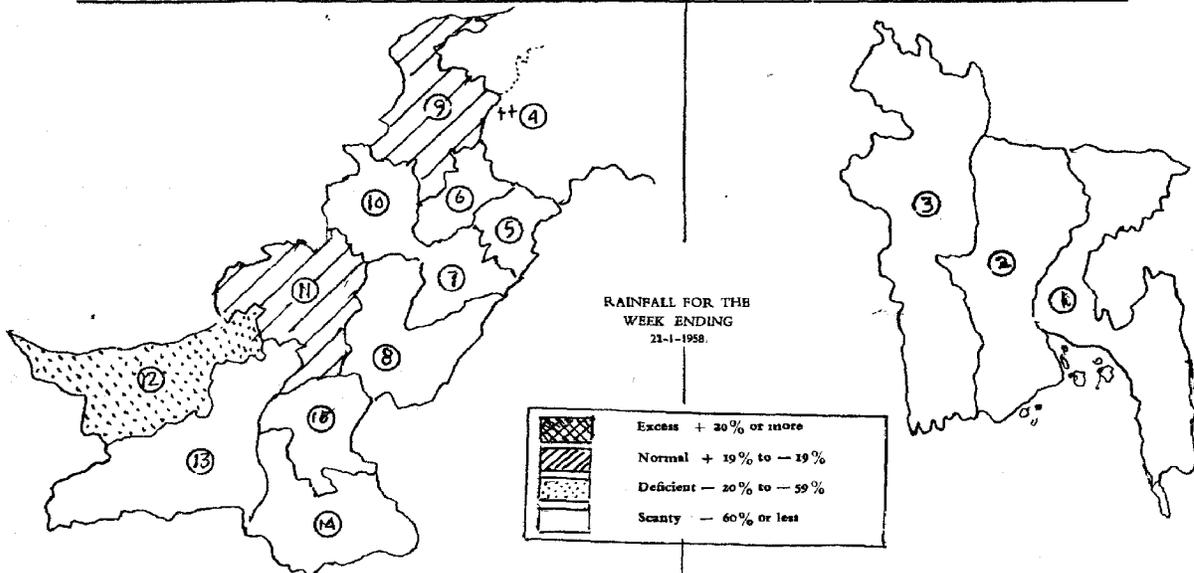
KARACHI-11. }
The 22nd January, 1958. }

S. N. NAQVI
Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 22nd January, 1958.			Rainfall for period from 1st November, 1957 to 22nd January, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.1	0	0	0.3	-0.3	- 93
2. Dacca	0	0.1	-0.1	0	1.4	-1.4	- 99
3. Rajshahi	0	0.1	-0.1	0	1.0	-1.0	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.4	-0.4	2.5	1.7	+0.8	+ 48
6. Rawalpindi	0.1	0.5	-0.5	5.9	2.9	+2.9	+ 99
7. Multan	0	0.1	-0.1	2.7	0.6	+2.1	+ 364
8. Bahawalpur	0	0.1	-0.1	0.3	0.3	0	+ 9
9. Peshawar	0.4	0.4	-0.1	4.9	2.6	+2.3	+ 89
10. D. I. Khan	0	0.2	-0.2	0.8	1.0	-0.2	- 18
11. Quetta	0.2	0.3	-0.1	6.2	2.0	+4.2	+ 215
12. Kalat (North)	0.1	0.3	-0.1	2.6	1.7	+0.9	+ 52
13. Kalat (South)	0	0.5	-0.5	3.1	1.8	+1.3	+ 74
14. F. C. A. & H'Bad.	0	0.1	-0.1	0.5	0.5	0	- 2
15. Khairpur	0	0.1	-0.1	0.2	0.3	-0.1	- 39
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEST PAKISTAN:

- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

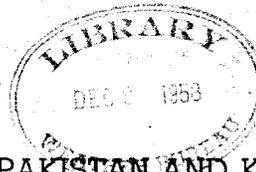
EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI

RAINFALL FOR THE
PERIOD FROM
1-11-1957 TO
22-1-1958

SCALE—200 MILES—1"

SCALE—100 MILES—1"



Regd. No. S-1451.

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 29th January, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Dry weather prevailed over East Pakistan during the week except on the last day when isolated light rain fell in Rajshahi division under the influence of a westerly low pressure wave approaching the region.

Night temperatures were markedly above normal in Dacca division on the 26th and over the whole region between the 27th and the 29th.

WEST PAKISTAN : A western disturbance moved from the Gulf of Oman to Rajasthan between the 23rd and the 25th and caused fairly widespread rain with locally moderate to heavy falls in Quetta and Kalat divisions, local in Hyderabad division and the Federal Capital Area and scattered in Khairpur division during the last two days.

Three western disturbances moved, thereafter, in close successions, the first across Peshawar and D.I. Khan divisions and the other two across the north of the region. They caused local rain in Peshawar division and scattered in North Kalat, Quetta, D.I. Khan, Lahore and Rawalpindi divisions between the 26th and the 28th, scattered light rain or drizzle only in Multan and Rawalpindi divisions on the 29th and a few snow falls over the latter during the same period.

Chief amounts of rainfall recorded during the week were : Jiwani 4", Pasni 2" and Panjgur and Ormara 1" each on the 24th and Chakdara 2" and Drosh ½" on the 27th.

Night temperatures were considerably above normal in north Kalat, Quetta, Bahawalpur and Khairpur divisions on the 24th, markedly so mainly over the northern parts of the region between the 25th and the 28th and appreciably so in Lahore, Multan and Bahawalpur divisions on the 29th.

2. **CHITTAGONG DIVISION :** Weather remained dry.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Weather remained dry.

KASHMIR : Data not available.

LAHORE DIVISION : Scattered rain fell on one day.

RAWALPINDI DIVISION : Rainfall was scattered on four days.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Local rain fell on three days.

D. I. KHAN DIVISION : Scattered rain fell on one day.

QUETTA DIVISION : Rainfall was nearly general on one day and scattered on another day.

KALAT (NORTH) DIVISION : Rainfall was nearly general on one day, local on another and scattered on a third day.

KALAT (SOUTH) DIVISION : Nearly general and scattered rain fell on one day each.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISION : Local rain fell on one day.

KHAIRPUR DIVISION : Rainfall was scattered on one day.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Kalat division, normal in Hyderabad division and the Federal Capital Area, deficient in Lahore, Rawalpindi, Peshawar and Quetta divisions and scanty in Rajshahi and Multan divisions. No rain fell elsewhere over the country.

Rainfall for the period 1st November, 1957 to date was in large excess in Rawalpindi, Multan, Peshawar, Quetta and Kalat (South) divisions, in excess in Lahore and Kalat (North) divisions, normal in Bahawalpur and Hyderabad divisions and the Federal Capital Area, deficient in D.I. Khan division and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

KARACHI-11. }
The 29th January, 1958. }

S. N. NAQVI
Director, Meteorological Service.

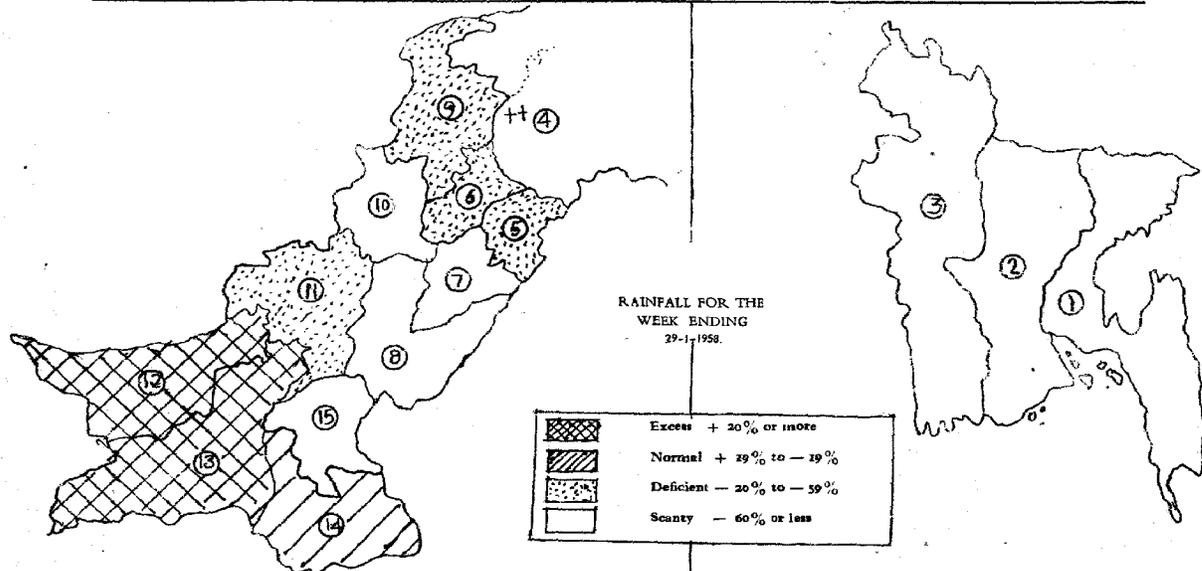
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 29th January, 1958.			Rainfall for period from 1st November, 1957 to 29th January, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.1	— 0.1	0	0.4	— 0.4	— 95
2. Dacca	0	0.2	— 0.2	0	1.6	— 1.6	— 99
3. Rajshahi	0	0.2	— 0.2	0	1.2	— 1.2	— 99
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.2	0.4	— 0.2	2.7	2.1	+ 0.6	+ 27
6. Rawalpindi	0.3	0.7	— 0.4	6.1	3.6	+ 2.5	+ 69
7. Multan	0	0.1	— 0.1	2.7	0.7	+ 2.0	+ 296
8. Bahawalpur	0	0.1	— 0.1	0.3	0.4	— 0.1	— 15
9. Peshawar	0.4	0.6	— 0.2	5.2	3.1	+ 2.1	+ 66
10. D. I. Khan	0	0.2	— 0.2	0.8	1.1	— 0.3	— 30
11. Quetta	0.2	0.4	— 0.2	6.4	2.3	+ 4.0	+ 173
12. Kalat (North)	0.4	0.3	+ 0.2	3.0	2.0	+ 1.1	+ 54
13. Kalat (South)	1.8	0.5	+ 1.3	4.9	2.3	+ 2.6	+ 117
14. F. C. A. & H ^o Bad.	0.1	0.1	0	0.5	0.5	0	— 4
15. Khairpur	0	0.1	— 0.1	0	0.4	— 0.4	— 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".

† Rainfall of stations having no normals is not included.

†† Data not available.



WEST PAKISTAN:

- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDRABAD
- 15. KHAIRPUR

EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI

RAINFALL FOR THE PERIOD FROM
1-11-1957 TO
29-1-1958

SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 5th February, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's low pressure wave moved away across the northern parts of the region on the first day of the week after causing local rain in Dacca division and scattered in Rajshahi and Chittagong divisions. Weather remained dry thereafter.

Chief amounts of rainfall recorded were: Sathkira $\frac{1}{4}$ " and Jessore $\frac{1}{4}$ " on the 30th.

Night temperatures were markedly above normal over the southern districts on the 30th, appreciably so over the region on the 31st and the 1st and practically normal thereafter.

WEST PAKISTAN : Two western disturbances moved in close succession between the 31st and the 2nd, the first across Russian Turkistan and the other across D.I. Khan division. They caused scattered rain in Peshawar division on the 1st and local rain in north Kalat division and scattered rain or snowfall in Quetta, Rawalpindi and D.I. Khan divisions on the 2nd.

An active western disturbance moved thereafter across Russian Turkistan with its associated trough moving across the northern parts of the region during the last two days of the week. It caused fairly widespread rain in Peshawar division, local in D.I. Khan division and scattered in Multan and Rawalpindi divisions during the same period and a few falls of snow in Rawalpindi division and thunderstorms in Lahore division on the 5th.

The chief amounts of rainfall recorded during the week were: Drosh and Parachinar $\frac{1}{4}$ " each on the 2nd and Cherat $\frac{1}{4}$ " on the 4th.

Night temperatures were markedly above normal in Lahore, Multan, Bahawalpur and north Kalat divisions on the 30th and the 31st and practically over the whole region during the rest of the week. They were considerably above normal in north Kalat division on the 1st.

2. **CHITTAGONG DIVISION :** Scattered rain fell on one day.

DACCA DIVISION : Rainfall was local on one day.

RAJSHAHI DIVISION : Rainfall was scattered on one day.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Scattered rain fell on two days.

MULTAN DIVISION : Scattered rain fell on one day.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was nearly general and local on one day each and scattered on two days.

D. I. KHAN DIVISION : Rainfall was local on one day and scattered on another day.

QUETTA DIVISION : Rainfall was scattered on one day.

KALAT (NORTH) DIVISION : Local rain fell on one day.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. The week's rainfall was in excess in Rajshahi division, deficient in Chittagong, Dacca, Rawalpindi and Peshawar divisions and scanty in Lahore, Multan, D.I. Khan, Quetta and Kalat (North) divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Multan and Quetta divisions, in excess in Rawalpindi, Peshawar and Kalat divisions, normal in Lahore division, deficient in Bahawalpur, D.I. Khan and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

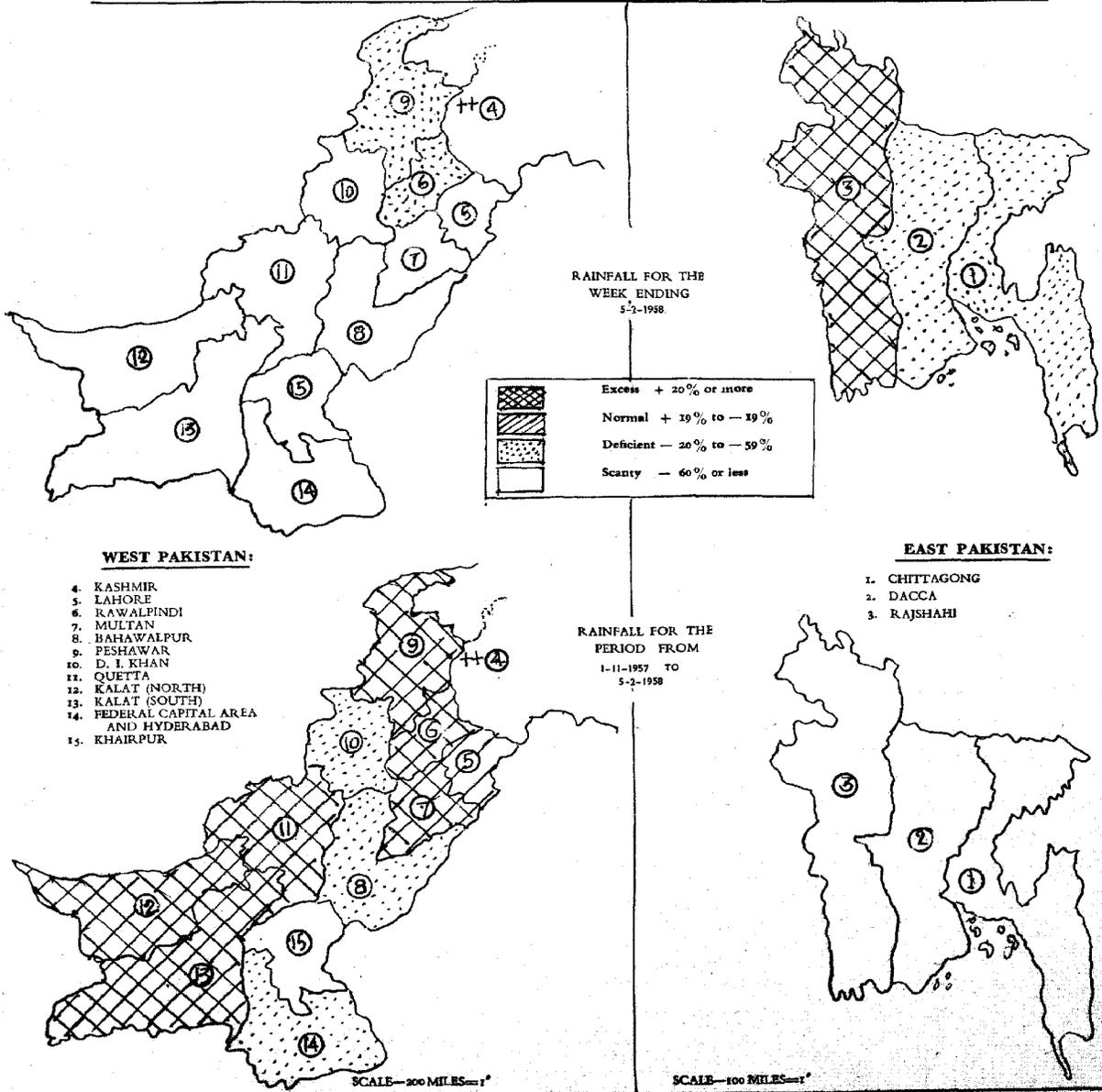
KARACHI-11. }
The 5th February, 1958. }

S. N. NAQVI
Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 5th February, 1958.			Rainfall for period from 1st November, 1957 to 5th February, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.1	0.1	-0.1	0.1	0.5	-0.5	- 87
2. Dacca	0.1	0.1	-0.1	0.1	1.8	-1.7	- 95
3. Rajshahi	0.2	0.1	- 0	0.2	1.3	-1.1	- 86
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	-0.3	2.7	2.5	+ 0.3	+ 11
6. Rawalpindi	0.3	0.7	-0.4	6.4	4.3	+ 2.1	+ 48
7. Multan	0.1	0.1	-0.1	2.8	0.8	+ 2.0	+ 239
8. Bahawalpur	0	0.1	-0.1	0.3	0.5	-0.1	- 27
9. Peshawar	0.4	0.7	-0.2	5.7	3.8	+ 1.8	+ 48
10. D. I. Khan	0.1	0.3	-0.2	0.8	1.4	-0.6	- 41
11. Quetta	0.1	0.4	-0.3	6.5	2.8	+ 3.7	+ 134
12. Kalat (North)	0.1	0.3	-0.2	3.2	2.3	+ 0.8	+ 36
13. Kalat (South)	0	0.8	-0.8	4.9	3.1	+ 1.8	+ 58
14. F. C. A. & H ² Bad.	0	0.1	-0.1	0.5	0.7	-0.1	- 21
15. Khairpur	0	0.1	-0.1	0.2	0.5	-0.3	- 62
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 12th February, 1958.



SUMMARY OF WEATHER

EAST PAKISTAN : A westerly low pressure wave moved across the Sub-Himalayan West Bengal on the first day of the week and caused scattered thunderstorms or showers in Chittagong division on the same day.

The weather remained dry during the rest of the week.

Sylhet recorded $\frac{1}{4}$ " rain on the 6th.

Night temperatures were markedly above normal during the first three days, practically normal during the subsequent two days and markedly below normal on the last two days of the week.

WEST PAKISTAN : Last week's western disturbance over the extreme north of the region moved away after causing scattered snowfalls in the hills of Rawalpindi division on the first day of the week.

This was followed by a secondary western disturbance which moved northeastwards on the 7th across Quetta and D.I. Khan divisions, where scattered or local rain fell.

The weather over West Pakistan, otherwise, remained dry.

Chief amounts of rainfall recorded during the week were : Wana and Hindubagh $\frac{1}{4}$ " each on the 7th.

Night temperatures were markedly above normal practically over the whole region during the first two days of the week and mainly over the southern parts during the subsequent two days. They were generally markedly below normal over the northern parts of the region between the 9th and the 12th and considerably so in north Kalat division on the 10th.

2. **CHITTAGONG DIVISION :** Scattered rain fell on one day.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Weather remained dry.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Scattered snowfall occurred over the hills on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Weather remained dry.

D. I. KHAN DIVISION : Scattered rain fell on one day.

QUETTA DIVISION : Local rain fell on one day.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was scanty in Chittagong, Rawalpindi and Quetta divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Multan and Quetta divisions, in excess in Rawalpindi, Peshawar and Kalat (South) divisions, normal in Lahore and Kalat (North) divisions, deficient in Chittagong, Bahawalpur, D.I. Khan and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

KARACHI-11. }
The 12th February, 1958. }

S. N. NAQVI.
Director, Meteorological Service.

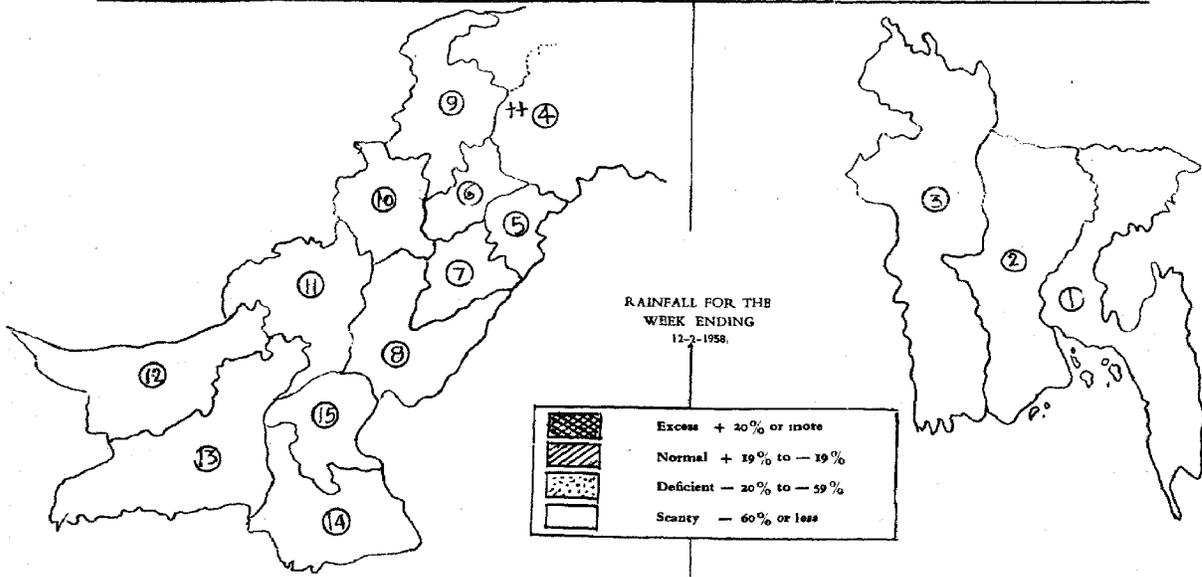
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 12th February, 1958.			Rainfall for period from 1st November, 1957 to 12th February, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.1	0.2	-0.1	0.1	0.7	-0.6	- 52
2. Dacca	0	0.2	-0.2	0.1	2.0	-1.9	- 96
3. Rajshahi	0	0.2	-0.2	0.2	1.5	-1.3	- 88
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	-0.3	2.7	2.8	0	- 1
6. Rawalpindi	0.1	0.6	-0.5	6.5	4.9	+ 1.6	+ 32
7. Multan	0	0.1	-0.1	2.8	0.9	+ 1.8	+ 193
8. Bahawalpur	0	0.1	-0.1	0.3	0.6	-0.2	- 37
9. Peshawar	0	0.7	-0.7	5.7	4.5	+ 1.2	+ 26
10. D. I. Khan	0	0.2	-0.2	0.8	1.6	-0.8	- 48
11. Quetta	0.1	0.7	-0.5	6.6	3.4	+ 3.2	+ 94
12. Kalat (North)	0	0.5	-0.5	3.2	2.8	+ 0.4	+ 14
13. Kalat (South)	0	0.3	-0.3	4.9	3.4	+ 1.5	+ 44
14. F. C. A. & H*Bad.	0	0.1	-0.1	0.5	0.7	-0.2	- 30
15. Khairpur	0	0.1	-0.1	0.2	0.6	-0.4	- 68
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".

† Rainfall of stations having no normals is not included.

†† Data not available.



WEST PAKISTAN:

- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI

RAINFALL FOR THE
PERIOD FROM
1-11-1957 TO
12-2-1958

SCALE—300 MILES—1"

SCALE—100 MILES—1"



Regd. No. S-1451.

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 19th February, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Two westerly low pressure waves moved northeastwards across West Bengal in quick succession between the 14th and the 16th and caused local rain in Dacca division and scattered elsewhere during the first two days.

The weather remained dry over the region during the rest of the week.

Chief amounts of rainfall during the week were : Faridpur $\frac{1}{4}$ " on the 14th and Narayanganj, Dacca and Faridpur $\frac{1}{4}$ " each on the 15th.

Night temperatures were appreciably above normal over the region between the 14th and the 16th and also on the 19th and appreciably below normal on the 17th.

WEST PAKISTAN : The weather remained dry over the region during the week except on the 17th and the 18th when scattered rain fell in Quetta division under the influence of two western disturbances which moved in close succession, the first across Quetta and Multan divisions and the other across the north of the region.

Hindubagh recorded $\frac{1}{4}$ " rain on the 18th.

Night temperatures were markedly below normal over the region outside coastal districts on the 12th and the 13th, appreciably so mainly over the eastern districts between the 14th and the 16th and appreciably above normal over the region outside D.I. Khan, Peshawar, Rawalpindi and Lahore divisions during the last two days of the week.

2. **CHITTAGONG DIVISION :** Scattered rain fell on one day.

DACCA DIVISION : Local rain fell on two days.

RAJSHAHI DIVISION : Rainfall was scattered on two days.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Weather remained dry.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Scattered rain fell on two days.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. The week's rainfall was deficient in Dacca division and scanty in Chittagong, Rajshahi, Rawalpindi and Quetta divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Multan and Quetta divisions, in excess in Kalat (South) division, normal in Lahore, Rawalpindi and Kalat (North) divisions, deficient in Bahawalpur, D.I. Khan and Hyderabad divisions and the Federal Capital Area and scanty in East Pakistan and Khairpur division.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

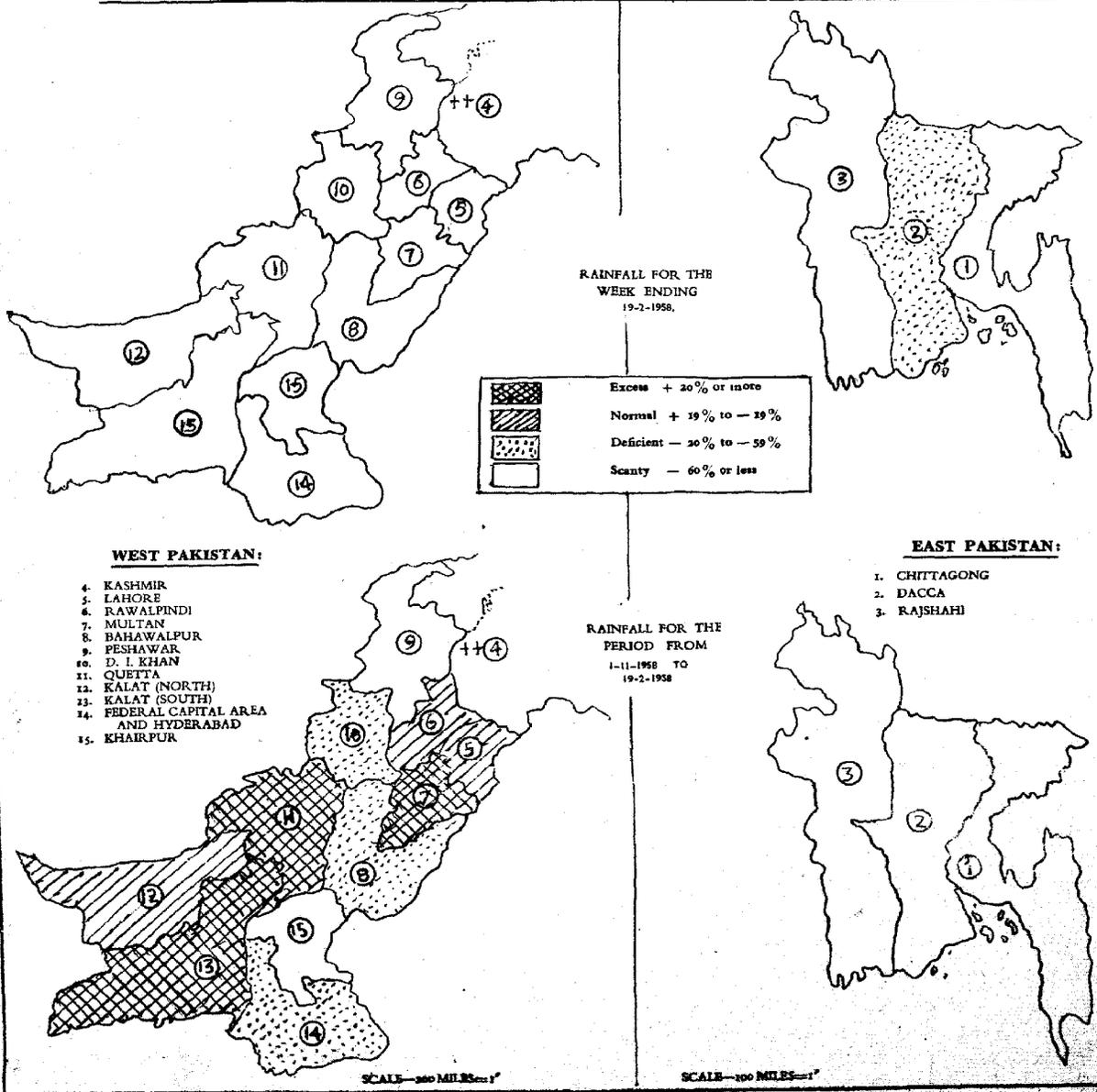
KARACHI-11. }
The 19th February, 1958. }

S. N. NAQVI,
Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 19th February, 1958.			Rainfall for period from 1st November, 1958 to 19th February, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.3	—0.3	0.2	1.1	—0.9	— 84
2. Dacca	0.2	0.3	—0.1	0.3	2.3	—2.0	— 87
3. Rajshahi	0	0.3	—0.2	0.2	1.8	—1.6	— 87
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	—0.3	2.7	3.1	—0.4	— 13
6. Rawalpindi	0	0.6	—0.6	6.5	5.5	+1.0	+ 18
7. Multan	0	0.1	—0.1	2.8	1.1	+1.7	+ 159
8. Bahawalpur	0	0.1	—0.1	0.3	0.6	—0.3	— 45
9. Peshawar	0	0.1	—0.1	5.7	4.6	+1.1	+ 24
10. D. I. Khan	0	0.3	—0.3	0.8	2.0	—1.1	— 57
11. Quetta	0.1	0.4	—0.3	6.7	3.8	+2.9	+ 75
12. Kalat (North)	0	0.2	—0.2	3.2	3.0	+0.2	+ 7
13. Kalat (South)	0	0.4	—0.4	4.9	3.8	+1.1	+ 29
14. F. C. A. & H'Bad.	0	0.1	—0.1	0.5	0.8	—0.3	— 38
15. Khairpur	0	0.1	—0.1	0.2	0.7	—0.5	— 71
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 26th February, 1958.

—o:O:c—

SUMMARY OF WEATHER

EAST PAKISTAN : The weather was unusually disturbed during the week. At first it was influenced by two westerly low pressure waves one of which had begun affecting East Pakistan on the last day of the previous week. These moved in close succession during the first four days and caused fairly widespread rain with locally moderate to heavy falls in Dacca division and local elsewhere upto the 22nd and local rain in Chittagong division on the 23rd.

Thereafter two more westerly low pressure waves moved in close succession, the first across the sub-Himalayan West Bengal and the other across East Pakistan and caused local or thundershowers in the region on the 25th and scattered in Chittagong division on the last day of the week.

Chief amounts of rainfall recorded were : Mymensingh 3", Sylhet 2", Srimangal, Narayanganj and Dacca 1½" each and Bogra 1" on the 20th and Comilla 2", Sylhet 1½" and Srimangal 1" on the 21st.

Night temperatures were markedly above normal over the region practically throughout the week.

WEST PAKISTAN : Two western disturbances moved in close succession during the last three days of the week. The first moved from Quetta division to Kashmir while the other moved from east Persian Gulf to Quetta division and induced a secondary over the North Arabian Sea on the last day. They caused light rain or drizzle in Quetta and D.I. Khan divisions on the 25th and fairly widespread rain in Quetta and north Kalat divisions with a few heavy falls over the latter, scattered in D.I. Khan and south Kalat divisions and light rain or drizzle in Peshawar, Rawalpindi and Khairpur divisions on the 26th.

Chief amounts of rainfall recorded were : Jiwani 2", Kalat 1½" and Dalbandin 1" on the 26th.

Night temperatures were appreciably below normal in Multan, D.I. Khan, Bahawalpur, Khairpur and Hyderabad divisions between the 21st and the 23rd, considerably above normal in north Kalat division and markedly so in Quetta and Khairpur divisions on the 25th and appreciably so over the region outside Hyderabad division and the Federal Capital Area on the last day.

2. **CHITTAGONG DIVISION :** Local rain fell on five days and scattered on one day.

DACCA DIVISION : Rainfall was nearly general on two days and local and scattered on one day each.

RAJSHAHI DIVISION : Rainfall was local and scattered on two days each.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Weather remained dry.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Weather remained dry.

D. I. KHAN DIVISION : Scattered rain fell on one day.

QUETTA DIVISION : Rainfall was nearly general on one day.

KALAT (NORTH) DIVISION : Rainfall was nearly general on one day.

KALAT (SOUTH) DIVISION : Scattered rain fell on one day.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals the week's rainfall was in large excess in East Pakistan and in Quetta and Kalat (North) divisions and scanty in Rawalpindi, Peshawar and Kalat (South) divisions while no rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st November, 1957 to date was in large excess in Chittagong, Multan and Quetta divisions, in excess in Kalat (North) division, normal in Dacca, Rawalpindi, Peshawar and Kalat (South) divisions, deficient in Rajshahi, Lahore, Bahawalpur and Hyderabad divisions and the Federal Capital Area and scanty in D.I. Khan and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

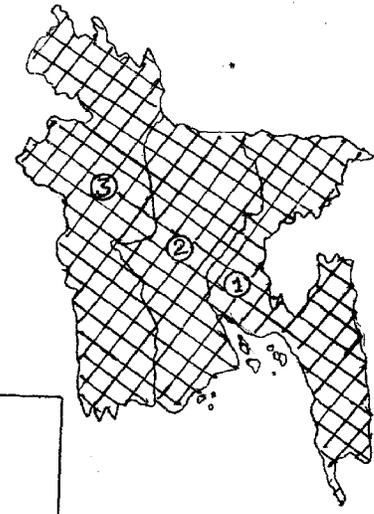
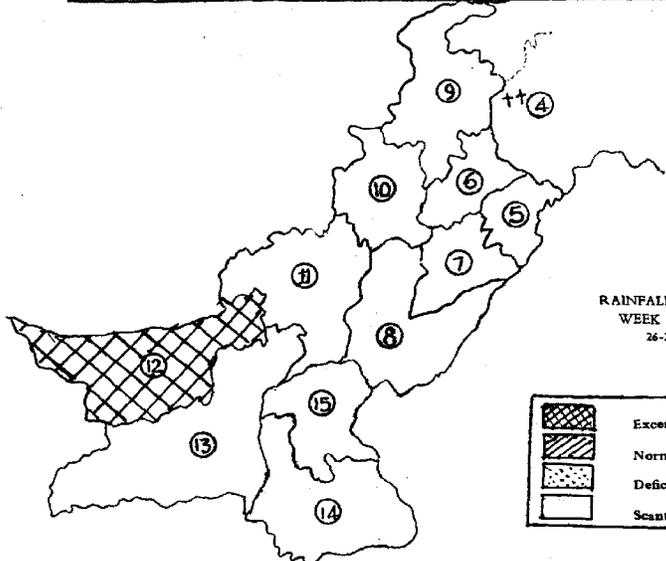
KARACHI-11. }
The 26th February, 1958. }

S. N. NAQVI.
Director, Meteorological Service.

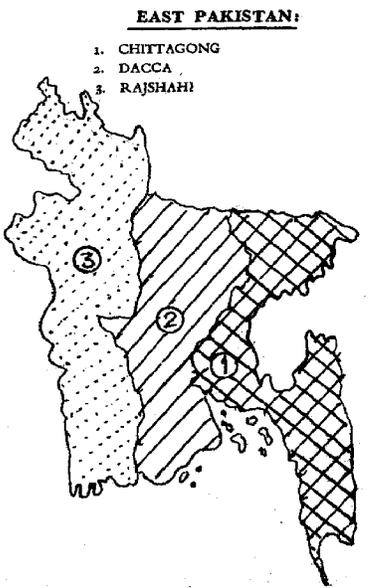
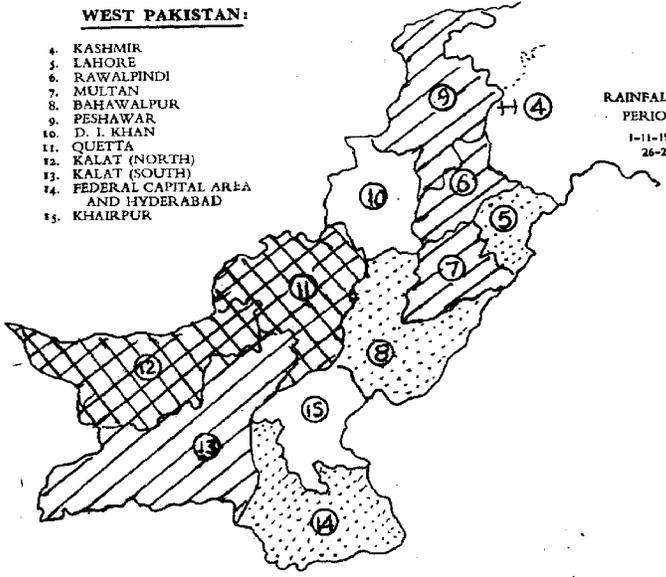
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 26th February, 1958.			Rainfall for period from 1st November, 1957 to 26th February, 1958.			
	† Actual	Normal	* Excess or defect	† Actual.	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.8	0.3	2.4	2.9	1.4	+ 1.6	+ 113
2. Dacca	1.9	0.4	1.6	2.2	2.6	- 0.4	- 16
3. Rajshahi	0.8	0.3	0.5	1.0	2.1	- 1.1	- 52
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	- 0.3	2.7	3.4	- 0.7	- 21
6. Rawalpindi	0	0.7	- 0.7	6.5	6.2	+ 0.3	+ 5
7. Multan	0	0.1	- 0.1	2.8	1.2	+ 1.6	+ 136
8. Bahawalpur	0	0.1	- 0.1	0.3	0.7	- 0.4	- 51
9. Peshawar	0	0.3	- 0.3	5.7	4.9	+ 0.8	+ 19
10. D. I. Khan	0	0.6	- 0.6	0.8	2.5	- 1.7	- 67
11. Quetta	0.4	0.3	0.2	7.1	4.1	+ 3.0	+ 74
12. Kalat (North)	1.2	0.2	1.0	4.4	3.2	+ 1.2	+ 39
13. Kalat (South)	0	0.5	- 0.5	4.9	4.3	+ 0.6	+ 15
14. F. C. A. & H ² Bad.	0	0.1	- 0.1	0.5	0.9	- 0.4	- 43
15. Khairpur	0	0.1	- 0.1	0.2	0.8	- 0.6	- 74
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



	Excess + 20% or more
	Normal + 19% to - 19%
	Deficient - 20% to - 59%
	Scanty - 60% or less



SCALE—200 MILES—1"

SCALE—100 MILES—1"



Redg. No. S-1451

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 5th March, 1958.

—o:0:c—

SUMMARY OF WEATHER

EAST PAKISTAN : A low pressure wave which began affecting East Pakistan on the 28th moved away eastwards across the region on the next day after causing local rain in Rajshahi division and scattered in Chittagong division.

The weather thereafter remained dry except on the 3rd and the 4th when scattered rain fell in Dacca and Rajshahi divisions under the influence of another westerly low pressure wave.

Chief amounts of rainfall recorded during the week were : Satkhira $\frac{1}{2}$ " and Srimangal, Sirajganj, Dinajpur and Rangpur $\frac{1}{4}$ " each on the 1st.

Night temperatures were appreciably above normal over the region practically throughout the week.

WEST PAKISTAN : Last week's western disturbance over Quetta division moved to the Punjab Kumaon hills by the 28th while its secondary moved away northeastwards across Rajasthan. They caused local rain in D. I. Khan division and the Federal Capital Area and scattered rain or thunderstorms in Kalat (South), Quetta, Peshawar, Rawalpindi and Bahawalpur divisions during the first two days of the week.

Three western disturbances moved thereafter in close succession during the next four days, the first across the north of the region and the other two across Rawalpindi division and Kashmir. Under their influence rain fell practically throughout the northern half of West Pakistan between the 2nd and the 4th being fairly widespread in Peshawar, Rawalpindi and Lahore divisions.

Chief amounts of rainfall recorded during the week were : Parachinar $\frac{1}{2}$ " on the 27th ; Rawalpindi 1" and Kakul $\frac{1}{4}$ " on the 2nd ; Chakdara, Peshawar, Kakul and Parachinar 1" each and Murree and Khushab $\frac{1}{2}$ " each on the 3rd and Sialkot and Murree $\frac{1}{2}$ " each on the 4th.

Night temperatures were appreciably above normal over the northern half of West Pakistan on the 27th, practically normal over the region on the 1st and generally appreciably below normal over the region outside Kalat division during the rest of the week.

2. **CHITTAGONG DIVISION :** Scattered rain fell on one day.

DACCA DIVISION : Scattered rain fell on one day.

RAJSHAH I DIVISION : Rainfall was local and scattered on one day each.

KASHMIR : Data not available.

LAHORE DIVISION : Rainfall was nearly general on two days.

RAWALPINDI DIVISION : Rainfall was nearly general on two days and scattered on another two days.

MULTAN DIVISION : Scattered rain fell on one day.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was nearly general on two days and scattered on another two days.

D. I. KHAN DIVISION : Local rain fell on two days and scattered on one day.

QUETTA DIVISION : Scattered rain fell on one day.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Scattered rain fell on one day.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Scattered rain fell on one day.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals the week's rainfall was in large excess in Rajshahi, Rawalpindi, Peshawar and Hyderabad divisions and the Federal Capital Area, in excess in Lahore division, deficient in Multan and Kalat divisions and scanty in Chittagong, Dacca and Quetta divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Quetta division, in excess in Chittagong, Kalat (North) and Peshawar divisions, normal in Lahore, Rawalpindi, Multan and Kalat (South) divisions, deficient in Dacca, Rajshahi, D.I. Khan, Bahawalpur and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

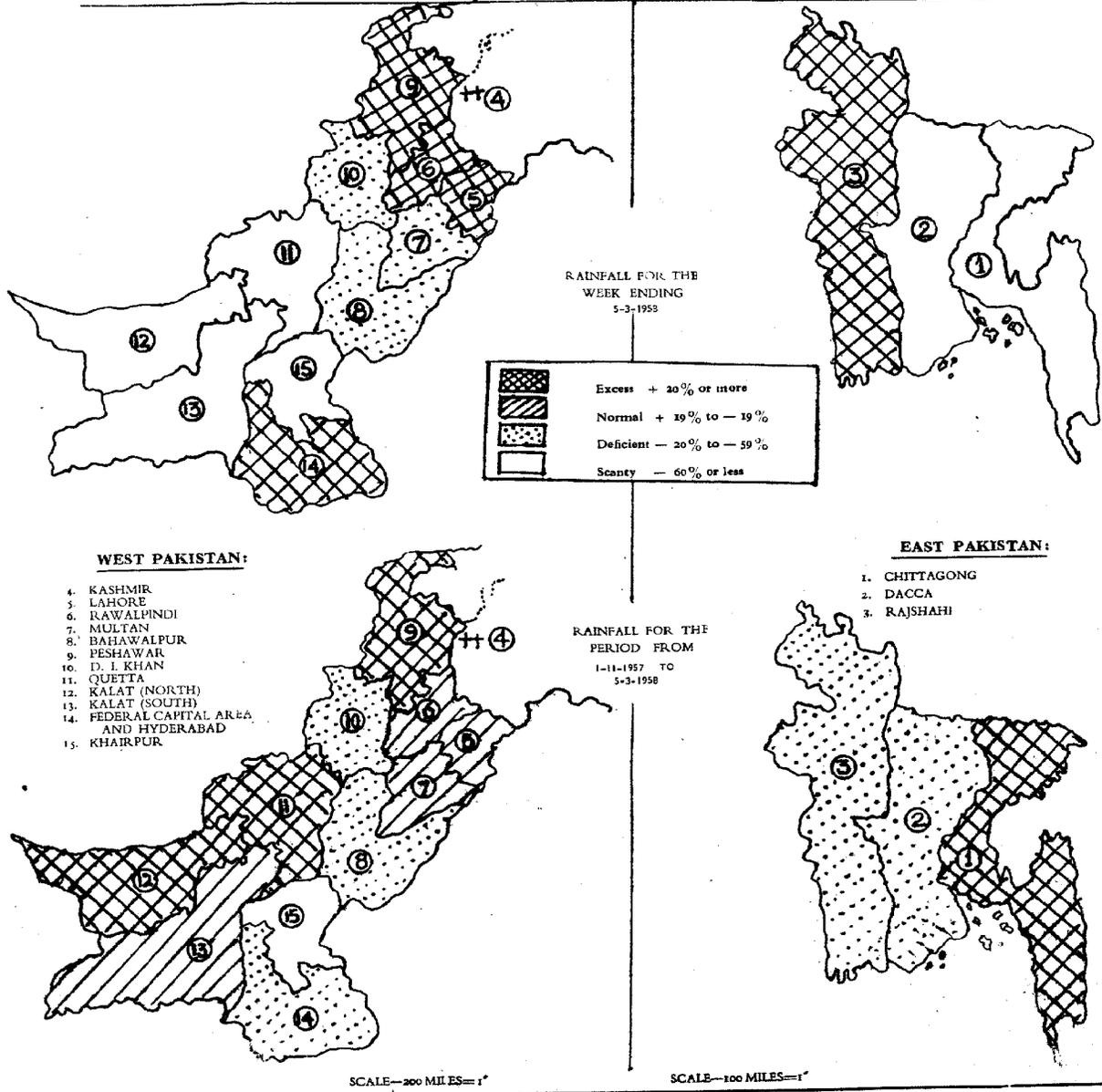
KARACHI-11. }
The 5th March, 1958. }

S. N. NAQVI
Director Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 5th March, 1958.			Rainfall for period from 1st November, 1957 to 5th March, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.1	0.5	-0.4	3.1	1.9	+1.1	58
2. Dacca	0	0.3	-0.3	2.3	3.0	-0.7	25
3. Rajshahi	0.4	0.2	+0.1	1.3	2.3	-0.9	41
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.4	0.3	+0.1	3.1	3.7	-0.6	17
6. Rawalpindi	1.4	0.7	+0.7	7.9	6.9	+1.0	15
7. Multan	0.1	0.1	0	2.9	1.3	+1.6	12
8. Bahawalpur	0	0.1	-0.1	0.3	0.8	-0.4	55
9. Peshawar	0.9	0.5	+0.4	6.5	5.4	+1.2	22
10. D. I. Khan	0.4	0.4	0	1.2	2.9	-1.7	58
11. Quetta	0.1	0.3	-0.2	7.2	4.4	+2.8	63
12. Kalat (North)	0.1	0.1	-0.1	4.5	3.3	+1.2	36
13. Kalat (South)	0.1	0.2	-0.1	5.0	4.4	+0.5	12
14. F. C. A. & H'Bad.	0.1	0	+0.1	0.6	0.9	-0.3	35
15. Khairpur	0	0.1	-0.1	0.2	0.8	-0.6	76
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 12th March, 1958.

—o:O:c—

SUMMARY OF WEATHER

EAST PAKISTAN : Dry weather prevailed over the region throughout the week.

Night temperatures were generally appreciably below normal during the first five days.

WEST PAKISTAN : Except for scattered light rain or drizzle in Quetta and D.I. Khan divisions on the 6th under the influence of a secondary western disturbance, which moved away northeastwards across Peshawar division by the 7th, the weather was dry over the region during the first three days of the week.

Thereafter, the weather was influenced by three active western disturbances which moved in close succession. The first moved across Kashmir while the second moved across the north of West Pakistan and was associated with a secondary which moved from Quetta division to Rawalpindi division where it lay on the last day of the week. Under their influence rain fell throughout the northern half of the region and in North Kalat division during the last four days of the week and was fairly widespread in most of the divisions.

Chief amounts of rainfall recorded during the week were : Murree 2", Haripur and Kakul 1½" each and Rawalpindi ¾" on the 10th; Parachinar and Harnai ¾" each on the 11th, Parachinar 2"; Rawalpindi and Murree 1½" each; Kakul and Landikotal 1" each and Jhelum ¾" on the 12th.

Night temperatures were generally markedly above normal in Quetta and Kalat divisions on the 6th, 7th and 10th, in the northern divisions on the 8th and the 9th and in Kalat, Khairpur, Bahawalpur, Multan, Lahore and Peshawar divisions on the 11th.

2. **CHITTAGONG DIVISION :** Weather remained dry.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Weather remained dry.

KASHMIR : Data not available.

LAHORE DIVISION : Local rain fell on one day.

RAWALPINDI DIVISION : Rainfall was nearly general on two days and scattered on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was nearly general on one day, local on another day and scattered on two days.

D. I. KHAN DIVISION : Nearly general and local rain fell on one day each.

QUETTA DIVISION : Rainfall was nearly general on two days and scattered on one day.

KALAT (NORTH) DIVISION : Nearly general rain fell on one day.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. The week's rainfall was in large excess in Rawalpindi and Kalat (North) divisions, in excess in Quetta division, normal in D.I. Khan division, deficient in Lahore and Peshawar divisions and scanty in Khairpur division.

No rain fell in East Pakistan and in Multan, Bahawalpur, Kalat (South) and Hyderabad divisions and the Federal Capital Area.

Rainfall for the period from 1st November, 1957 to date was in large excess in Quetta and Multan divisions, in excess in Chittagong, Rawalpindi and Kalat (North) divisions, normal in Peshawar and Kalat (South) divisions, deficient in Dacca, Rajshahi, Lahore and Hyderabad divisions and the Federal Capital Area, and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

KARACHI-11. }
The 12th March, 1958. }

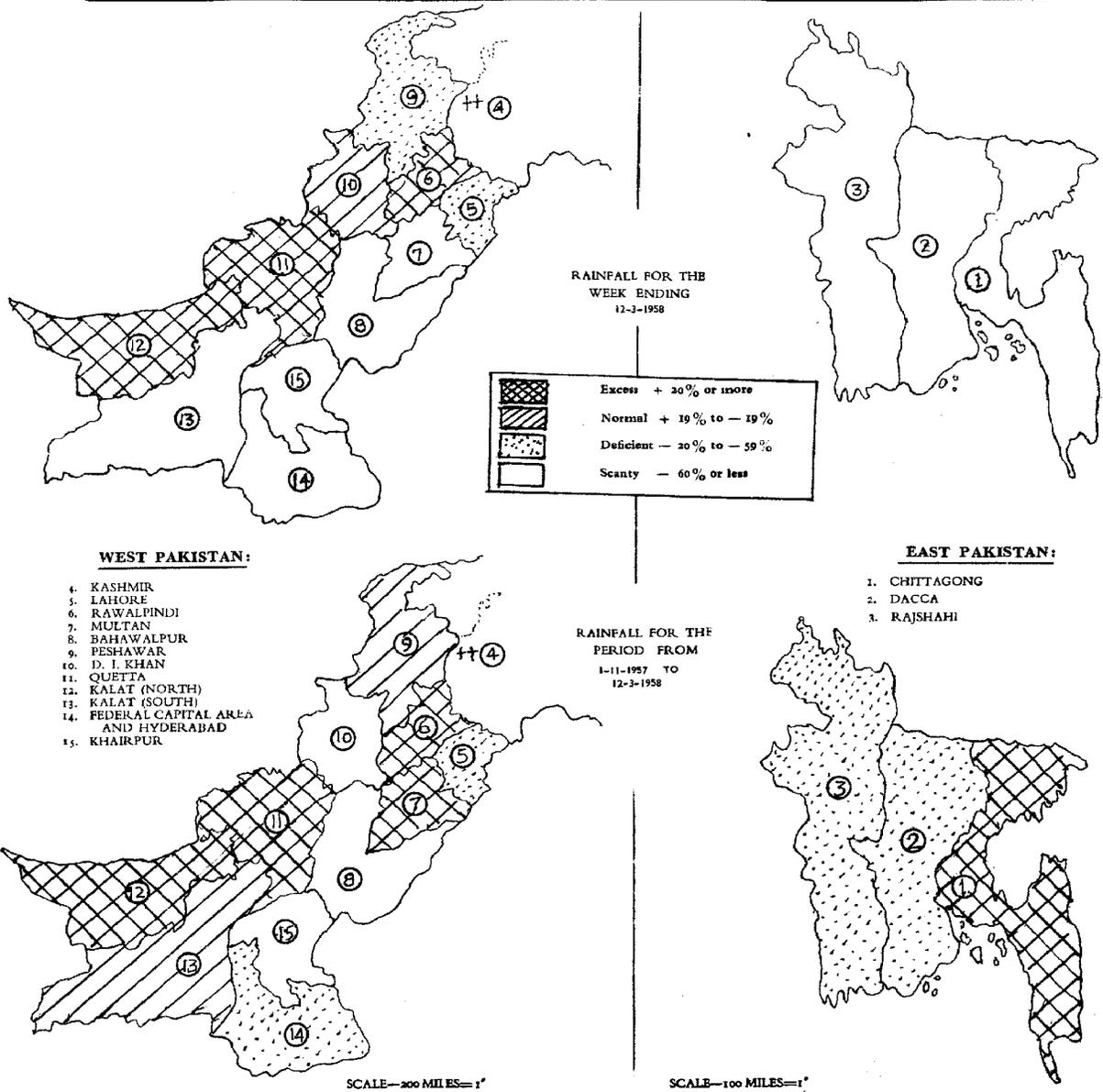
M. A. QUADIR

For Director Meteorological Service.

WEEKLY WEATHER REPORT

Division..	Rainfall for week ending on 12th March, 1958.			Rainfall for period from 1st November, 1957 to 12th March, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.5	-0.5	3.1	2.4	+0.6	+ 27
2. Dacca	0	0.4	-0.4	2.3	3.4	-1.1	- 23
3. Rajshahi	0	0.3	-0.3	1.3	2.5	-1.2	- 47
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.1	0.3	-0.2	3.3	4.1	-0.8	- 20
6. Rawalpindi	2.1	0.6	+1.4	10.0	7.5	+2.5	+ 33
7. Multan	0	0.2	-0.2	2.9	1.5	+1.4	+ 96
8. Bahawalpur	0	0.1	-0.1	0.3	0.9	-0.6	- 62
9. Peshawar	0.7	0.9	-0.2	7.3	6.3	+1.0	+ 15
10. D. I. Khan	0.3	0.3	-0.1	0.5	3.3	-2.7	- 85
11. Quetta	0.6	0.4	+0.1	7.8	4.8	+2.9	+ 61
12. Kalat (North)	0.3	0.1	+0.1	4.8	3.5	+1.3	+ 38
13. Kalat (South)	0	0.1	-0.1	5.0	4.6	+0.4	+ 9
14. F. C. A. & H ^o Bad.	0	0.1	-0.1	0.6	1.0	-0.4	- 40
15. Khairpur	0	0.1	-0.1	0.2	0.9	-0.7	- 77
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 19th March, 1958.

—o:O:c—

SUMMARY OF WEATHER

EAST PAKISTAN : Dry weather prevailed over East Pakistan throughout the week.

Night temperatures were nearly normal during the period.

WEST PAKISTAN : The movement of a secondary western disturbance across Rawalpindi division on the 13th and another from north of Afghanistan to Kashmir between the first two days of the week was responsible for local rain or thundershowers in Rawalpindi division on the 13th and scattered in Peshawar division on that date. Local rain or thundershowers were also reported from Peshawar division and isolated light rain from Quetta division on the 14th. Thereafter, weather remained dry except for isolated light rain in Peshawar and Rawalpindi divisions on the 17th due to the passage of a secondary western disturbance and in north Kalat division on the last day of the week when a secondary western disturbance lay over Quetta division and neighbourhood.

Chief amounts of rainfall recorded during the week were : Murree $\frac{1}{2}$ " and Kakul $\frac{1}{4}$ " on the 13th and Leiah $\frac{1}{2}$ " and Drosh and Cherat $\frac{1}{4}$ " each on the 14th.

Night temperatures were appreciably above normal in the northern parts of West Pakistan during the first five days and markedly so there on the last two days.

2. **CHITTAGONG DIVISION :** Weather remained dry.
- DACCA DIVISION :** Weather remained dry.
- RAJSHAHI DIVISION :** Weather remained dry.
- KASHMIR :** Data not available.
- LAHORE DIVISION :** Weather was dry.
- RAWALPINDI DIVISION :** Local rain fell on one day.
- MULTAN DIVISION :** Weather remained dry.
- BAHAWALPUR DIVISION :** Scattered rain fell on one day.
- PESHAWAR DIVISION :** Local rain fell on one day and scattered on another day.
- D. I. KHAN DIVISION :** Weather was dry.
- QUETTA DIVISION :** Weather was dry.
- KALAT (NORTH) DIVISION :** Weather was dry.
- KALAT (SOUTH) DIVISION :** Weather was dry.
- FEDERAL CAPITAL AREA AND HYDERABAD DIVISION :** Weather was dry.
- KHAIRPUR DIVISION :** Weather was dry.
- JUNAGADH :** Data not available.

3. Based on the data of stations having normals, the week's rainfall was scanty in Rawalpindi, Peshawar, Quetta and north Kalat divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Multan division, in excess in Rawalpindi, Quetta and Kalat (North) divisions, normal in Chittagong, Peshawar and Kalat (South) divisions, deficient in Dacca, Rajshahi, Lahore and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

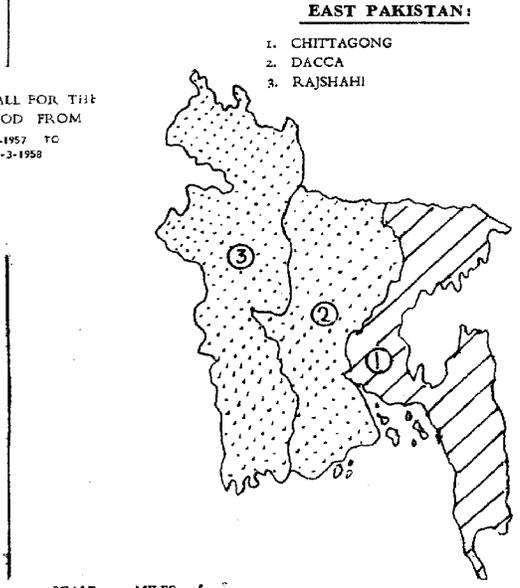
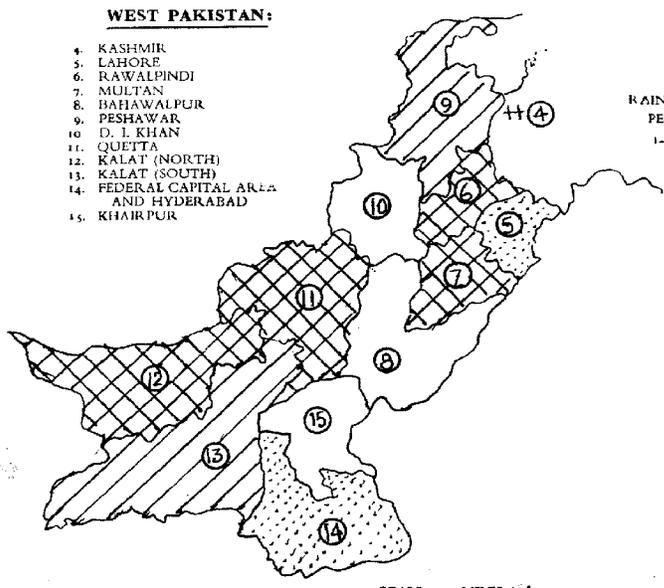
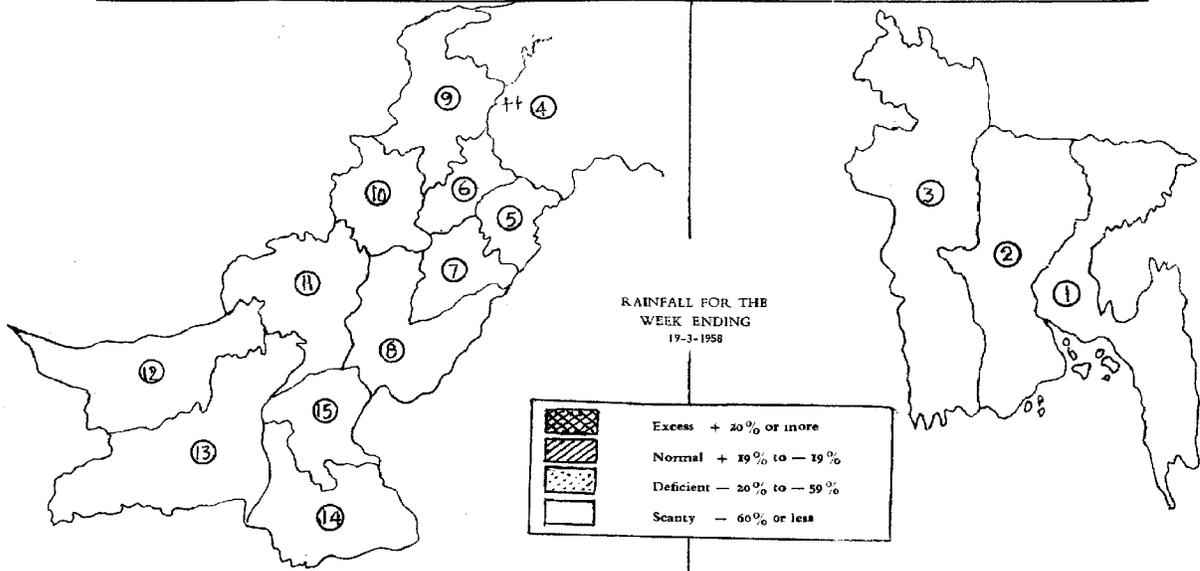
KARACHI-11. }
The 19th March, 1958. }

M. A. QUADIR
For Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 19th March, 1958.			Rainfall for period from 1st November, 1957 to 19th March, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.5	— 0.5	3.1	3.0	— 0.1	— 3
2. Dacca	0	0.5	— 0.5	2.3	3.9	— 1.6	— 42
3. Rajshahi	0	0.3	— 0.3	1.3	2.8	— 1.5	— 52
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	— 0.3	3.3	4.3	— 1.1	— 25
6. Rawalpindi	0.2	0.7	— 0.5	10.2	8.2	+ 2.0	+ 24
7. Multan	0	0.1	— 0.1	2.9	1.6	+ 1.3	+ 83
8. Bahawalpur	0	0.6	— 0.6	0.3	1.5	— 1.2	— 77
9. Peshawar	0.1	1.0	— 0.9	7.4	7.3	+ 0.1	+ 2
10. D. I. Khan	0	0.4	— 0.4	0.5	3.7	— 3.2	— 86
11. Quetta	0	0.4	— 0.4	7.8	5.3	+ 2.5	+ 48
12. Kalat (North)	0	0.3	— 0.3	4.8	3.7	+ 1.1	+ 29
13. Kalat (South)	0	0.1	— 0.1	5.0	4.7	+ 0.3	+ 6
14. F. C. A. & H'Bad.	0	0.1	— 0.1	0.6	1.1	— 0.5	— 44
15. Khairpur	0	0.1	— 0.1	0.2	1.0	— 0.8	— 78
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 26th March, 1958.

—o:O:c—

SUMMARY OF WEATHER

EAST PAKISTAN : Dry weather continued to prevail over the region during the week.

Day temperatures were markedly above normal during the first five days and considerably so during the rest of the week.

WEST PAKISTAN : A secondary western disturbance which appeared over Quetta division on the last day of the previous week moved away northeastwards across Rawalpindi division on the 20th after causing scattered light rain or thundershowers in Peshawar, D.I. Khan and Rawalpindi divisions.

It was closely followed by another secondary western disturbance which moved from Quetta division to Peshawar division during the next three days and caused light rain or thundershowers in Peshawar and Rawalpindi divisions on the 22nd and the 23rd.

Dry weather prevailed over the region during the rest of the week except for isolated light showers in D.I. Khan division on the 25th.

Day temperatures were generally markedly above normal over the region between the 20th and the 25th and considerably so over the region outside south Kalat division and the Federal Capital Area on the last day of the week.

2. **CHITTAGONG DIVISION :** Weather remained dry.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Weather remained dry.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Scattered rain fell on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on one day.

D. I. KHAN DIVISION : Scattered rain fell on one day.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. The week's rainfall was scanty in Rawalpindi, Peshawar and D.I. Khan divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Multan division, in excess in Quetta and Kalat (North) divisions, normal in Chittagong, Rawalpindi, Peshawar and Kalat (South) divisions, deficient in Dacca, Rajshahi, Lahore, D.I. Khan, and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st November, 1957 to date.

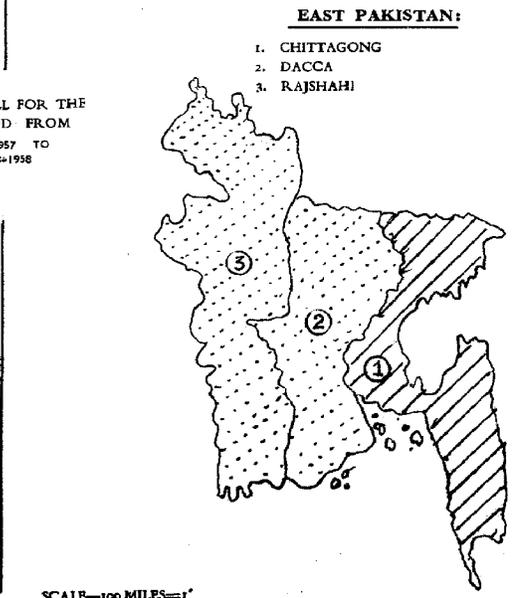
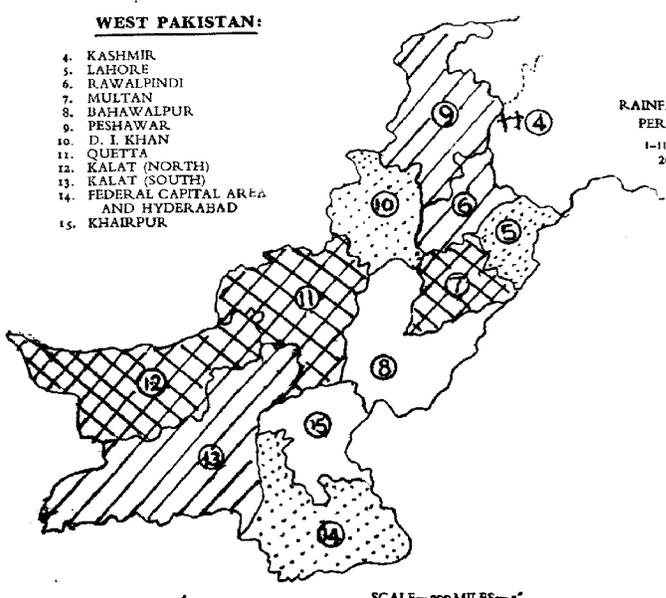
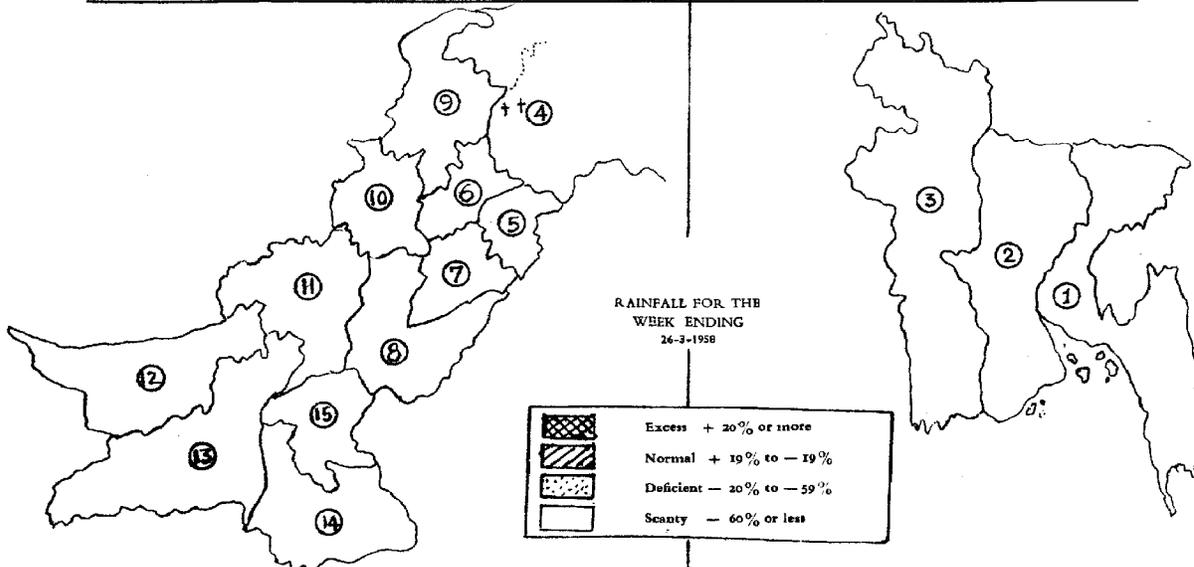
KARACHI-11. }
The 26th March, 1958. }

M. A. QUADIR,
for Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 26th March, 1958.			Rainfall for period from 1st November, 1957 to 26th March, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.7	-0.7	3.0	3.6	-0.6	- 15
2. Dacca	0	0.5	-0.5	2.3	4.4	-2.1	- 49
3. Rajshahi	0	0.2	-0.2	1.3	3.0	-1.7	- 56
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	-0.2	3.3	4.5	-1.3	- 28
6. Rawalpindi	0	0.6	-0.6	10.2	8.8	+1.4	+ 16
7. Multan	0	0.1	-0.1	2.9	1.6	+1.2	+ 75
8. Bahawalpur	0	0.1	-0.1	0.3	1.6	-1.2	- 78
9. Peshawar	0.1	0.6	-0.6	7.5	7.9	-0.5	- 6
10. D. I. Khan	0.1	0.4	-0.3	1.6	4.1	-2.5	- 41
11. Quetta	0	0.3	-0.3	7.8	5.5	+2.3	+ 41
12. Kalat (North)	0	0.1	-0.1	4.8	3.9	+0.9	+ 24
13. Kalat (South)	0	0	0	5.0	4.7	+0.3	+ 6
14. F. C. A. & H'Bad.	0	0	0	0.6	1.1	-0.5	- 45
15. Khairpur	0	0	0	0.2	1.0	-0.8	- 79
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



RAINFALL FOR THE PERIOD FROM 1-11-1957 TO 26-3-1958

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 2nd April, 1958.

— o:O:o —

SUMMARY OF WEATHER

EAST PAKISTAN : The weather was abnormally hot and dry during the first two days of the week. Two lows moved, thereafter, across the region in close succession and caused scattered rainfall over there and pronounced thunderstorm activity in Dacca division on the 29th and the 30th and fairly widespread rain or thundershowers with a few locally moderate to heavy falls in Dacca and Chittagong divisions during the last three days of the week.

Chief amounts of rainfall recorded were :—Comilla $1\frac{1}{2}$ " and Bogra 1" on the 30th ; Chittagong 2", Faridpur and Barisal $1\frac{1}{2}$ " each and Majdee Court 1" on the 31st ; Chittagong 3", Barisal 2" and Khulna $1\frac{1}{2}$ " on the 1st and Comilla and Srimangal 1" each on the 2nd.

Day temperatures were generally considerably above normal on the 27th and the 28th, markedly so on the 29th and appreciably so on the 30th. They were appreciably below normal during the last three days of the week.

WEST PAKISTAN : The weather was at first influenced by the passage of two western disturbances, one across the north of the region while the other, which was a secondary and appeared over Multan division and neighbourhood on the 28th, across Lahore division by the 30th. They caused rain or thunderstorms locally in Peshawar and Quetta divisions and at a few places in D.I. Khan, Lahore and Rawalpindi divisions between the 28th and the 30th.

Thereafter, two more western disturbances moved in close succession, the first across the north of Kashmir and the other across Quetta and D.I. Khan divisions and thence to Lahore division where it lay on the last day of the week. They caused fairly widespread rain or thunderstorms in D.I. Khan and Rawalpindi divisions, local in Peshawar and Multan divisions and scattered elsewhere over the region outside south Kalat and Hyderabad division and the Federal Capital Area during the last two days of the week.

Chief amounts of rainfall recorded were :—Landikotal 2" and Drosh 1" on the 28th ; Drosh $1\frac{1}{2}$ " and Chakdara $\frac{1}{2}$ " on the 29th ; Landikotal $\frac{3}{4}$ " and Parachinar $\frac{1}{2}$ " on the 1st and Drosh, Landikotal and Parachinar $\frac{1}{4}$ " each and Murree $\frac{1}{2}$ " on the 2nd.

Day temperatures were generally considerably above normal over the region outside south Kalat and Hyderabad divisions and the Federal Capital Area on the 27th and the 28th, markedly so mainly over the southern parts on the 29th and the 30th and appreciably so practically over the whole region during the subsequent two days. They were considerably below normal in Quetta, Peshawar and Rawalpindi divisions on the last day of the week.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on one day and local and scattered on two days each.

DACCA DIVISION : Rainfall was nearly general on two days.

RAJSHAHI DIVISION : Local and scattered rain fell on two days.

KASHMIR : Data not available.

LAHORE DIVISION : Local rain fell on one day.

RAWALPINDI DIVISION : Rainfall was nearly general on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Scattered rain fell on one day.

PESHAWAR DIVISION : Local rain fell on three days and scattered on one day.

D. I. KHAN DIVISION : Rainfall was local on two days and scattered on one day.

QUETTA DIVISION : Local and scattered rain fell on one day each.

KALAT (NORTH) DIVISION : Scattered rain fell on one day.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA KARACHI AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in East Pakistan, normal in Peshawar, Quetta and Khairpur divisions, deficient in Rawalpindi, Lahore and D.I. Khan divisions and scanty in Kalat (North) division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st November, 1957 to 31st March, 1958 was in large excess in Multan division, in excess in Quetta and Kalat (North) divisions, normal in Chittagong, Rawalpindi, Peshawar and Kalat (South) divisions, deficient in Dacca, Rajshahi, Lahore and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan, both for the week and for the period from 1st November, 1957 to 31st March, 1958.

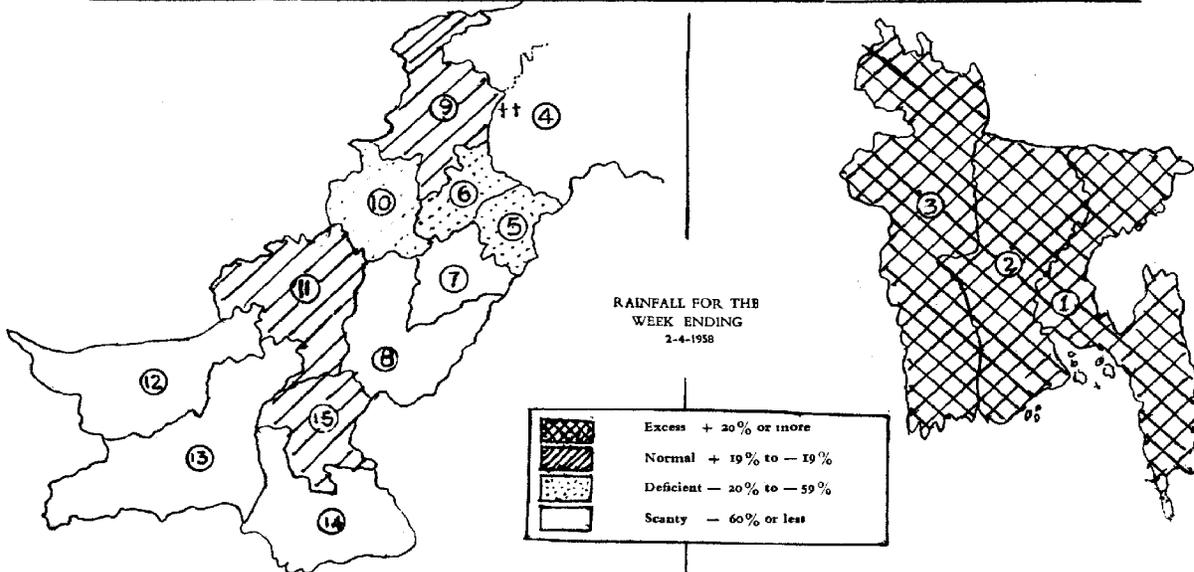
KARACHI-11. }
The 2nd April, 1958. }

S. N. NAQVI
Director, Meteorological Service.

WEEKLY WEATHER REPORT

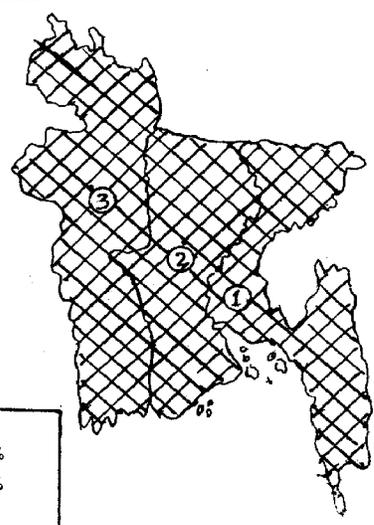
Division.	Rainfall for week ending on 2nd April, 1958.			Rainfall for period from 1st November, 1957 to 31st March, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	1.5	0.7	+ 0.8	3.9	4.1	- 0.2	- 4
2. Dacca	1.6	0.6	+ 1.0	3.1	4.9	- 1.7	- 35
3. Rajshahi	0.8	0.4	+ 0.4	1.5	3.3	- 1.8	- 54
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.1	0.2	- 0.1	3.4	4.7	- 1.3	- 27
6. Rawalpindi	0.3	0.6	- 0.3	10.3	9.3	+ 1.0	+ 11
7. Multan	0	0.1	- 0.1	2.9	1.7	+ 1.2	+ 71
8. Bahawalpur	0	0	0	0.3	1.6	- 1.3	- 78
9. Peshawar	0.5	0.5	0	7.8	8.3	- 0.5	- 6
10. D. I. Khan	0.5	0.7	- 0.2	0.8	4.6	- 3.8	- 83
11. Quetta	0.2	0.3	0	7.9	5.7	+ 2.3	+ 40
12. Kalat (North)	0.1	0.1	- 0.1	4.8	3.9	+ 0.9	+ 22
13. Kalat (South)	0	0.1	- 0.1	5.0	4.8	+ 0.2	+ 4
14. F. C. A. & H'Bad.	0	0	0	0.6	1.1	- 0.5	- 46
15. Khairpur	0	0	0	0.2	1.0	- 0.8	- 79
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEST PAKISTAN:

- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR



EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI

SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 9th April, 1958.

—o:O:o—

SUMMARY OF WEATHER



EAST PAKISTAN : Except for scattered thunderstorms or showers in Chittagong division on the 3rd, 4th and 7th under the influence of a trough of low pressure, the weather was dry over the region during the first six days of the week.

A low pressure area moving thereafter across Assam and neighbourhood caused thunderstorms or showers locally in Chittagong and Dacca divisions and at a few stations in Rajshahi division on the last day of the week.

Chief amounts of rainfall recorded were :—Sylhet $1\frac{1}{2}$ " and Srimangal 1" on the 3rd and Faridpur $1\frac{1}{2}$ ", Brahmanbaria $\frac{1}{2}$ " and Satkhira $\frac{1}{2}$ " on the 9th.

Day temperatures were appreciably above normal in Chittagong division on the 4th and markedly so over the region between the 5th and the 9th.

WEST PAKISTAN : Last week's western disturbance over Lahore division moved away eastwards on the first day of the week after causing local thunderstorms or showers in Lahore division and scattered in Rawalpindi division.

Three western disturbances moved thereafter in close succession during the last four days of the week, the first and the third across the north of the region and second across Quetta and Rawalpindi divisions. They caused a few thunderstorms or showers in Peshawar division on the 6th and the 7th, local over there and scattered in Rawalpindi and D.I. Khan divisions on the 8th and local in Peshawar division alone on the 9th.

Chief amounts of rainfall during the week were :—Drosh $1\frac{1}{2}$ " and Murree, Chakdara and Landikotal $\frac{1}{2}$ " each on the 8th.

Day temperatures were considerably below normal in the northern parts of the region on the first day and were generally markedly above normal in West Pakistan during the last five days of the week.

2. **CHITTAGONG DIVISION :** Local rain fell on one day and scattered on two days.

DACCA DIVISION : Rainfall was local on one day.

RAJSHAHI DIVISION : Rainfall was scattered on one day.

KASHMIR : Data not available.

LAHORE DIVISION : Local rain fell on one day.

RAWALPINDI DIVISION : Scattered rain fell on two days.

MULTAN DIVISION : Weather was dry.

BAHAWALPUR DIVISION : Weather was dry.

PESHAWAR DIVISION : Rainfall was local on one day and scattered on another day.

D. I. KHAN DIVISION : Weather was dry.

QUETTA DIVISION : Weather was dry.

KALAT (NORTH) DIVISION : Weather was dry.

KALAT (SOUTH) DIVISION : Weather was dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather was dry.

KHAIRPUR DIVISION : Weather was dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals the week's rainfall was deficient in Chittagong, Dacca and Lahore divisions and scanty in Rajshahi and Rawalpindi divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st April, 1958 to date was in excess in Chittagong division, normal elsewhere over East Pakistan, deficient in Lahore, Rawalpindi and Kalat (North) divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st April, 1958 to date.

KARACHI-11.

The 9th April, 1958.

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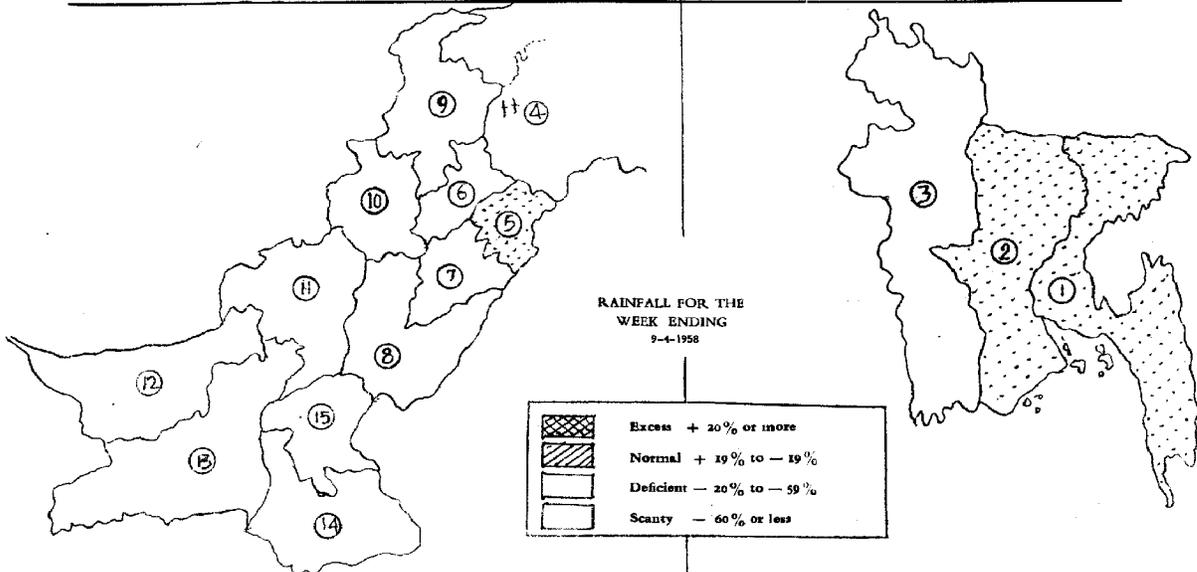
S. N. NAQVI.

Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 9th April, 1958.			Rainfall for period from 1st April, 1958 to 9th April, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.5	1.0	- 0.5	1.6	1.2	+ 0.4	+ 32
2. Dacca	0.3	0.7	- 0.4	1.1	0.9	+ 0.2	+ 18
3. Rajshahi	0.1	0.4	- 0.3	0.5	0.4	+ 0.1	+ 14
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.1	0.2	- 0.1	0.1	0.3	- 0.1	- 54
6. Rawalpindi	0.1	0.6	- 0.5	0.3	0.8	- 0.4	- 57
7. Multan	0	0.1	- 0.1	0	0.1	- 0.1	- 100
8. Bahawalpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
9. Peshawar	0	0.5	- 0.5	0.2	0.6	- 0.4	- 64
10. D. I. Khan	0	0.3	- 0.3	0.3	0.5	- 0.3	- 62
11. Quetta	0	0.3	- 0.3	0.1	0.3	- 0.3	- 84
12. Kalat (North)	0	0.1	- 0.1	0.1	0.1	- 0.1	- 53
13. Kalat (South)	0	0.3	- 0.3	0	0.4	- 0.4	- 100
14. F. C. A. & H ² Bad.	0	0	0	0	0	0	- 100
15. Khairpur	0	0.1	- 0.1	0	1.0	- 0.1	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.

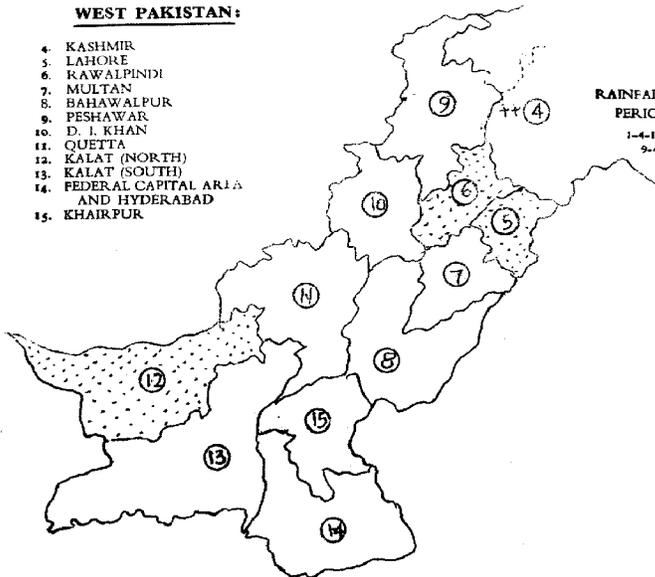


WEST PAKISTAN:

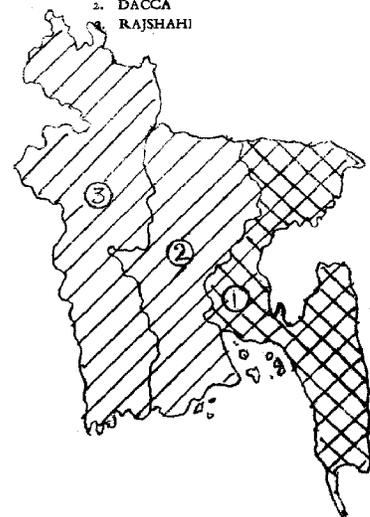
- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI



RAINFALL FOR THE
PERIOD FROM
1-4-1958 TO
9-4-1958



SCALE—200 MILES—1" SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 16th April, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : The weather was disturbed throughout the week when two low pressure areas moved northeastwards across West Bengal, the first towards the beginning and the other towards the end of the week while a trough of low moved across the region between the 11th and the 13th.

Thunderstorms or showers occurred over the whole region on the 10th, 11th and the 13th being fairly widespread in Dacca division on the first and the third day. They were scattered in Chittagong division alone on the 12th, in Dacca division on the 14th, in Rajshahi division on the 15th and in both Chittagong and Rajshahi divisions on the last day of the week.

Chief amounts of rainfall recorded were:—Jessore $\frac{1}{2}$ " on the 10th, Sylhet 1" and Srimangal $\frac{3}{4}$ " on the 11th, Sylhet $\frac{1}{2}$ " on the 12th, Faridpur $\frac{1}{2}$ " on the 13th, Satkhira 2" on the 15th and Rangpur $1\frac{1}{4}$ " on the 16th.

Day temperatures were appreciably above normal only over the northern parts during the first four days of the week and practically throughout the region during the next two days. They were markedly above normal over the region on the last day.

WEST PAKISTAN : Except for the local thunderstorms or showers which occurred on the 10th in Peshawar division and scattered in Rawalpindi and D.I. Khan divisions under the influence of a western disturbance which moved northeastwards across the latter, the weather remained dry over the region during the first five days of the week.

Thereafter, the weather was influenced by two western disturbances, the first across D.I. Khan and Rawalpindi divisions and neighbourhood and the other across Quetta division on the last day of the week. They caused scattered light rain or thunderstorms in Peshawar, Quetta and Kalat (North) divisions on the 15th and in Multan, Peshawar and Hyderabad divisions on the next day.

Chief amounts of rainfall recorded were:—Drosh $\frac{3}{4}$ " and Landikotal $\frac{1}{2}$ " on the 16th.

Day temperatures were appreciably above normal on the 10th and markedly so during the rest of the week over the region outside the coastal districts.

2. **CHITTAGONG DIVISION :** Scattered rain fell on five days.

DACCA DIVISION : Local and scattered rain fell on one day each.

RAJSHAHI DIVISION : Scattered rain fell on three days.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Weather remained dry.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was scattered on one day.

D. I. KHAN DIVISION : Rainfall was scattered on one day.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals the week's rainfall was in excess in Rajshahi division and scanty elsewhere over East Pakistan and in Quetta division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st April, 1958 to date was normal in Rajshahi division, deficient in Dacca and Chittagong divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st April, 1958 to date.

KARACHI-11. }
The 16th April, 1958. }

S. N. NAQVI

Director, Meteorological Service.

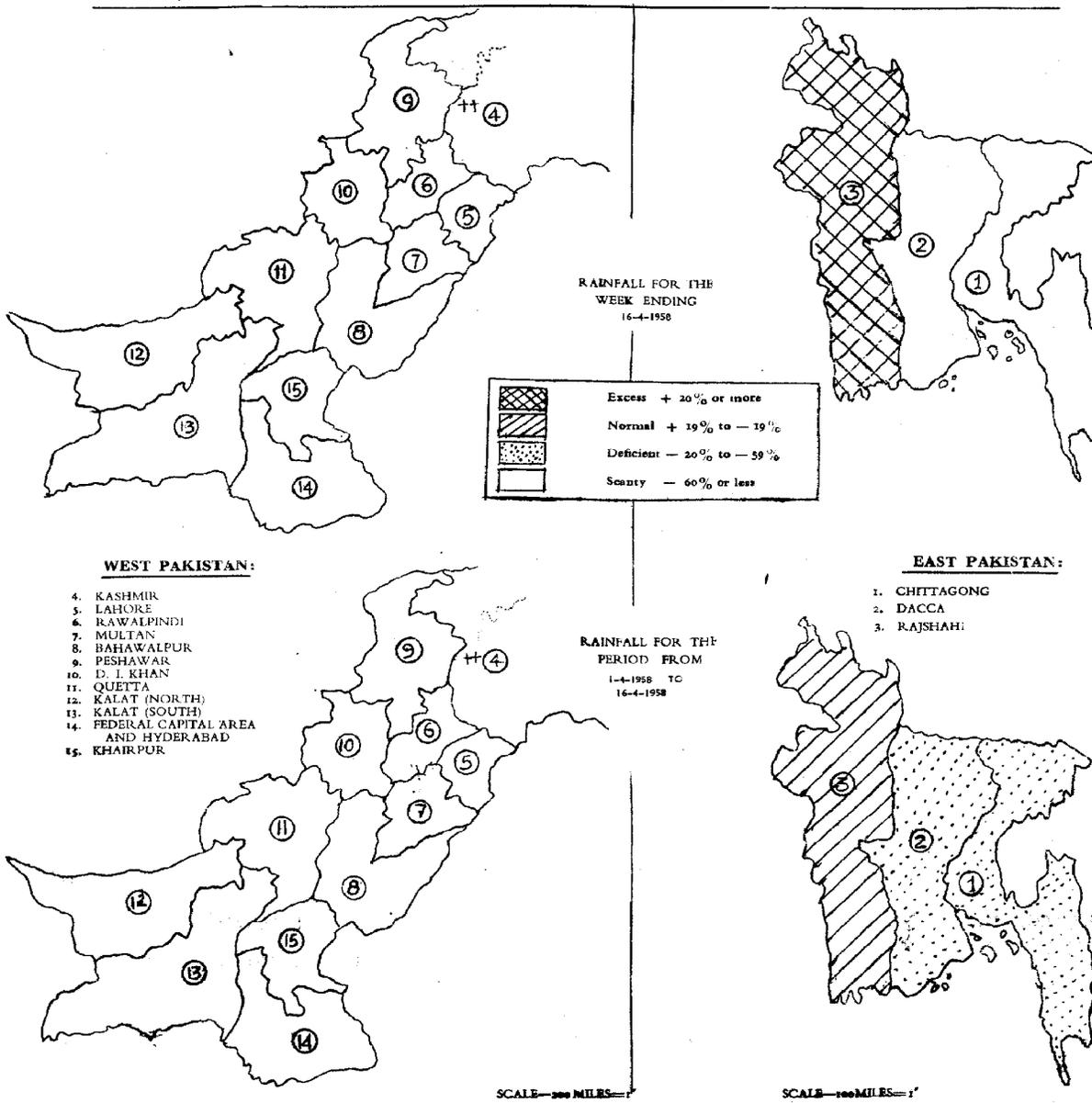
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 16th April, 1958.			Rainfall for period from 1st April, 1958 to 16th April, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.2	1.4	- 1.2	1.8	2.6	- 0.8	- 32
2. Dacca	0.3	1.0	- 0.7	1.4	1.9	- 0.5	- 26
3. Rajshahi	0.7	0.5	+ 0.1	1.1	1.0	0.2	+ 19
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	- 0.2	0.1	0.5	- 0.4	- 74
6. Rawalpindi	0	0.7	- 0.7	0.3	1.5	- 1.2	- 78
7. Multan	0	0.1	- 0.1	0	0.1	- 0.2	- 100
8. Bahawalpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
9. Peshawar	0	0.6	- 0.6	0.2	1.2	- 1.0	- 82
10. D. I. Khan	0	0.3	- 0.3	0.3	0.7	- 0.5	- 64
11. Quetta	0	0.3	- 0.2	0.1	0.6	- 0.5	- 86
12. Kalat (North)	0	0.1	- 0.1	0.1	0.3	- 0.2	- 73
13. Kalat (South)	0	0.1	- 0.1	0	0.5	- 0.5	- 100
14. F. C. A. & H ² Bad.	0	0	0	0	0.1	- 0.1	- 100
15. Khairpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".

† Rainfall of stations having no normals is not included.

†† Data not available.



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 23rd April, 1958

— o : O : o —

SUMMARY OF WEATHER

EAST PAKISTAN : A trough of low bordering East Pakistan caused scattered thunderstorms in Rajshahi division on the first day of the week.

Thereafter two lows moved northeastwards in close succession between the 18th and the 20th, the first across West Bengal and the other across its submountane districts. They caused scattered thunderstorms in Chittagong division on the 18th, fairly widespread thunderstorms or showers in Dacca and Chittagong divisions and local in Rajshahi division on the 19th and local in Dacca and scattered in Chittagong division on the 20th.

The weather during the rest of the week was influenced by a trough of low, which caused scattered thunderstorms or showers over the region on the 21st and the 22nd. On the last day of the week a low pressure wave approaching West Bengal became associated with it and caused fairly widespread thunderstorms or showers in Dacca and Chittagong divisions and local in Rajshahi division.

Chief amounts of rainfall recorded were :—Sylhet 4", Brahmanbaria 2", Srimangal 1½" and Bogra 1" on the 19th ; Faridpur 1" on the 20th ; Sylhet ½" on the 21st ; Faridpur 1" and Narayanganj ½" on the 22nd and Comilla and Faridpur 1½" each, Dacca and Khulna 1" each, Brahmanbaria, Jessore, Chittagong and Majidce Court ¾" each.

Day temperatures were appreciably above normal over the region practically throughout the week.

WEST PAKISTAN : Last week's secondary western disturbance over Rawalpindi division moved away eastwards on the first day of the week while the one from Quetta division moved away across Kashmir by the following morning. They caused local thunderstorms or showers in D.I. Khan division and scattered in Quetta, Multan, Rawalpindi and Peshawar divisions on the 17th and over the last two divisions on the 18th.

Thereafter, two western disturbances moved in close succession between the 19th and the 22nd, the first across Rawalpindi division and Kashmir and the other across the north of the region. They caused scattered thunderstorms in Peshawar division on the 19th, fairly widespread thunderstorms or showers in Peshawar division and scattered in Rawalpindi, Multan, Bahawalpur, D.I. Khan and Quetta divisions on the 20th and scattered light rain or thundershowers only in Peshawar and Rawalpindi divisions during the next two days.

Chief amounts of rainfall recorded were :—Parachinar ¾" on the 17th ; Drosh 1½" and Landikotal ¾" on the 20th and Drosh ¼" on the 21st.

Day temperatures were generally appreciably above normal over the region outside the coastal districts on the 17th and the 18th and markedly so over there on the 19th and the 20th, in Quetta and Kalat divisions alone on the 21st and the region outside these divisions on the 23rd. They were considerably above normal in Quetta and Kalat (North) divisions during the last two days of the week.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general and scattered on two days each.

DACCA DIVISION : Nearly general and local rain fell on two days each.

RAJSHAHI DIVISION : Rainfall was local on one day and scattered on two days.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Scattered rain fell on two days.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was nearly general on one day and scattered on two days.

D. I. KHAN DIVISION : Local and scattered rain fell on one day each.

QUETTA DIVISION : Rainfall was scattered on two days.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was normal in Chittagong, Dacca, D.I. Khan and Kalat (South) divisions, deficient in Rajshahi and Quetta divisions and scanty in Rawalpindi and Peshawar divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st April, 1958 to date was normal in Dacca and Rajshahi divisions, deficient in Chittagong and D.I. Khan divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st April, 1958 to date.

KARACHI-11.

The 23rd April, 1958.

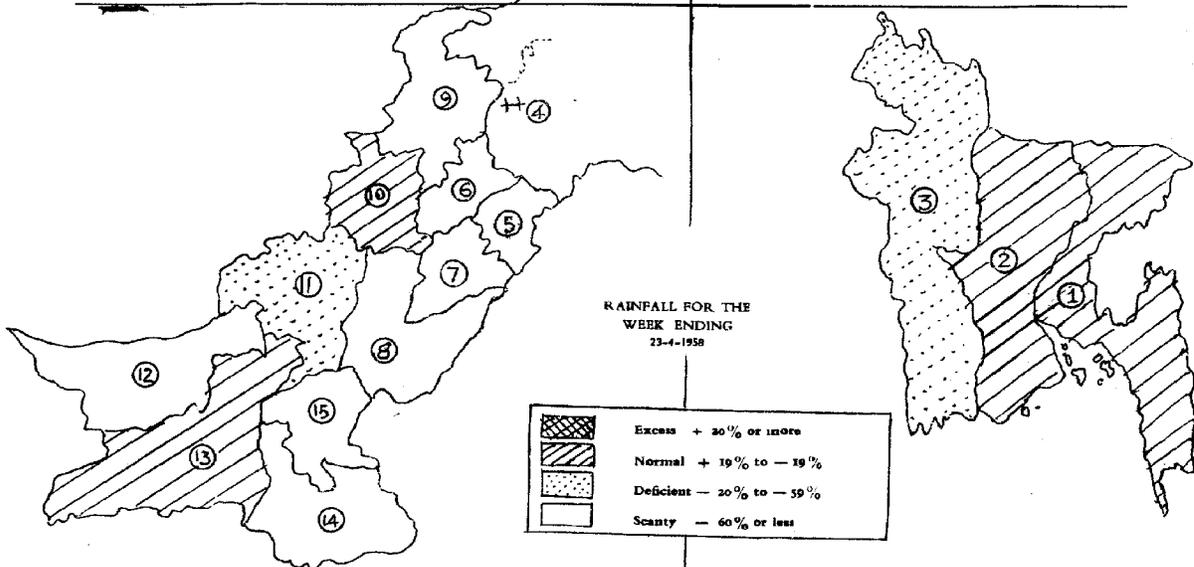
S. N. NAQVI

Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 23rd April, 1958.			Rainfall for period from 1st April, 1958 to 23rd April, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	1.4	1.5	- 0.2	3.1	4.1	- 1.0	- 24
2. Dacca	1.5	1.3	+ 0.2	2.9	3.3	- 0.3	- 10
3. Rajshahi	0.5	0.8	- 0.3	1.7	1.8	- 0.1	- 17
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.1	- 0.1	0.1	0.6	- 0.5	- 80
6. Rawalpindi	0.1	0.5	- 0.3	0.4	1.9	- 1.5	- 78
7. Multan	0	0.1	- 0.1	0	0.3	- 0.3	- 100
8. Bahawalpur	0	0.1	- 0.1	0	0.2	- 0.2	- 100
9. Peshawar	0.1	0.5	- 0.4	0.3	1.7	- 1.4	- 81
10. D. I. Khan	0.2	0.2	0	0.4	0.9	- 0.5	- 53
11. Quetta	0.1	0.2	- 0.1	0.1	0.7	- 0.6	- 80
12. Kalat (North)	0	0.1	- 0.1	0.1	0.4	- 0.3	- 81
13. Kalat (South)	0	0	0	0	0.5	- 0.5	- 100
14. F. C. A. & H'Bad.	0	0	0	0	0.1	- 0.1	- 100
15. Khairpur	0	0	0	0	0.2	- 0.2	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.

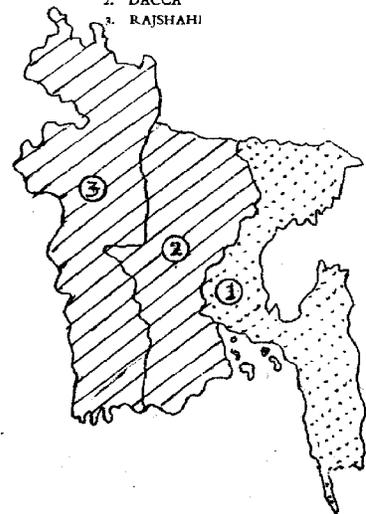
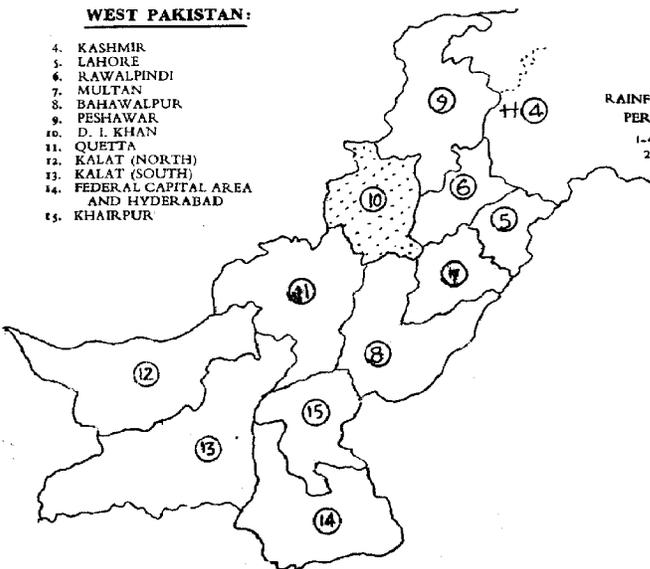


WEST PAKISTAN:

- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIKUR

EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI



SCALE—200 MILES=1"

SCALE—100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 30th April, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Weather remained dry during the first four days. Thereafter, a low moving from West Bengal to Assam on the 28th and another from Bihar to Assam on the last two days of the week caused fairly widespread thunderstorms or showers in Dacca division and local elsewhere over East Pakistan between the 28th and the 30th.

Chief amounts of rainfall recorded during the week were:—Dinajpur 2" on the 28th, Mymensingh 2", Sylhet, Faridpur, Barisal and Bogra 1" each on the 29th and Barisal and Khulna 1½" each and Sylhet and Jessore 1" each on the 30th.

Day temperatures were markedly above normal on the 26th and the 27th and nearly normal during the rest of the week.

WEST PAKISTAN : A western disturbance moved from north of Afghanistan to Kashmir between the 25th and the 27th and was responsible for local thunderstorms or showers in Peshawar and Rawalpindi divisions on the 26th and scattered on the 27th. Scattered dust or thunderstorms were also reported from Lahore and Bahawalpur divisions on the 26th.

A low moving northeastwards from Rajasthan between the 28th and the 30th caused scattered thunderstorms in Lahore and Multan divisions on the 28th and local thunderstorms or showers in Rawalpindi and Multan divisions and scattered in Lahore and Bahawalpur divisions on the 29th. Scattered thunderstorms or showers were also reported from Peshawar, Rawalpindi and Bahawalpur divisions on the last day of the week.

Significant amounts of rainfall during the week were :—Drosh and Murree 1" on the 26th.

Day temperatures were abnormally high in West Pakistan outside coastal Kalat division and the Federal Capital Area during the first three days of the week, being 10-18 degrees F above normal. Thereafter, they were generally markedly above normal.

2. **CHITTAGONG DIVISION :** Rainfall was local on one day and scattered on two days.

DACCA DIVISION : Nearly general rain fell on two days and scattered on one day.

RAJSHAHI DIVISION : Rainfall was local on one day and scattered on two days.

KASHMIR : Data not available.

LAHORE DIVISION : Weather was dry.

RAWALPINDI DIVISION : Local rain fell on one day and scattered on one day.

MULTAN DIVISION : Dry weather.

BAHAWALPUR DIVISION : Dry weather.

PESHAWAR DIVISION : Rainfall was local on one day and scattered on two days.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in excess in Rawalpindi division, normal in Dacca division, deficient in Rajshahi division and scanty in Chittagong, Lahore and Peshawar divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st April, 1958 to date was normal in Dacca and Rajshahi divisions, deficient in Chittagong, Rawalpindi and D.I. Khan divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st April, 1958 to date.

KARACHI-11

The 30th April, 1958.

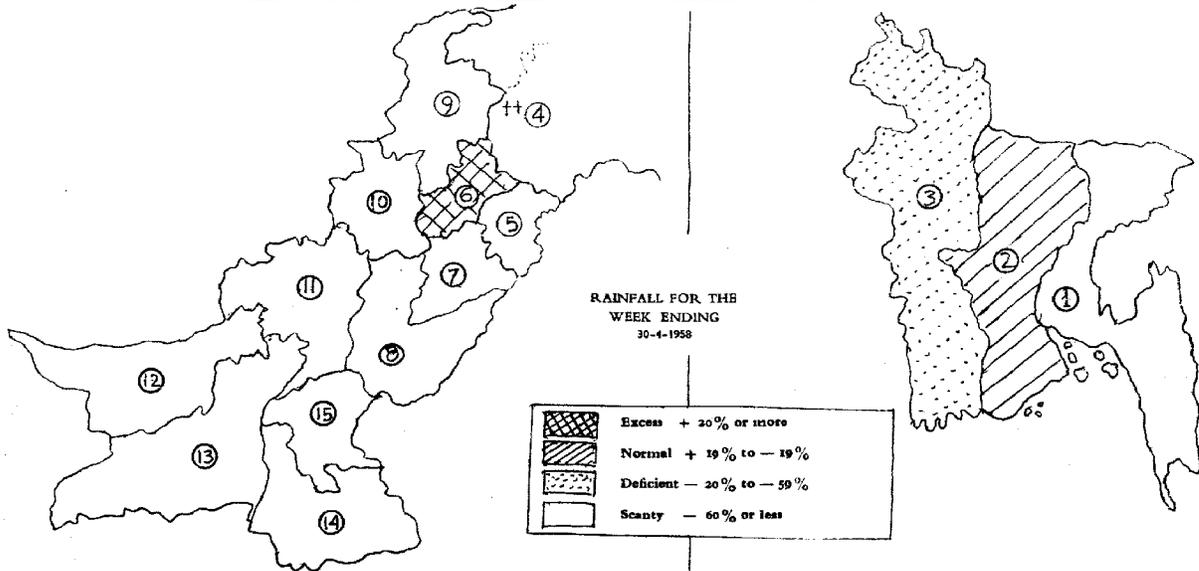
SIBTE NABI NAQVI.

Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 30th April, 1958.			Rainfall for period from 1st April, 1958 to 30th April, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.3	2.1	- 1.8	3.5	6.2	- 2.7	- 44
2. Dacca	1.6	1.7	- 0.1	4.5	4.9	- 0.4	- 8
3. Rajshahi	0.7	1.1	- 0.3	2.4	2.9	- 0.4	- 15
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	- 0.1	0.2	0.8	- 0.6	- 80
6. Rawalpindi	0.5	0.4	+ 0.1	0.9	2.3	- 1.4	- 59
7. Multan	0	0.1	- 0.1	0	0.4	- 0.4	- 100
8. Bahawalpur	0	0	0	0	0.2	- 0.2	- 100
9. Peshawar	0	0.5	- 0.5	0.4	2.3	- 1.9	- 84
10. D. I. Khan	0	0.1	- 0.1	0.4	1.0	- 0.6	- 57
11. Quetta	0	0.1	- 0.1	0.1	- 0.9	- 0.7	- 83
12. Kalat (North)	0	0.1	- 0.1	0.1	0.4	- 0.4	- 84
13. Kalat (South)	0	0	0	0	0.5	- 0.5	- 100
14. F. C. A. & H ² Bad.	0	0.1	- 0.1	0	0.1	- 0.1	- 100
15. Khairpur	0	0	0	0	0.2	- 0.2	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEST PAKISTAN:

- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI

RAINFALL FOR THE PERIOD FROM
1-4-1958 TO
30-4-1958

SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 7th May, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : A low pressure wave moved northeastwards from West Bengal to Assam during the first three days of the week and caused only scattered rain or thundershowers in Dacca and Chittagong divisions between the 1st and the 3rd.

Thereafter, a pronounced spell of wet weather occurred during the rest of the week when three westerly low pressure waves moved in close succession, the first two across East Pakistan and the third across West Bengal on the last day. Rain or thundershowers were fairly widespread and locally moderate to heavy over the whole region on the 4th and in Dacca and Chittagong divisions on the 6th and the 7th while these were local in Rajshahi division on most of the days and in Chittagong division only on the 5th.

Chief amounts of rainfall recorded were:—Sylhet 2" on the 1st ; Srimangal 1" on the 2nd ; Chittagong 3", Comilla and Mymensingh 2" each, Maijdee Court and Sirajganj 1½" each and Srimangal and Satkhira 1" each on the 4th ; Brahmanbaria 1½", Sylhet 1" and Mymensingh ¾" on the 5th ; Dacca 2", Maijdee Court, Comilla and Narayanganj 1½" each and Sylhet, Faridpur, Rangpur and Barisal 1" each on the 6th and Faridpur and Jessore 2" each, Comilla 1½" and Khulna and Satkhira 1" on the 7th.

Day temperatures were appreciably above normal practically over the whole region upto the 4th. They were appreciably below normal in Rajshahi division on the 5th and markedly so over the northern parts of the region during the next two days.

WEST PAKISTAN : Two western disturbances moved northeastwards in close succession during the first three days of the week, the first across the north of Afghanistan and the other, which was its secondary, across Quetta division and thence to south Kashmir. They caused scattered dust or thunderstorms in Quetta, Peshawar, Rawalpindi and Lahore divisions between the 1st and the 3rd.

Thereafter, a low pressure area appeared over northeast Rajasthan on the 4th and moved away into the Bharati Punjab hills by the following morning after causing scattered thunderstorms in Multan division.

The weather during the last three days of the week was influenced by another western disturbance which moved eastwards across north Afghanistan and caused scattered thunderstorms or light showers only in Peshawar and Rawalpindi divisions between the 5th and the 7th.

Day temperatures were generally appreciably above normal over the region outside the coastal districts upto the 4th and markedly so over there during the next two days. They were markedly above normal over the region outside Peshawar, Rawalpindi and Lahore divisions on the 7th.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on three days, local on one day and scattered on two days.

DACCA DIVISION : Nearly general rain fell on three days and scattered on four days.

RAJSHAHI DIVISION : Nearly general and scattered rain fell on one day each and local on two days.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Scattered rain fell on two days.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was scattered on two days.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was large excess in Dacca division, normal in Rajshahi division, deficient in Chittagong division and scanty in Rawalpindi and Multan divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st April, 1958 to date was normal in Dacca and Rajshahi divisions, deficient in Chittagong division and scanty over the whole of West Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st April, 1958 to date.

KARACHI-11. }
The 7th May, 1958. }

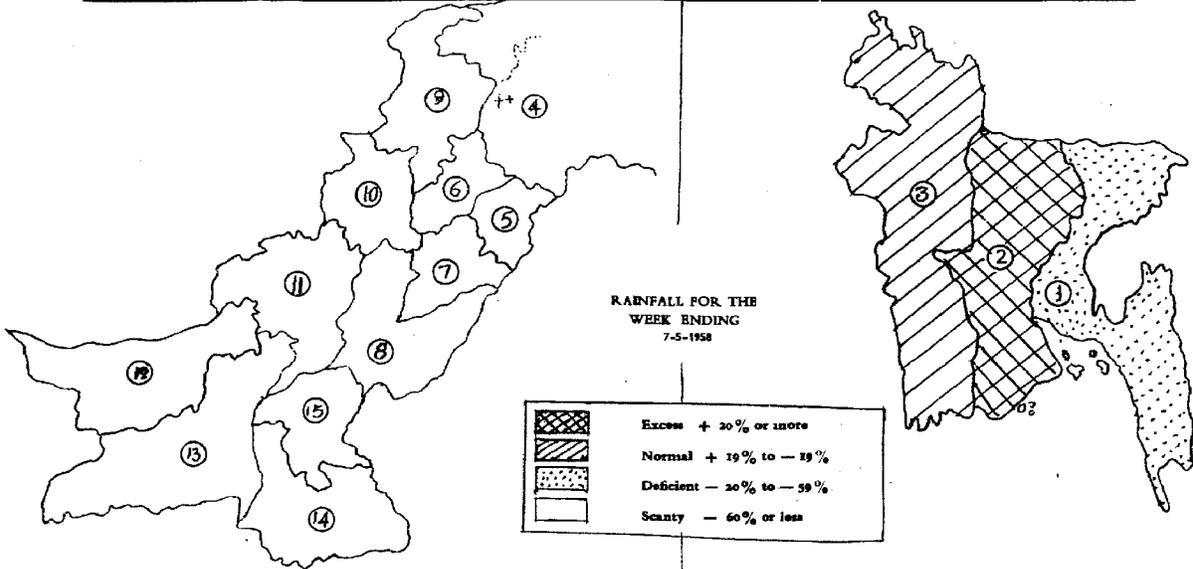
S. N. NAQVI.

Director, Meteorological Service.

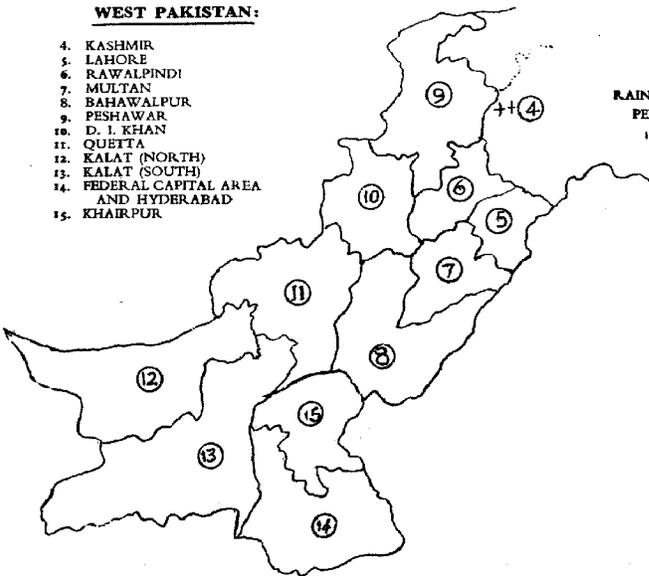
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 7th May, 1958.			Rainfall for period from 1st April, 1958 to 7th May, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	1.6	2.6	- 1.0	5.1	8.8	- 3.7	- 42
2. Dacca	3.6	1.8	+ 1.8	8.1	6.8	+ 1.4	+ 11
3. Rajshahi	1.4	1.4	+ 0.1	3.9	4.3	- 0.4	- 9
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.1	- 0.1	0.2	0.9	- 0.8	- 83
6. Rawalpindi	0.1	0.2	- 0.1	1.0	2.5	- 1.5	- 60
7. Multan	0	0.1	- 0.1	0	0.4	- 0.4	- 98
8. Bahawalpur	0	0	0	0	0.2	- 0.2	- 100
9. Peshawar	0	0.2	- 0.2	0.4	2.3	- 1.9	- 84
10. D. I. Khan	0	0.1	- 0.1	0.4	1.1	- 0.7	- 60
11. Quetta	0	1.6	- 1.6	0.1	2.5	- 2.3	- 91
12. Kalat (North)	0	0	0	0.1	0.4	- 0.4	- 81
13. Kalat (South)	0	0	0	0	0.5	- 0.5	- 100
14. F. C. A. & H'Bad.	0	0	0	0	0.1	- 0.1	- 100
15. Khairpur	0	0.1	- 0.1	0	0.2	- 0.2	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



- WEST PAKISTAN:**
4. KASHMIR
 5. LAHORE
 6. RAWALPINDI
 7. MULTAN
 8. BAHAWALPUR
 9. PESHAWAR
 10. D. I. KHAN
 11. QUETTA
 12. KALAT (NORTH)
 13. KALAT (SOUTH)
 14. FEDERAL CAPITAL AREA AND HYDERABAD
 15. KHAIRPUR



- EAST PAKISTAN:**
1. CHITTAGONG
 2. DACCA
 3. RAJSHAHI

SCALE—200 MILES—1" SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 14th May, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's low pressure area over West Bengal moved away eastwards across the region by the 9th and was closely followed by three westerly low pressure waves and another low pressure area. Of these, the first moved across the sub-Himalayan West Bengal, the second and the third across East Pakistan and the fourth also across sub-Himalayan West Bengal where it lay on the last day of the week.

Under their influence a marked wet spell occurred over the whole of East Pakistan during the first five days of the week and rainfall was locally heavy in Chittagong division between the 9th and the 11th. However, on the sixth day scattered thunderstorms or showers occurred over the whole region while on the last day these were confined only to Chittagong division.

Chief amounts of rainfall recorded during the week were : Brahmanbaria and Sirajganj 2" each, Mymensingh, Narayanganj and Bogra 1½" each, Sylhet, Srimangal, Dacca, Sakhira and Dinajpur 1" each on the 8th ; Srimangal 5", Sylhet 4", Mymensingh and Brahmanbaria 2" each, Comilla and Sirajganj 1½" each and Faridpur 1" on the 9th ; Sylhet 4" and Srimangal ½" on the 10th ; Cox's Bazar and Chittagong 3" each, Comilla 1½" and Majdee Court, Dacca, Barisal and Khulna 1" each on the 11th; Mymensingh 2" and Majdee Court 1" on the 12th ; Mymensingh 1½" and Bogra ½" on the 13th and Sylhet 6" on the 14th.

Day temperatures were appreciably below normal in Dacca and Rajshahi divisions on the 8th, 13th and 14th and markedly so over the whole of East Pakistan on the 9th while on other days they were practically normal.

WEST PAKISTAN : Last week's low over west Rajasthan moved away eastwards on the first day of the week without causing any weather.

Thereafter, the weather remained dry over the region during the next five days except for the 10th when a low pressure wave which moved across Peshawar division caused scattered thunderstorms or showers over there and a few duststorms in Quetta division.

On the last day of the week a western disturbance moved across the north of Kashmir and induced a well-marked secondary over Multan division and adjoining areas. It caused scattered thunderstorms or showers in Peshawar and D.I. Khan divisions and fairly widespread duststorms in Multan and north Kalat divisions, local in Quetta, Khairpur and Hyderabad divisions and the Federal Capital Area and scattered in Peshawar, D.I. Khan and south Kalat divisions.

Drosh recorded ¼" rain on the 10th and Miranshah ½" on the 14th.

Day temperatures were appreciably above normal over the eastern half of the region during the first two days and the last day of the week and considerably so in coastal Kalat and Hyderabad divisions and the Federal Capital Area between the 10th and the 13th.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on four days, local on one day and scattered on two days.

DACCA DIVISION : Nearly general rain fell on four days and scattered on two days.

RAJSHAHI DIVISION : Nearly general and scattered rain fell on one day each and local on four days.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Weather remained dry.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on one day.

D. I. KHAN DIVISION : Scattered rain fell on one day.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Chittagong, Dacca and D.I. Khan divisions and in excess in Rajshahi division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st April, 1958 to date was in excess in Dacca division, normal in Chittagong and Rajshahi divisions, deficient in D.I. Khan division and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st April, 1958 to date.

KARACHI-11
The 14th May, 1958.

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S. N. NAQVI.
Director, Meteorological Service.

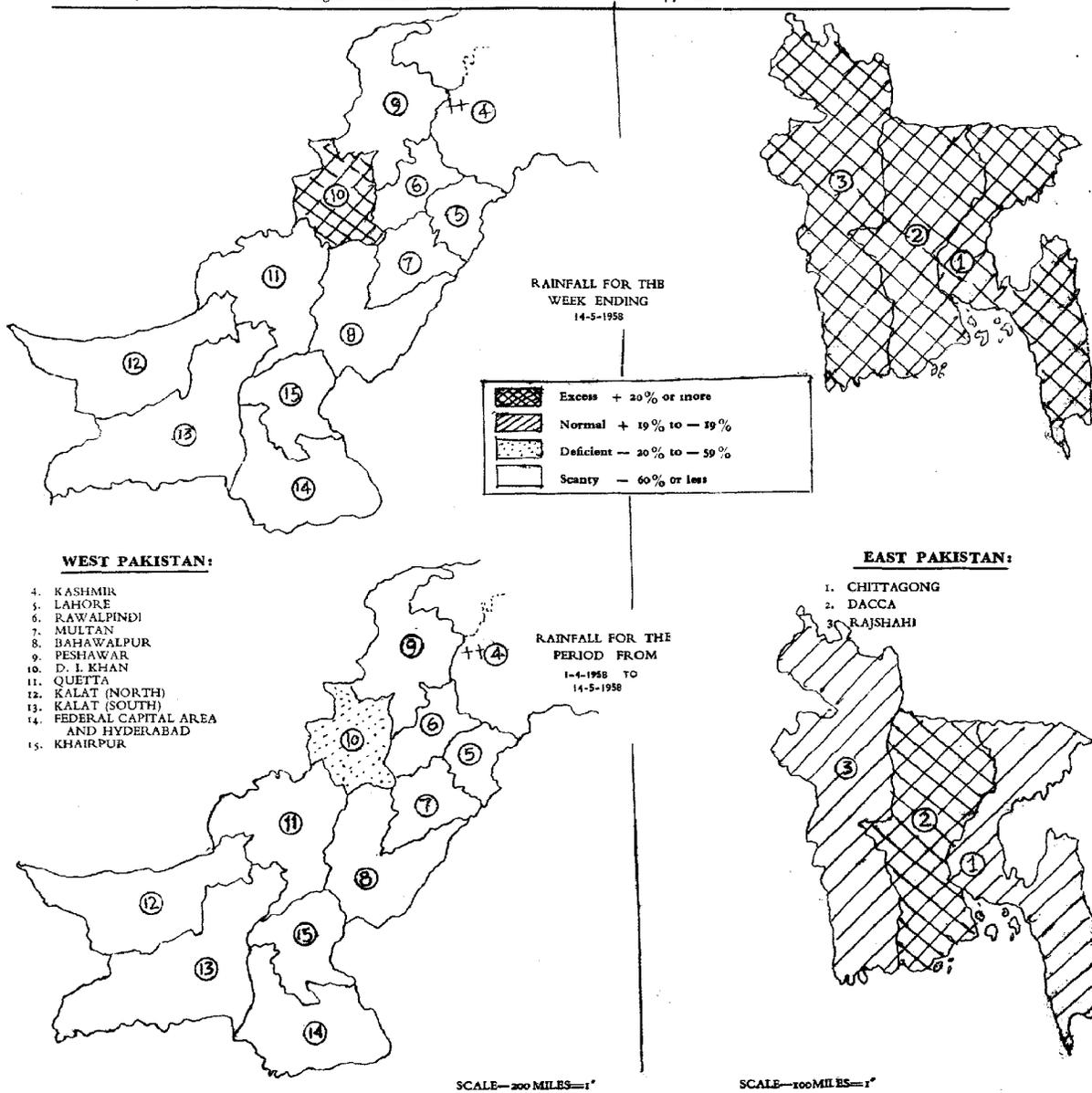
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 14th May, 1958.			Rainfall for period from 1st April, 1958 to 14th May, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	4.2	2.6	+ 1.6	9.3	11.4	- 2.1	- 19
2. Dacca	4.0	2.3	+ 1.7	12.1	9.1	+ 3.1	+ 34
3. Rajshahi	2.1	1.7	+ 0.4	5.9	5.9	0	—
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	- 0.3	0.2	1.2	- 1.0	- 87
6. Rawalpindi	0	0.5	- 0.5	1.0	3.0	- 2.0	- 66
7. Multan	0	0.1	- 0.1	0	0.5	- 0.5	- 98
8. Bahawalpur	0	0	0	0	0.3	- 0.3	- 100
9. Peshawar	0	0.5	- 0.5	0.4	2.8	- 2.5	- 87
10. D. I. Khan	0.3	0.1	+ 0.1	0.7	1.2	- 0.5	- 41
11. Quetta	0	0.1	- 0.1	0.1	2.6	- 2.4	- 94
12. Kalat (North)	0	0.1	- 0.1	0.1	0.5	- 0.4	- 86
13. Kalat (South)	0	0	0	0	0.5	- 0.5	- 100
14. F. C. A. & H ² Bad.	0	0	0	0	0.2	- 0.2	- 100
15. Khairpur	0	0.1	- 0.1	0	0.3	- 0.3	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".

† Rainfall of stations having no normals is not included.

†† Data not available.



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 21st May, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's low pressure wave over sub-Himalayan West Bengal moved away eastwards on the first day of the week after causing local thunderstorms or showers in Rajshahi division and scattered elsewhere over East Pakistan.

Another low pressure wave moved thereafter across north Bihar to Assam between the 16th and the 18th and caused scattered thunderstorms or showers in Rajshahi and Chittagong divisions during the first two days.

A depression formed over the central and adjoining north Bay of Bengal and was centred at 0300 G.M.T. on the 17th within one degree of latitude 18°N and longitude 88°E. It moved initially northwards and then northeastwards and concentrated into a cyclonic storm created the next morning within half a degree of latitude 21°N and longitude 90°E.

In association with the low pressure wave over Assam it caused fairly widespread rain in Dacca and Chittagong divisions and local in Rajshahi division on the 18th.

Thereafter, it moved further northeastwards crossed the coast, weakened rapidly into a shallow depression and lay over Assam on the 19th morning after causing widespread rain with a few moderate to heavy falls in Dacca and Chittagong divisions and scattered in Rajshahi division.

Only scattered thunderstorms or showers were reported from the region during the last two days of the week.

Chief amounts of rainfall recorded were : Comilla $\frac{1}{4}$ " on the 15th; Dinajpur 1" on the 16th; Cox's Bazar 1" on the 17th; Barisal 3", Khulna 2", Satkhira, Cox's Bazar and Majdee Court $1\frac{1}{2}$ " each and Srimangal and Chittagong 1" each on the 18th; Majdee Court 6", Comilla and Narayanganj 3" each, Barisal, Cox's Bazar and Srimangal 2" each, Khulna $1\frac{1}{2}$ " and Chittagong, Dacca and Brahmanbaria 1" each on the 19th and Srimangal $\frac{1}{2}$ " on the 20th.

Day temperatures were appreciably above normal over the region on the 18th and in the northern parts only on the 21st while during the rest of the week they were practically normal.

WEST PAKISTAN : Last week's western disturbance to the north of Kashmir moved away on the first day of the week while its secondary moved away across Rawalpindi division by the next morning. Also a low pressure area appeared over Khairpur division on the first day and weakened into a trough over northeast Rajasthan by the following morning.

They caused dust or thunderstorms over the whole of West Pakistan outside north Kalat, D.I. Khan and Hyderabad divisions and the Federal Capital Area during the first two days of the week and local showers in Peshawar and Rawalpindi divisions on the 15th.

Thereafter, except for scattered showers in D.I. Khan division and duststorms in Peshawar division on the 17th under the influence of a western disturbance which moved northeastwards across these divisions, the weather remained dry till the 19th.

Two western disturbances moved in close succession during the last two days of the week, the first across Peshawar division and Kashmir and the other across the former where it lay on the last day with its associated trough extending to Quetta division.

They caused local dust and thunderstorms practically throughout the northern half of the region and in Kalat and Khairpur divisions and scattered showers in Peshawar, D.I. Khan and south Kalat divisions during the above period.

Chief amounts of rainfall recorded during the week were: Murree $\frac{1}{4}$ " on the 15th; Wana $\frac{1}{4}$ " on the 17th and Kakul and Lasbela $\frac{1}{4}$ " each on the 21st.

Day temperatures were considerably below normal over the northern half of the region on the 15th and the 16th and markedly so over there on the 17th. They were markedly above normal in south Kalat, Khairpur and Hyderabad divisions and the Federal Capital Area during the first four days of the week.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on two days and scattered on three days.

DACCA DIVISION : Rainfall was nearly general on two days and scattered on one day.

RAJSHAH DIVISION : Local rain fell on two days and scattered on three days.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Local rain fell on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was local and scattered on one day each.

D. I. KHAN DIVISION : Scattered rain fell on two days.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Scattered rain fell on one day.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals the week's rainfall was in large excess in Rajshahi and Rawalpindi divisions, in excess in Chittagong and Dacca divisions and deficient in Peshawar division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st April, 1958 to date was normal in East Pakistan, deficient in Rawalpindi and D.I. Khan divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan, both for the week and for the period from 1st April, 1958 to date.

KARACHI-11

The 21st May, 1958.

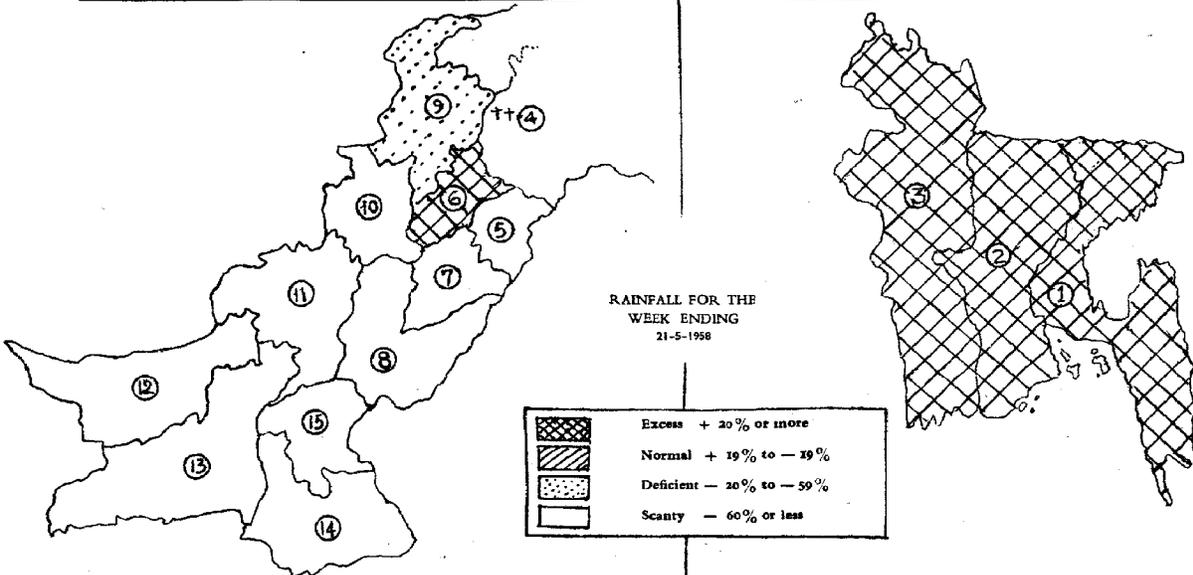
M. A. QUADIR,

for Director, Meteorological Service.

WEEKLY WEATHER REPORT

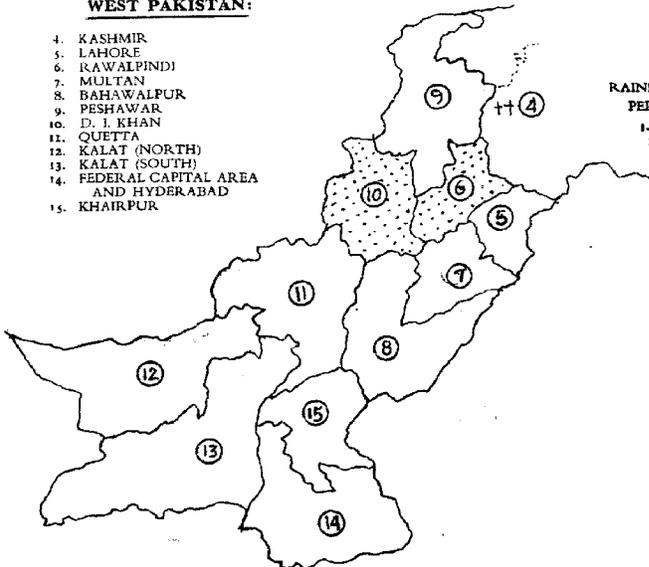
Division.	Rainfall for week ending on 21st May, 1958.			Rainfall for period from 1st April, 1958 to 21st May, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	3.3	2.5	0.9	12.6	13.8	- 1.2	- 9
2. Dacca	2.1	1.7	0.3	14.2	10.8	3.4	3
3. Rajshahi	1.1	0.6	0.6	7.1	6.5	0.6	9
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	- 0.2	0.2	1.3	- 1.2	- 88
6. Rawalpindi	0.9	0.3	0.6	2.0	3.3	- 1.4	- 41
7. Multan	0	0.1	- 0.1	0	0.6	- 0.6	- 98
8. Bahawalpur	0	0.1	- 0.1	0	0.3	- 0.3	- 100
9. Peshawar	0.1	0.2	- 0.1	0.5	3.0	- 2.6	- 84
10. D. I. Khan	0	0.1	- 0.1	0.7	1.3	- 0.6	- 47
11. Quetta	0	0.1	- 0.1	0.1	2.7	- 2.5	- 94
12. Kalat (North)	0	0.1	- 0.1	0.1	0.6	- 0.5	- 87
13. Kalat (South)	0	0	- 0.1	0	0.5	- 0.5	- 100
14. F. C. A. & H'Bad.	0	0.1	- 0.1	0	0.3	- 0.3	- 100
15. Khairpur	0	0	0	0	0.3	- 0.3	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEST PAKISTAN:

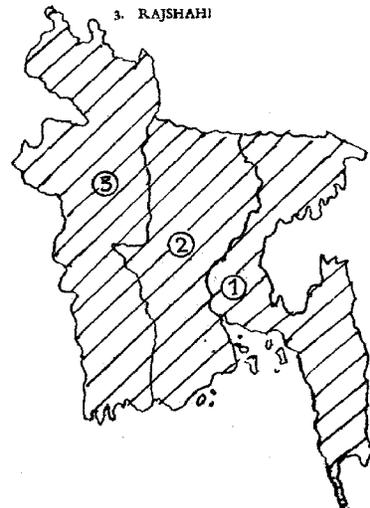
4. KASHMIR
5. LAHORE
6. RAWALPINDI
7. MULTAN
8. BAHAWALPUR
9. PESHAWAR
10. D. I. KHAN
11. QUETTA
12. KALAT (NORTH)
13. KALAT (SOUTH)
14. FEDERAL CAPITAL AREA AND HYDERABAD
15. KHAIRPUR



SCALE—200 MILES—1"

EAST PAKISTAN:

1. CHITTAGONG
2. DACCA
3. RAJSHAHI



SCALE—100 MILES—1"

RAINFALL FOR THE
PERIOD FROM
1-4-1958 TO
21-5-1958

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 28th May, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Two westerly low pressure waves moved from sub-Himalayan West Bengal to Assam during the first four days of the week and caused scattered rain in Rajshahi division on the 22nd and scattered thunderstorms in Chittagong division on the 24th.

Dry weather prevailed over the region during the rest of the week except on the last day when scattered thunderstorms occurred in Chittagong division under the influence of a westerly low pressure wave which appeared over West Bengal.

Rangpur recorded $1\frac{1}{2}$ " rain on the 22nd and Sylhet $1\frac{1}{2}$ " on the 28th.

Day temperatures were markedly above normal in Rajshahi division between the 25th and the 28th.

WEST PAKISTAN : Last week's western disturbance over Peshawar division persisted on the first day of the week and then moved eastwards across Kashmir by the 24th while its associated trough moved away across Khairpur division and northeast Rajasthan. Another low pressure area appeared over north Kalat division on the 22nd and gradually moved across D.I. Khan and Multan divisions by the 26th.

They caused thunderstorms or showers practically over the whole of the region outside Bahawalpur and Hyderabad divisions and the Federal Capital Area during the first two days of the week, locally in Peshawar division on the 24th and at a few places in Rawalpindi and Lahore divisions during the next two days.

A fresh western disturbance moving from D.I. Khan division to Peshawar division and neighbourhood between the 26th and the 28th caused scattered duststorms or thunderstorms in Peshawar, Rawalpindi, Multan and Lahore divisions during the last two days.

Chief amounts of rainfall during the week were :—Hindubagh and Quetta $\frac{1}{4}$ " each on the 22nd and Drosh $1\frac{1}{2}$ " on the 23rd and $\frac{1}{4}$ " on the 24th.

Day temperatures were considerably below normal practically throughout the western half of the region on the 22nd and the 23rd and markedly so over there on the 24th, in north Kalat division on the 25th and in Lahore, Quetta, Khairpur and Kalat divisions during the last two days of the week.

2. **CHITTAGONG DIVISION :** Scattered rain fell on one day.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Rainfall was scattered on one day.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Weather remained dry.

MULTAN DIVISION : Scattered rain fell on one day.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on three days.

D. I. KHAN DIVISION : Scattered rain fell on two days.

QUETTA DIVISION : Rainfall was local on one day.

KALAT (NORTH) DIVISION : Rainfall was scattered on one day.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Kalat (North) division, in excess in Quetta division, normal in Rajshahi, Kalat (South) and Khairpur divisions, deficient in Multan division and scanty in Lahore, Rawalpindi and Peshawar divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st April, 1958 to date was normal in Dacca and Quetta divisions, deficient in Chittagong, Rajshahi, Rawalpindi, D.I. Khan and Kalat (North) divisions and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st April, 1958 to date.

KARACHI-11

The 28th May, 1958.

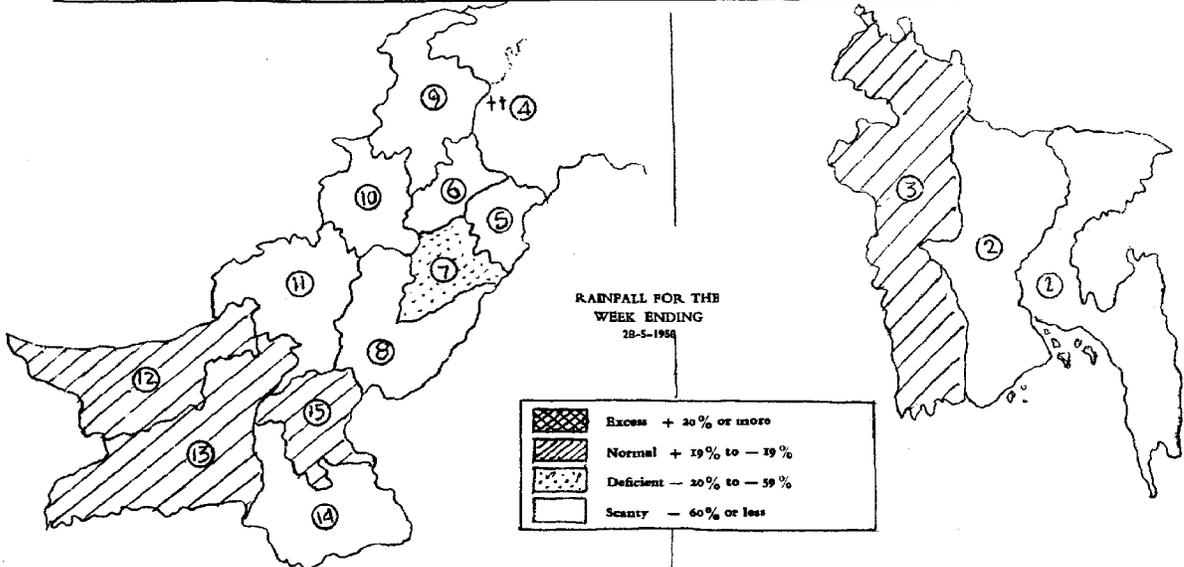
SIBTE NABI NAQVI.

for Director, Meteorological Service.

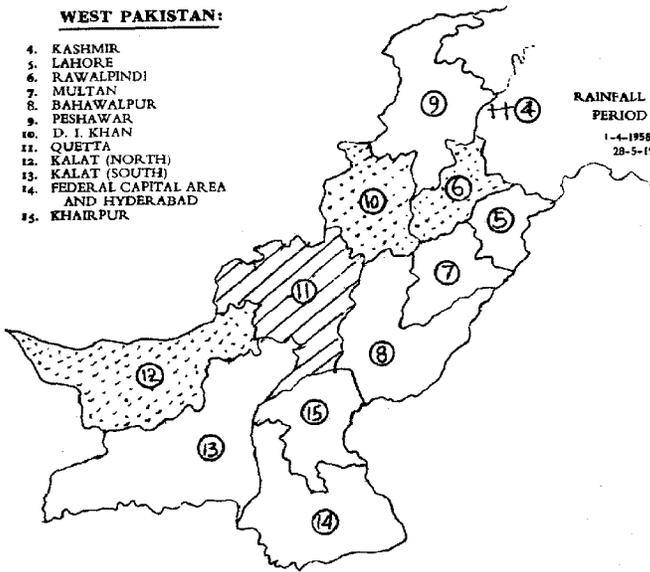
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 28th May, 1958.			Rainfall for period from 1st April, 1958 to 28th May, 1958.			
	† Actual	Normal	* Excess or, defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	2.9	- 2.9	12.6	16.7	- 4.1	- 25
2. Dacca	0	2.8	- 2.8	14.2	13.6	+ 0.6	+ 5
3. Rajshahi	0.2	3.3	- 3.1	7.3	9.8	- 2.5	- 25
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	- 0.1	0.2	1.5	- 1.3	- 87
6. Rawalpindi	0	0.4	- 0.4	2.0	3.7	- 1.7	- 47
7. Multan	0	0.1	- 0.1	0.1	0.7	- 0.7	- 93
8. Bahawalpur	0	0.1	- 0.1	0	0.4	- 0.4	- 100
9. Peshawar	0	0.2	- 0.1	0.5	3.2	- 2.7	- 84
10. D. I. Khan	0	0.1	- 0.1	0.7	1.4	- 0.7	- 51
11. Quetta	0.2	0.1	+ 0.1	0.3	2.8	- 2.5	- 9
12. Kalat (North)	0.2	0	+ 0.2	0.2	0.6	- 0.3	- 58
13. Kalat (South)	0	0	0	0	0.5	- 0.5	- 100
14. F. C. A. & H'Bad.	0	0	0	0	0.3	- 0.3	- 100
15. Khairpur	0	0	0	0	0.3	- 0.3	- 100
16. Junagadh ††	—	—	—	—	—	—	—

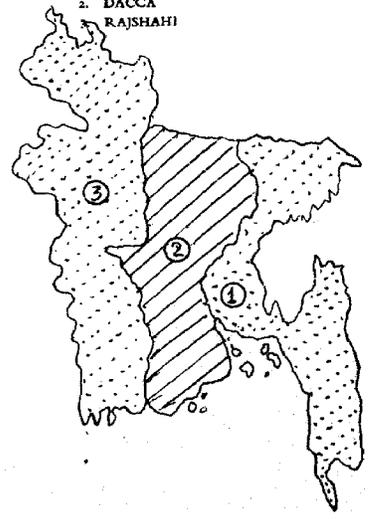
* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR



- 1. CHITTAGONG
- 2. DACCA
- RAJSHAHI



SCALE—200 MILES=1"

SCALE—100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 4th June, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's low pressure wave over West Bengal moved away across Assam on the first day of the week after causing fairly widespread thunderstorms or showers in Dacca division and scattered in Rajshahi division.

Under the influence of a bordering trough scattered thunderstorms or showers continued in Chittagong division during the next three days and in Rajshahi and Dacca divisions between the 31st and the 1st.

Thereafter, a low pressure wave which also moved across West Bengal to Assam during the last three days of the week caused scattered thunderstorms or showers in Dacca and Rajshahi divisions on the 2nd and in Chittagong division on the 3rd.

Chief amounts of rainfall recorded were :—Jessore 1" and Faridpur $\frac{1}{2}$ " on the 29th, Sylhet 1" and Srimangal $\frac{1}{2}$ " on the 31st and Sylhet $\frac{1}{2}$ " on the 1st.

Day temperatures were markedly above normal over the region throughout the week.

WEST PAKISTAN : Last week's western disturbance over Peshawar division moved away eastwards on the first day of the week while another which closely followed it moved away across the north of Kashmir by the next morning after inducing a secondary over Multan division. The latter moved away across Lahore division by the 31st and was closely followed by two westerly low pressure waves which moved away during the next two days, the first across Rawalpindi division and the other across the north of the region. They caused local dust or thunderstorms and a few showers in Peshawar, D. I. Khan, Rawalpindi and Lahore divisions and scattered elsewhere over the region outside Quetta, Kalat and Khairpur divisions during the first four days of the week.

Thereafter, two western disturbances moved in close succession during the last three days, the first across Afghanistan and adjoining areas and the other across the northern parts where it lay on the last day of the week after inducing a low over Quetta and adjoining Multan division. They caused scattered thundershowers in Kalat division on the 3rd and scattered dust or thunderstorms in Rawalpindi, Peshawar, D. I. Khan, Bahawalpur and Hyderabad divisions on the 4th.

Chief amounts of rainfall recorded were :—Hyderabad $\frac{1}{2}$ " on the 30th and Khushab and Kalat $\frac{1}{2}$ " each on the 31st.

Day temperatures were markedly below normal over the northern parts of the region on the 30th, 31st and the 2nd and considerably so over there on the 1st. They were appreciably above normal over the region outside Kalat and Quetta divisions and the Federal Capital Area on the 4th and markedly so in Hyderabad division between the 1st and the 3rd.

2. **CHITTAGONG DIVISION :** Scattered rain fell on four days.

DACCA DIVISION : Rainfall was scattered on two days.

RAJSHAHI DIVISION : Rainfall was scattered on one day.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Rainfall was local on one day and scattered on two days.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on two days.

D. I. KHAN DIVISION : Scattered rain fell on two days.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Scattered rain fell on one day.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Scattered rain fell on one day.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Hyderabad division, normal in Rawalpindi division, deficient in D. I. Khan division and scanty in East Pakistan. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st April, 1958 to 31st May, 1958 was normal in Dacca division, deficient in Chittagong, Rajshahi, Rawalpindi, D. I. Khan and Kalat (North) divisions and in Hyderabad division and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st April, 1958 to 31st May, 1958.

KARACHI-11
The 4th June, 1958.

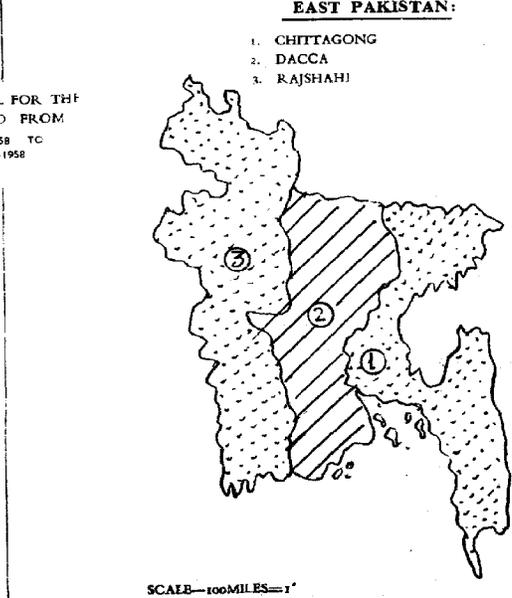
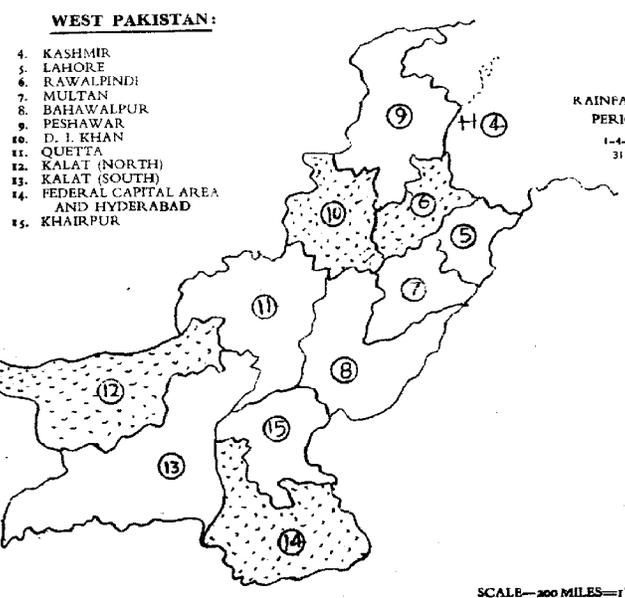
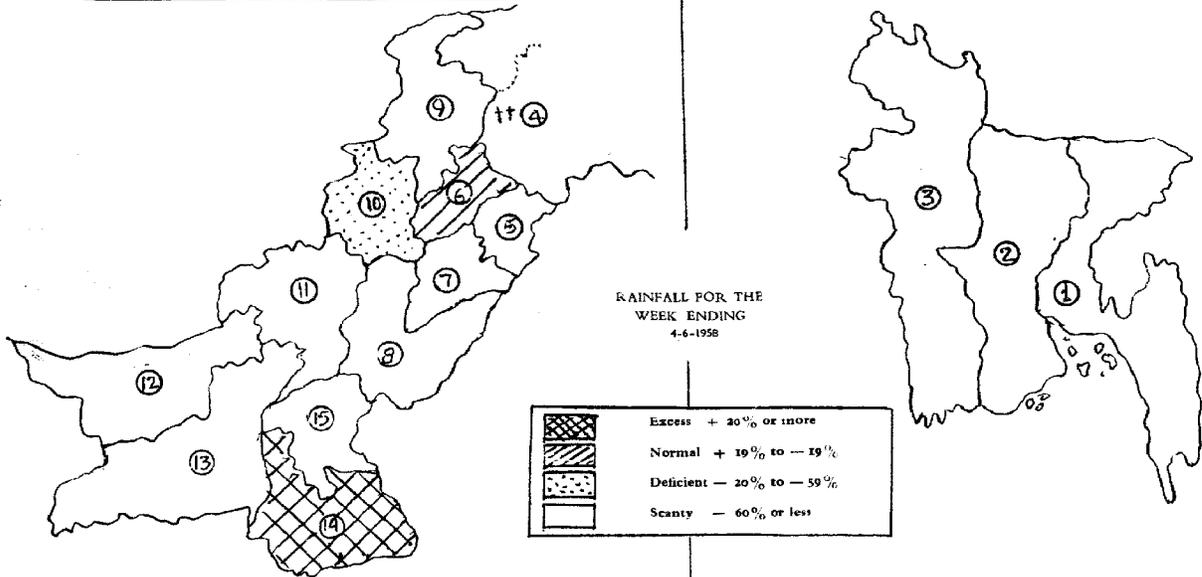
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SIBTE NABI NAQVI,
Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 4th June, 1958.			Rainfall for period from 1st April, 1958 to 31st May, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.2	4.4	- 4.2	12.7	18.7	- 5.9	- 32
2. Dacca	0.5	3.1	- 2.5	14.2	14.9	- 0.7	- 5
3. Rajshahi	0.2	2.8	- 2.6	7.5	11.1	- 3.5	- 32
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.1	- 0.1	0.2	1.6	- 1.4	- 81
6. Rawalpindi	0.3	0.3	0	2.2	3.9	- 1.6	- 42
7. Multan	0	0	0	0.1	0.7	- 0.7	- 93
8. Bahawalpur	0	0	0	0	0.4	- 0.4	- 100
9. Peshawar	0	0.2	- 0.2	0.5	3.3	- 2.8	- 85
10. D. I. Khan	0.1	0.1	0	0.8	1.5	- 0.7	- 48
11. Quetta	0	0.1	- 0.1	0.3	2.9	- 2.5	- 88
12. Kalat (North)	0	0	0	0.2	0.6	- 0.3	- 58
13. Kalat (South)	0	0	0	0	0.5	- 0.5	- 100
14. F. C. A. & H ^o Bad.	0.1	0	+ 0.1	0.1	0.3	- 0.2	- 58
15. Khairpur	0	0	0	0	0.3	- 0.3	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 11th June, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Under the influence of a trough of low bordering East Pakistan, incursion of moist air into the region continued throughout the week. Rainfall or thunderstorm activity was fairly widespread in Dacca division on the 5th and the 7th and in Chittagong division on the 10th and the 11th, local in Dacca and Rajshahi divisions between the 7th and the 10th and scattered over the region during the rest of the week.

Chief amounts of rainfall recorded were :—Faridpur $\frac{1}{2}$ " on the 5th ; Dinajpur and Rangpur $1\frac{1}{4}$ " each on the 6th ; Narayanganj 2" and Majdee Court, Dinajpur and Sirajganj $1\frac{1}{2}$ " each on the 7th ; Narayanganj and Bogra 1" each and Sirajganj $\frac{1}{2}$ " on the 9th and Narayanganj and Jessore 1" each and Srimangal $\frac{1}{2}$ " on the 10th and Cox's Bazar 2" on the 11th.

Day temperatures were appreciably to markedly above normal over East Pakistan throughout the week.

WEST PAKISTAN : Last week's western disturbance over the north of Afghanistan moved away across Kashmir by the 6th while the low over Quetta division moved to the Bharati Punjab hills with its associated trough moving into Rajasthan where it persisted till the 7th. Simultaneously another western disturbance appeared over the north of Peshawar division on the 6th and rapidly moved away northwards by the following morning. They caused scattered dust or thunderstorms practically over the whole of West Pakistan outside Quetta and Kalat divisions and the Federal Capital Area and scattered showers in Peshawar division during the first three days of the week.

Thereafter, two western disturbances moved in close succession across the north of the region during the last four days of the week. A trough of low associated with the first moved away across D. I. Khan and Rawalpindi divisions while the one associated with the second moved from across north Kalat division to Peshawar division where it lay on the last day of the week. They caused scattered dust or thunderstorms practically over the whole of West Pakistan outside south Kalat and Hyderabad divisions and the Federal Capital Area and a few showers in D. I. Khan and Rawalpindi divisions between the 8th and the 11th.

Chief amounts of rainfall recorded were :—Drash $\frac{1}{2}$ " on the 7th and Jhelum and Loralai $\frac{1}{2}$ " each on the 9th.

Day temperatures were appreciably above normal over the region outside Quetta and north Kalat divisions on the 5th and in Peshawar, D. I. Khan and Lahore divisions on the 11th and markedly so in Hyderabad division during the first four days of the week.

2. **CHITTAGONG DIVISION :** Local rain fell on one day and scattered on five days.

DACCA DIVISION : Rainfall was fairly widespread on one day, local on two days and scattered on three days.

RAJSHAHI DIVISION : Local and scattered rain fell on three days each.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Scattered rain fell on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on one day.

D. I. KHAN DIVISION : Scattered rain fell on one day.

QUETTA DIVISION : Scattered rain fell on one day.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals the week's rainfall was deficient in Dacca and Rajshahi divisions and scanty in Chittagong division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1958 to date was deficient in Dacca, Rajshahi, Rawalpindi, D. I. Khan and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

KARACHI-11
The 11th June, 1958.

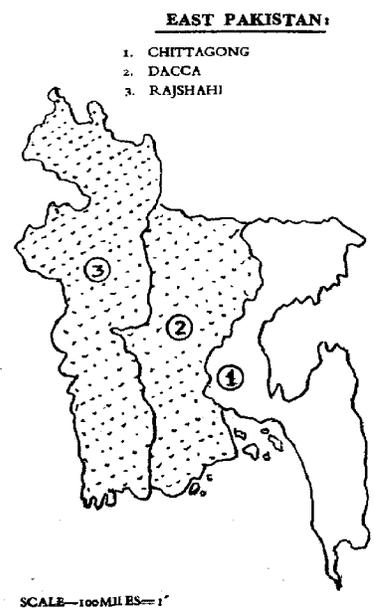
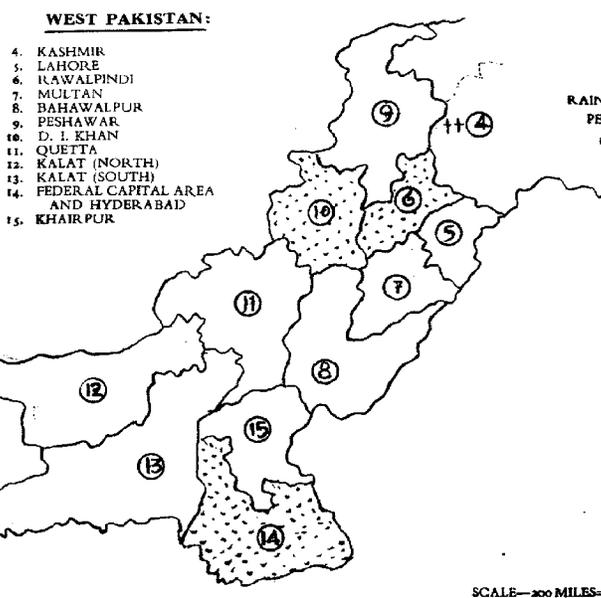
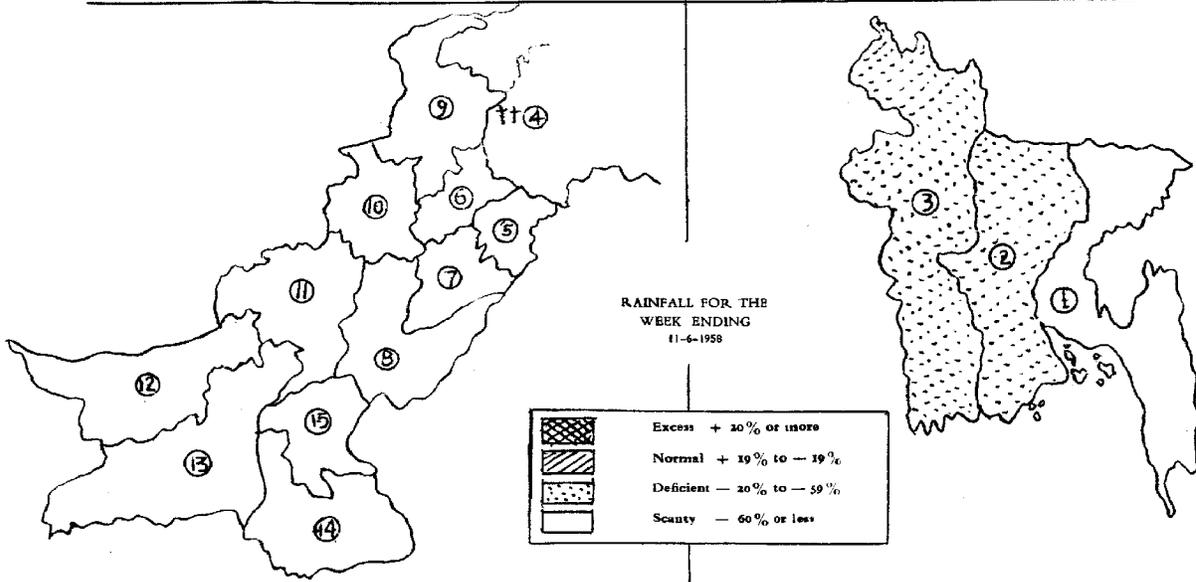
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SIBTE NABI NAQVI.
Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 11th June, 1958.			Rainfall for period from 1st June, 1958 to 11th June, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	1.5	3.9	- 2.4	1.6	6.3	- 4.8	- 75
2. Dacca	2.3	3.2	- 0.9	2.3	4.9	- 2.6	- 52
3. Rajshahi	1.6	2.5	- 0.9	1.8	4.0	- 2.2	- 55
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.1	- 0.1	0	0.2	- 0.2	- 100
6. Rawalpindi	0	0.3	- 0.3	0.2	0.5	- 0.2	- 51
7. Multan	0	0.1	- 0.1	0	0.1	- 0.1	- 100
8. Bahawalpur	0	0	0	0	0	0	- 100
9. Peshawar	0	0.2	- 0.2	0	0.3	- 0.3	- 100
10. D. I. Khan	0	0.1	- 0.1	0.1	0.1	- 0.1	- 55
11. Quetta	0	0.1	- 0.1	0	0.1	- 0.1	- 100
12. Kalat (North)	0	0	0	0	0	0	- 100
13. Kalat (South)	0	0	0	0	0	0	- —
14. F. C. A. & H'Bad.	0	0	0	0	0	0	- 33
15. Khairpur	0	0	0	0	0	0	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



SCALE—200 MILES—1"

SCALE—100 MILES—1"



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 18th June, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : A westerly low pressure wave moved slowly from West Bengal to Assam during the first five days of the week and caused local thunderstorms or showers in Dacca and Chittagong divisions and scattered in Rajshahi division on the 12th and the 15th and scattered thunderstorms or showers over the region on other days.

Thereafter, under the influence of a well marked trough of low extending from Orissa to the north Bay of Bengal, monsoon advanced into East Pakistan and caused pronounced wet weather in Dacca and Chittagong divisions and local rainfall in Rajshahi division.

Chief amounts of rainfall recorded during the week were : Brahmanbaria 2" ; Mymensingh 1" and Comilla ½" on the 12th ; Rangpur 1", Majdee Court and Khulna ¾" each on the 13th ; Sylhet 3" on the 14th ; Sylhet and Srimangal 2" each ; Mymensingh 1½" and Dacca 1" on the 15th ; Rangpur 3" on the 16th ; Chittagong and Sirajganj 1" each on the 17th and Cox's Bazar 4" ; Chittagong 3" ; Srimangal and Sirajganj 2" each and Sylhet 1½" on the 18th.

Day temperatures were appreciably above normal over the region practically throughout the week.

WEST PAKISTAN : Last week's trough of low pressure over Peshawar division moved away eastwards on the first day of the week while the low over Quetta division moved away across Kashmir by the 14th morning. They caused scattered dust or thunderstorms in Rawalpindi, Multan and Quetta divisions on the 12th and fairly widespread thundershowers in Lahore division and dust or thunderstorms locally in Rawalpindi and Multan divisions on the 13th.

Two western disturbances moved thereafter in close succession during the next four days, the first across the north of the region and the other across Peshawar division and Kashmir. They caused dust or thunderstorms locally or at a few places in D.I. Khan, Peshawar, Rawalpindi, Bahawalpur and Khairpur divisions and thundershowers in Quetta and Kalat divisions between the 14th and the 17th.

A western disturbance approached the extreme north of West Pakistan on the last day of the week and caused local dust or thunderstorms in Peshawar division and scattered in Lahore and Rawalpindi divisions and a few showers in D.I. Khan and Peshawar divisions on the same day.

Chief amounts of rainfall recorded were : Lahore and Sialkot ½" each on the 13th and Fort Sandeman ¼" on the 14th.

Day temperatures were markedly above normal in the northern divisions of West Pakistan during the last three days of the week.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on one day and local and scattered on three days each.

DACCA DIVISION : Nearly general rain fell on one day, local on three days and scattered on one day.

RAJSHAHI DIVISION : Scattered rain fell on six days.

KASHMIR : Data not available.

LAHORE DIVISION : Rainfall was nearly general on one day.

RAWALPINDI DIVISION : Scattered rain fell on one day.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on one day.

D. I. KHAN DIVISION : Scattered rain fell on one day.

QUETTA DIVISION : Rainfall was scattered on two days.

KALAT (NORTH) DIVISION : Local rain fell on one day.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Quetta and Kalat (North) divisions, in excess in Lahore division, deficient in Chittagong, Rajshahi, Peshawar and D.I. Khan divisions and scanty in Dacca, Rawalpindi and Multan divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st June, 1958 to date was in large excess in Quetta and Kalat (North) divisions, normal in Lahore division, deficient in East Pakistan and D.I. Khan division and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

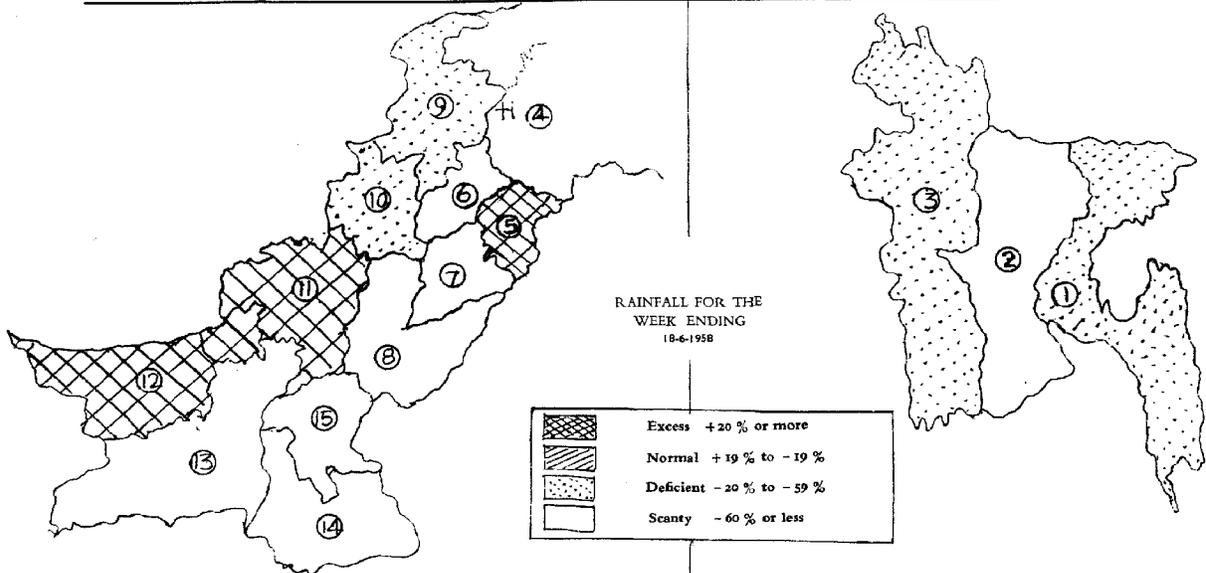
KARACHI-11 }
The 18th June, 1958. }

SIBTE NABI NAQVI.
Director, Meteorological Service.

WEEKLY WEATHER REPORT

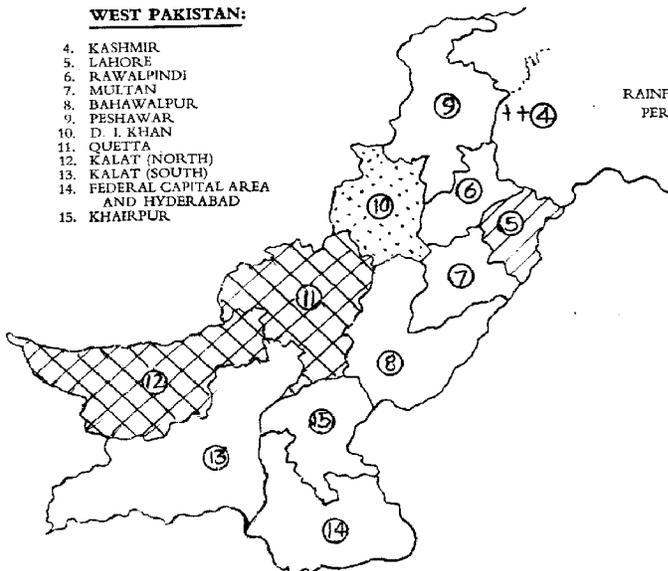
Division.	Rainfall for week ending on 18th June, 1958.			Rainfall for period from 1st June, 1958 to 18th June, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	3.3	5.2	- 1.8	4.9	11.5	- 6.6	- 57
2. Dacca	1.3	3.4	- 2.1	3.7	8.3	- 4.6	- 56
3. Rajshahi	1.5	3.2	- 1.6	3.4	7.2	- 3.8	- 53
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.5	0.3	0	0.5	0.5	0	- 2
6. Rawalpindi	0	0.5	+ 0.1	0.3	1.0	- 0.7	- 74
7. Multan	0	0.3	- 0.5	0	0.4	- 0.4	- 93
8. Bahawalpur	0	0	- 0.3	0	0.1	- 0.1	- 100
9. Peshawar	0	0.1	0	0.1	0.4	- 0.3	- 66
10. D. I. Khan	0.1	0.1	- 0.1	0.1	0.2	- 0.1	- 38
11. Quetta	0.3	0.1	0	0.3	0.2	+ 0.1	+ 79
12. Kalat (North)	0.1	0.1	+ 0.3	0.1	0.1	+ 0.1	+ 150
13. Kalat (South)	0	0	+ 0.1	0	0	0	- 100
14. F. C. A. & H'Bad.	0	0.1	0	0	0.1	- 0.1	- 64
15. Khairpur	0	0	- 0.1	0	0.1	- 0.1	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



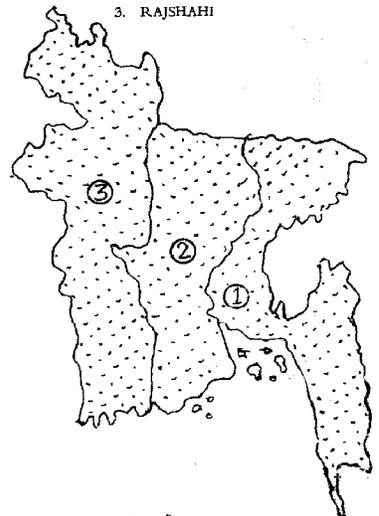
WEST PAKISTAN:

4. KASHMIR
5. LAHORE
6. RAWALPINDI
7. MULTAN
8. BAHAWALPUR
9. PESHAWAR
10. D. I. KHAN
11. QUETTA
12. KALAT (NORTH)
13. KALAT (SOUTH)
14. FEDERAL CAPITAL AREA AND HYDRABAD
15. KHAIRPUR



EAST PAKISTAN:

1. CHITTAGONG
2. DACCA
3. RAJSHAHI



SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 25th June, 1958.

—:O:—

SUMMARY OF WEATHER

EAST PAKISTAN : Pronounced monsoon activity was experienced over East Pakistan during the first four days of the week when fairly widespread rain with locally moderate to heavy falls occurred in Dacca and Chittagong divisions.

Thereafter an easterly low pressure wave moved across the north Bay of Bengal and merged with the seasonal trough of low pressure which extended from Uttar Pradesh to the northwest angle of the Bay on the last day of the week. In its association, scattered or local rain fell in Dacca and Chittagong divisions on the 23rd and fairly widespread light to moderate rain over there and local in Rajshahi division during the next two days.

Chief amounts of rainfall recorded were : Cox's Bazar 7", Dinajpur 2", Chittagong and Rangpur 1½" each on the 19th; Sylhet 13", Cox's Bazar 5", Majdee Court 2" and Chittagong and Mymensingh 1½" each on the 20th; Srimangal and Rangpur 4" each and Cox's Bazar and Bogra 2" each on the 21st; Mymensingh 4", Khulna 3" and Sylhet 2" on the 22nd; Mymensingh 2" and Khulna 1½" on the 24th and Faridpur, Barisal and Sirajganj 1½" each on the 25th.

Day temperatures were appreciably below normal over the northern parts of East Pakistan on the 20th and appreciably above normal over there practically throughout the rest of the week.

WEST PAKISTAN : Last week's western disturbance over the extreme north of West Pakistan and the trough of low pressure over Lahore division moved away eastwards on the first day of the week after causing local dust or thunderstorms in Peshawar division and scattered in Rawalpindi division.

A depression formed off Konkan coast and was centered at 0300 GMT of the 19th within one degree of Latitude 19°N. and Longitude 69°E. It rapidly weakened into a trough after crossing the Kathiawar coast on the night of the 20th.

Thereafter a low which moved from D.I. Khan division to Kashmir, between the 21st and the 23rd caused scattered thunderstorms or light showers in Rawalpindi and Bahawalpur divisions on the 21st and fairly widespread thundershowers in Lahore division and scattered or local dust or thunderstorms in Peshawar, Rawalpindi, Multan and Bahawalpur divisions on the 22nd.

Chief amounts of rainfall recorded were : Lahore 1½" and Sialkot ½" on the 22nd.

Day temperatures were markedly above normal over the northern divisions of West Pakistan during the first three days and the last two days of the week.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on six days and local on one day.

DACCA DIVISION : Nearly general rain fell on three days, local on one day and scattered on two days.

RAJSHAHI DIVISION : Rainfall was nearly general on one day, local on three days and scattered on two days.

KASHMIR : Data not available.

LAHORE DIVISION : Nearly general rain fell on one day.

RAWALPINDI DIVISION : Weather remained dry.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Weather remained dry.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals the week's rainfall was normal in East Pakistan and in Lahore division and scanty in Rawalpindi division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1958 to date was in large excess in Kalat (North) division, normal in Quetta and Lahore divisions, deficient in East Pakistan and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

KARACHI-11
The 25th June, 1958. }

SIBTE NABI NAQVI.
Director, Meteorological Service.

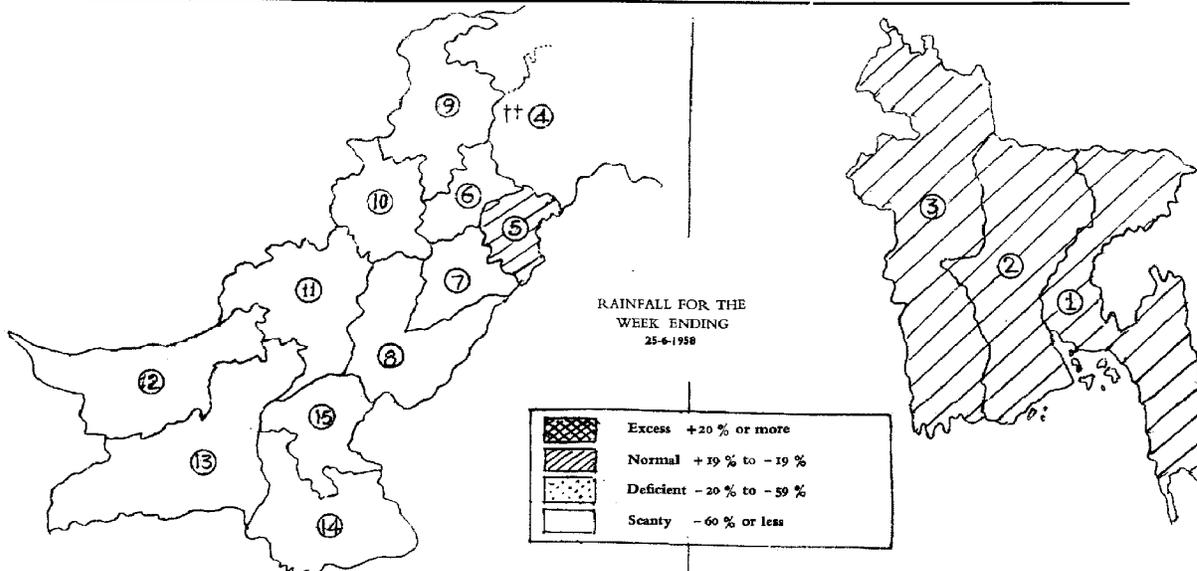
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 25th June, 1958.			Rainfall for period from 1st June, 1958 to 25th June, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	5.7	5.5	+ 0.2	10.6	17.0	- 6.4	- 38
2. Dacca	3.8	3.8	- 0.1	7.5	12.2	- 4.7	- 38
3. Rajshahi	3.5	3.7	- 0.2	6.8	10.8	- 4.0	- 37
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.9	0.9	0	1.3	1.4	- 0.1	- 11
6. Rawalpindi	0	0.7	- 0.7	0.3	1.7	- 1.4	- 87
7. Multan	0	0.3	- 0.3	0	0.7	- 0.7	- 96
8. Bahawalpur	0	0.1	- 0.1	0	0.2	- 0.2	- 100
9. Peshawar	0	0.1	- 0.1	0.1	0.5	- 0.4	- 76
10. D. I. Khan	0	0.3	- 0.3	0.1	0.6	- 0.4	- 74
11. Quetta	0	0.1	- 0.1	0.3	0.3	0	+ 10
12. Kalat (North)	0	0	0	0.1	0.1	+ 0.1	+ 87
13. Kalat (South)	0	0.1	- 0.1	0	0.1	- 0.1	- 100
14. F. C. A. & H*Bad.	0	0.2	- 0.2	0	0.3	- 0.3	- 88
15. Khairpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".

† Rainfall of stations having no normals is not included.

†† Data not available.

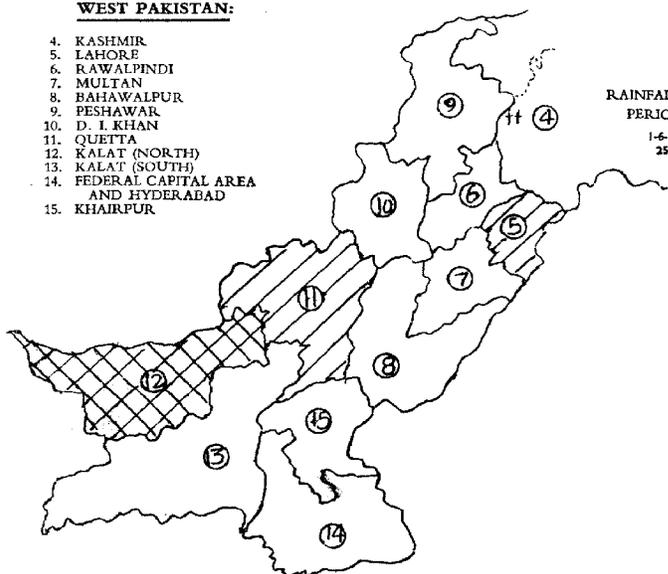


WEST PAKISTAN:

- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI



RAINFALL FOR THE PERIOD FROM
1-6-1958 TO
25-6-1958



SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 2nd July, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Monsoon activity was pronounced over East Pakistan during the first three days of the week when local or fairly widespread rain with a few moderate to heavy falls occurred throughout the region.

Thereafter, monsoon activity gradually decreased and only light to moderate rain fell over the region during the rest of the week.

Chief amounts of rainfall recorded were : Majidee Court 8", Srimangal and Sirajganj 2" each ; Barisal 1½" and Comilla, Sylhet and Dinajpur 1" each on the 26th ; Dinajpur 4", Sylhet and Mymensingh 2" each ; Bogra 1½" and Majidee Court and Comilla 1" each on the 27th ; Majidee Court and Barisal 2" each ; Dinajpur 1½" on the 28th ; Mymensingh 1" on the 29th ; Barisal 4" and Sylhet 1" on the 30th and Dacca ½" on the 1st.

Day temperatures were appreciably above normal over the region during the last four days of the week.

WEST PAKISTAN : A low pressure area which appeared over Multan division on the 27th moved to Bahawalpur division and filled up over there by the 30th after causing local thunderstorms or showers in Lahore, Rawalpindi and Peshawar divisions and scattered in D.I. Khan, Multan and Bahawalpur divisions during the first three days.

Two western disturbances moved thereafter in close succession across the extreme north of the region during the last four days. They caused scattered or local thunderstorms or showers over the northern divisions between the 30th and the 2nd.

A deep depression which developed off Kathiawar coast, was centered at 0300 GMT of the 1st within one degree of Latitude 10½°N and Longitude 69½°E. It moved northwestwards and lay with its centre within one degree of Latitude 21°N and Longitude 67°E on the following morning. It caused scattered thunderstorms in Hyderabad division on the 30th and local thunderstorms or showers and a few dust-storms over the southern half of West Pakistan during the next two days.

Chief amounts of rainfall recorded were : Kakul 1" on the 30th and D.I. Khan ½" and Sialkot and Parachinar ¼" each on the 1st.

Day temperatures were markedly to considerably above normal over the northern divisions during the first two days of the week and in coastal south Kalat division and the Federal Capital Area during the last two days and markedly below normal in D.I. Khan division on the 2nd.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general and local on three days each and scattered on one day.

DACCA DIVISION : Nearly general rain fell on three days, local on one day and scattered on two days.

RAJSHAHI DIVISION : Rainfall was local on four days and scattered on three days.

KASHMIR : Data not available.

LAHORE DIVISION : Local rain fell on three days.

RAWALPINDI DIVISION : Scattered rain fell on three days.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Scattered rain fell on three days.

D. I. KHAN DIVISION : Rainfall was local on one day and scattered on another day.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Rainfall was scattered on one day.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Peshawar and D.I. Khan divisions, normal in Dacca division, deficient in Chittagong, Rajshahi and Lahore divisions and scanty in Rawalpindi, Quetta and Hyderabad divisions and the Federal Capital Area. No rain fell elsewhere in West Pakistan.

Rainfall for the period from 1st June, 1958 to date was in excess in Kalat (North) division, normal in D.I. Khan division, deficient in East Pakistan, Lahore, Peshawar and Quetta divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

KARACHI-11
The 2nd July, 1958.

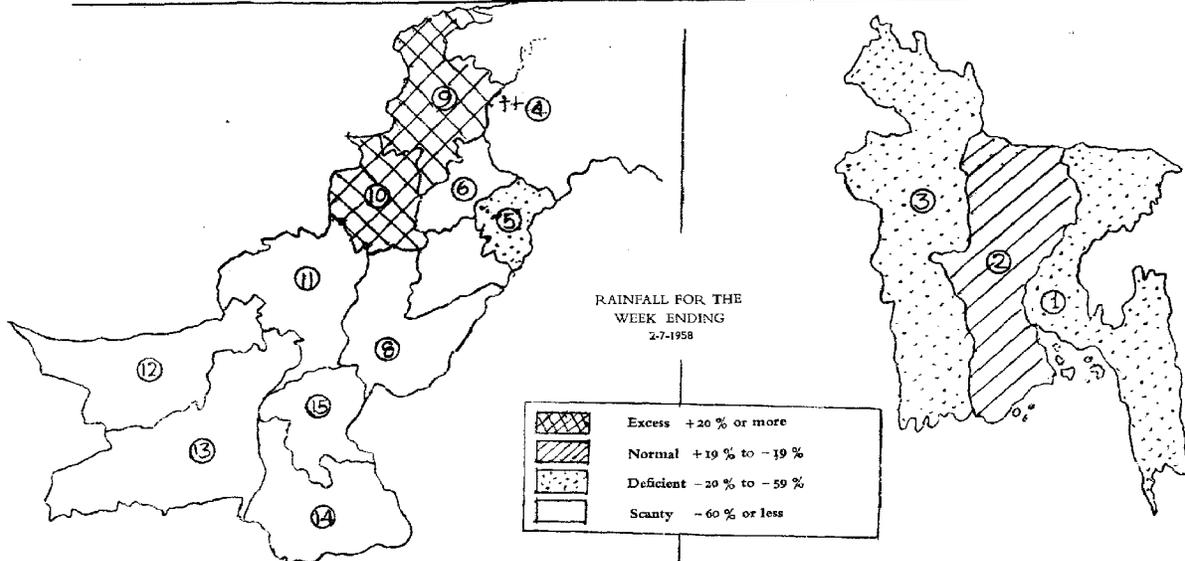
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SIBTE NABI NAQVI,
Director, Meteorological Service.

WEEKLY WEATHER REPORT

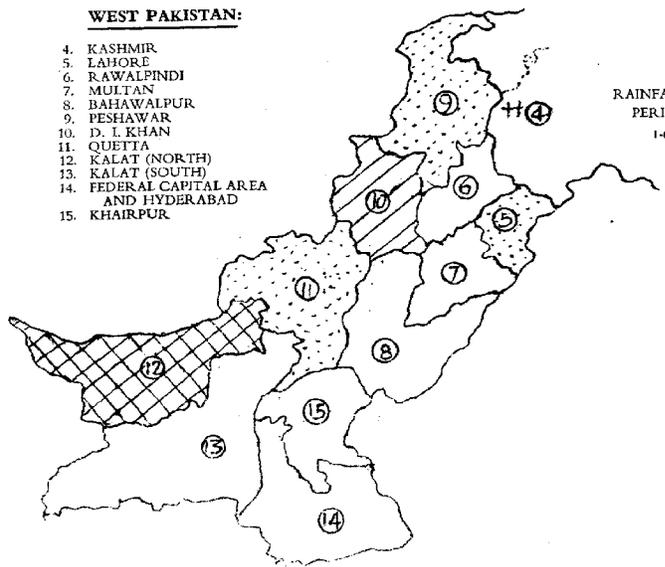
Division.	Rainfall for week ending on 2nd July, 1958.			Rainfall for period from 1st June, 1958 to 2nd July, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	3.4	4.8	- 1.4	14.0	21.8	- 7.8	- 36
2. Dacca	3.3	3.4	- 0.1	10.8	15.6	- 4.9	- 31
3. Rajshahi	2.2	3.5	- 1.3	9.0	14.3	- 5.3	- 37
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.5	1.0	- 0.5	1.8	2.4	- 0.6	- 24
6. Rawalpindi	0.2	1.3	- 1.1	0.5	3.0	- 2.6	- 85
7. Multan	0	0.3	- 0.3	0	1.0	- 1.0	- 97
8. Bahawalpur	0	0.2	- 0.2	0	0.4	- 0.4	- 100
9. Peshawar	0.4	0.2	+ 0.2	0.6	0.8	- 0.2	- 29
10. D. I. Khan	0.5	0.3	+ 0.3	0.7	0.8	- 0.1	- 17
11. Quetta	0	0.1	- 0.1	0.3	0.5	- 0.1	- 24
12. Kalat (North)	0	0	0	0.1	0.1	0	- 36
13. Kalat (South)	0	0.1	- 0.1	0	0.2	- 0.2	+ 100
14. F. C. A. & H'Bad.	0	0.6	- 0.6	0.1	0.9	- 0.9	- 95
15. Khairpur	0	0.2	- 0.2	0	0.3	- 0.3	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEST PAKISTAN:

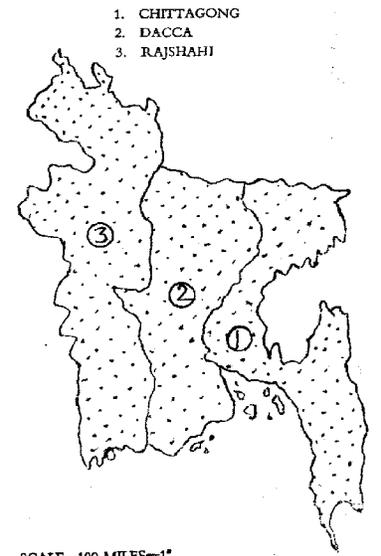
- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR.



SCALE—200 MILES=1"

EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAH



SCALE—100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 9th July, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Monsoon was weak over East Pakistan during the first five days of the week, when only scattered to local rain fell over there.

On the 8th conditions became unsettled in the northwest Bay of Bengal where a depression formed by the following morning with its centre within half a degree of Latitude 21°N. and Longitude 87½°E. It caused fairly widespread rain in Chittagong division and local to scattered in Dacca and Rajshahi divisions during the last two days of the week.

Chief amounts of rainfall recorded were :—Srimangal 1½" and Narayanganj ½" on the 3rd ; Srimangal 1" and Mymensingh ¾" on the 4th ; Rangpur ¾" on the 5th ; Sylhet ½" on the 6th ; Majidce Court ¾" and Brahmanbaria ½" on the 7th ; Dacca 2", Narayanganj 1½" and Majidce Court 1" on the 8th and Cox's Bazar 3" and Sirajganj ¾" on the 9th.

Day temperatures were appreciably above normal over the region practically throughout the week.

WEST PAKISTAN : Last week's western disturbance over the extreme north of West Pakistan moved away eastwards on the first day of the week. The depression which had formed off the Kathiawar coast towards the end of the last week moved northwestwards, weakened and lay as a low in the north Arabian Sea by the morning of the 3rd. The low then moved westnorthwestwards and became unimportant by the 5th morning. Under its influence local thunderstorms occurred in Khairpur and Hyderabad divisions and the Federal Capital Area on the 3rd and scattered thundershowers in south Kalat divisions on the 4th.

Two western disturbances moved thereafter in close succession. The first across the northern divisions and the second across Afghanistan and adjoining Peshawar division where it lay on the last day of the week. These caused wet weather throughout the northern half of West Pakistan and in Khairpur and south Kalat divisions between the 5th and the 9th when fairly widespread rain or thundershowers were reported from Lahore and Rawalpindi divisions and scattered or local from elsewhere.

Chief amounts of rainfall recorded were : Panjgur 2" and Turbat 1" on the 4th ; Sialkot, Jhelum and Rawalpindi ½" each on the 5th ; Murree ¾", Fort Sandeman 1½" and Nawabshah 1" on the 6th ; Lyallpur 2", Jhelum and Rawalpindi 1½" each and Kakul 1" on the 7th ; Rawalpindi 2", Sialkot, Jhelum, Campbellpur and Fort Sandeman 1½" each and Lahore, Murree, Kakul and Ormara 1" each on the 8th and Lyallpur 2" and Hamal 1½" on the 9th.

Day temperatures were appreciably to markedly above normal over the northern divisions on the 4th, 7th and 8th and considerably so in Hyderabad and coastal Kalat divisions on the 3rd and in Peshawar division on the 5th and markedly below normal in Lahore and Rawalpindi divisions on the 6th and considerably so in Peshawar, D.I. Khan, Rawalpindi and Lahore divisions on the 9th.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on two days, local on one day and scattered on four days.

DACCA DIVISION : Local rain fell on four days and scattered on two days.

RAJSHAHI DIVISION : Local rain fell on one day and scattered on five days.

KASHMIR : Data not available.

LAHORE DIVISION : Rainfall was nearly general on one day and local on two days.

RAWALPINDI DIVISION : Nearly general rain fell on four days.

MULTAN DIVISION : Scattered rain fell on two days.

BAHAWALPUR DIVISION : Rainfall was scattered on one day.

PESHAWAR DIVISION : Rainfall was local on one day and scattered on two days.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Rainfall was local on one day and scattered on three days.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Scattered rain fell on four days.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Scattered rain fell on one day.

KHAIRPUR DIVISION : Rainfall was local on one day.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Rawalpindi, Multan and south Kalat divisions, in excess in Quetta division, normal in Lahore division, deficient in Chittagong and Peshawar divisions and scanty elsewhere over the region outside D.I. Khan division from where no rainfall was reported.

Rainfall for the period from 1st June, 1958 to date was in large excess in Quetta and south Kalat divisions normal in Lahore and north Kalat divisions, deficient in East Pakistan and in Rawalpindi, Multan, Peshawar and D.I. Khan divisions and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

KARACHI-11
The 9th July, 1958. }

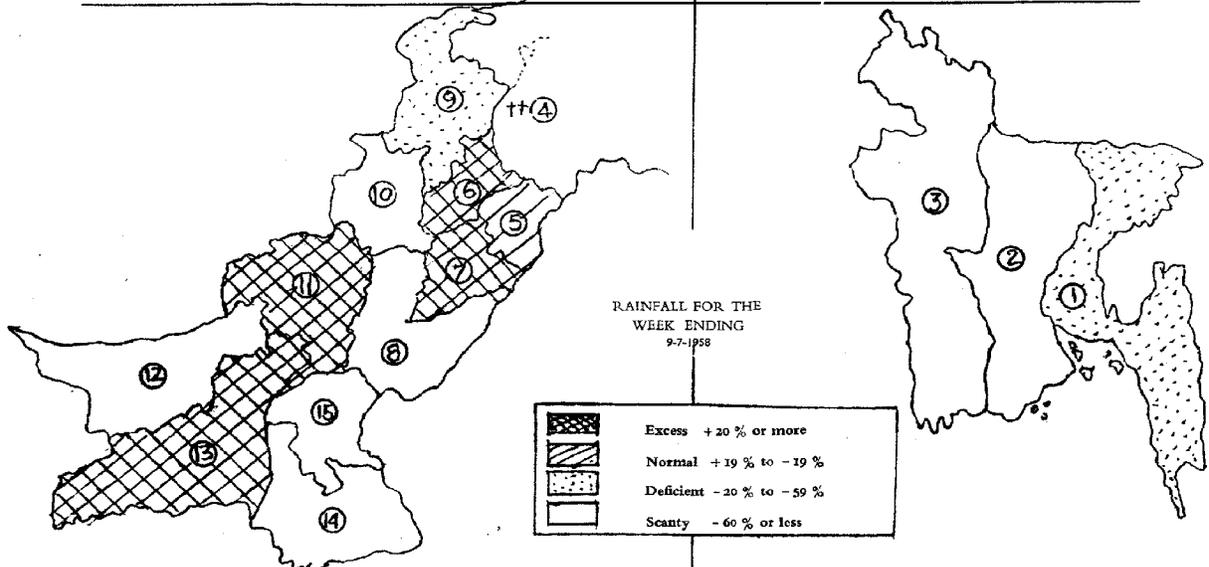
SIBTE NABI NAQVI.

Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 9th July, 1958.			Rainfall for period from 1st June, 1958 9th to July, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.0	4.6	- 2.6	16.0	26.4	- 10.4	- 39
2. Dacca	1.1	3.5	- 2.5	11.9	19.1	- 7.2	- 38
3. Rajshahi	0.7	3.6	- 2.9	9.7	17.9	- 8.2	- 46
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.5	1.6	- 0.1	3.3	4.0	- 0.7	- 17
6. Rawalpindi	2.8	1.5	+ 1.2	3.2	4.6	- 1.3	- 29
7. Multan	1.3	0.7	+ 0.6	1.3	1.7	- 0.4	- 23
8. Bahawalpur	0	0.5	- 0.5	0	0.9	- 0.9	- 100
9. Peshawar	0.2	0.4	- 0.2	0.8	1.1	- 0.4	- 33
10. D. I. Khan	0	0.4	- 0.4	0.7	1.2	- 0.5	- 44
11. Quetta	1.1	0.2	+ 0.9	1.5	0.7	+ 0.8	+ 122
12. Kalat (North)	0	0.1	- 0.1	0.2	0.2	0	- 11
13. Kalat (South)	0.6	0	+ 0.6	0.6	0.2	+ 0.4	+ 186
14. F. C. A. & H'Bad.	0.1	0.5	- 0.3	0.2	1.4	- 1.2	- 87
15. Khairpur	0.1	0.1	- 0.1	0	0.5	- 0.5	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.

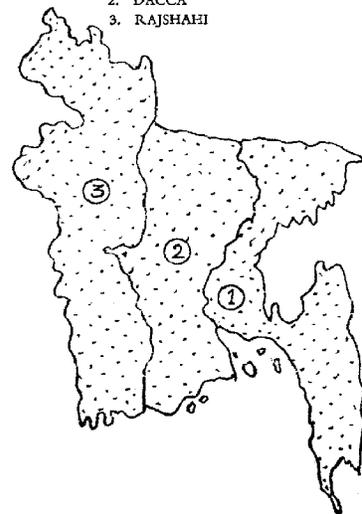
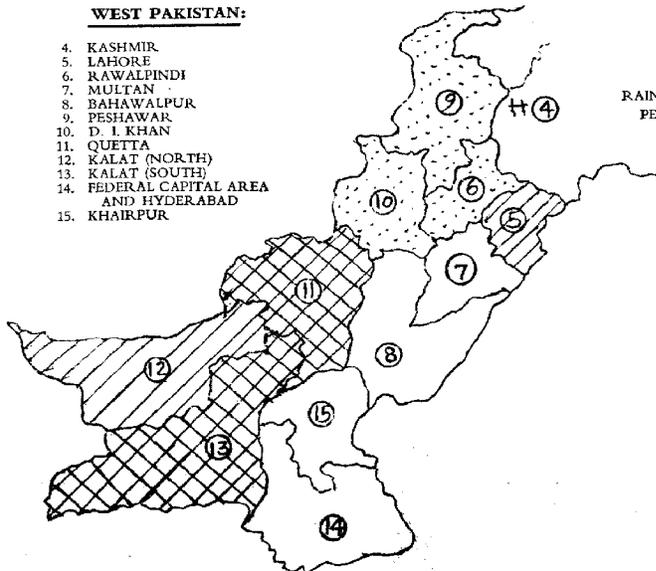


WEST PAKISTAN:

- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

EAST PAKISTAN:

- 1. CHITTAGONG
- 2. DACCA
- 3. RAJSHAHI



SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 16th July, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's depression in the northwest Bay of Bengal crossed Orissa coast during the night of the 9th and lay as a shallow depression with its centre about 60 miles to the west of Jamshedpur at 0300 GMT of the following day. It moved westnorth-westwards thereafter and further weakened into a low over Madhya Pradesh by the 12th morning. This caused fairly widespread rain over the region with locally moderate to heavy falls in Chittagong division on the 10th and the 11th and local rain on the 12th.

Conditions again became unsettled in the northwest Bay of Bengal and concentrated into a shallow depression over there, centred at 0300 GMT of the 15th within one degree of Latitude 21°N. and Longitude 88°E. It remained practically stationary and deepened into a depression by the last day of the week. It caused scattered to local light to moderate rain over the region between the 13th and the 14th and fairly widespread rain in Dacca and Chittagong divisions and local in Rajshahi division during the next two days.

Chief amounts of rainfall recorded were : Cox's Bazar 3" and Mymensingh, Faridpur and Rangpur 1" each on the 10th ; Cox's Bazar 4" and Majjdee Court 3" on the 11th ; Cox's Bazar 2" and Sylhet ½" on the 12th ; Majjdee Court ½" on the 13th and the 14th ; Brahmanbaria 1½" and Chittagong 1" on the 15th and Faridpur and Dinajpur 1" each on the 16th.

Day temperatures were practically normal during the first four days and appreciably above normal during the rest of the week.

WEST PAKISTAN : The Bay depression which formed on the last day of the previous week, moved inland, weakened and lay as a low pressure area over Madhya Pradesh by the 12th. It then moved through South Rajasthan and adjoining Hyderabad division. As it further moved westwards it became well marked and crossed the northern sector of North Arabian Sea to Kalat division where it merged with the seasonal low by the 14th. It caused wet weather practically throughout the southern half of West Pakistan with pronounced rainfall activity in south Kalat and Hyderabad divisions and the Federal Capital Area during the first five days of the week.

Three western disturbances moved across the north of the region during the week, the third one lying to the north of Kashmir on the last day.

The first two moved in close succession between the 10th and the 14th and caused scattered or local rain/thundershowers over the northern divisions on the 11th, fairly widespread rain in Rawalpindi division and scattered in Quetta division on the 13th and scattered in Peshawar or Rawalpindi divisions on other days.

The third was more active and caused pronounced wet weather in Peshawar, Rawalpindi and Lahore divisions and local thunderstorms or showers in Quetta and D.I. Khan divisions during the last two days of the week.

Chief amounts of rainfall recorded were : Badin 2" and Nawabshah 1" on the 10th ; Parachinar 2", Harnai, Hyderabad and Nawabshah 1½" each and Montgomery, Kakul, Kalat and Turbat 1" each on the 11th ; Karachi Airport 1½" and Ormara 1" on the 12th ; Karachi Airport 2" and Panni and Ormara 1½" each on the 13th ; Karachi Airport 1" on the 14th ; Sialkot, Murree and Kakul 2" each on the 15th and Cherat 4", Campbellpur 3" and Chakdara 1" on the 16th.

Day temperatures were markedly below normal over the northern divisions on the 10th and the 11th, over the southern divisions on the 14th and considerably below normal in Lahore, Rawalpindi and Hyderabad divisions on the 16th. They were markedly above normal in Peshawar and Rawalpindi divisions on the 12th and the 15th.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general and scattered on three days each and local on one day.

DACCA DIVISION : Rainfall was nearly general on four days, local on two days and scattered on one day.

RAJSHAHI DIVISION : Nearly general rain fell on two days, local on three days and scattered on one day.

KASHMIR : Data not available.

LAHORE DIVISION : Nearly general and local rain fell on one day each.

RAWALPINDI DIVISION : Nearly general rain fell on three days, local on one day and scattered on two days.

MULTAN DIVISION : Scattered rain fell on one day.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was local on two days and scattered on three days.

D. I. KHAN DIVISION : Scattered rain fell on one day.

QUETTA DIVISION : Rainfall was local on two days and scattered on one day.

KALAT (NORTH) DIVISION : Scattered rain fell on two days.

KALAT (SOUTH) DIVISION : Local and scattered rain fell on two days each.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Rainfall was nearly general and scattered on two days each and local on one day.

KHAIRPUR DIVISION : Local rain fell on one day and scattered on three days.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Peshawar, Quetta, Kalat and Hyderabad divisions and the Federal Capital Area, normal in Dacca, Chittagong, Lahore and Rawalpindi divisions, deficient in Rajshahi and Multan divisions and scanty elsewhere.

Rainfall for the period from 1st June, 1958 to date was in large excess in Quetta and Kalat divisions, in excess in Peshawar division, normal in Lahore and Hyderabad divisions and the Federal Capital Area, deficient in East Pakistan, Rawalpindi and Multan divisions and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

KARACHI-11

The 16th July, 1958.

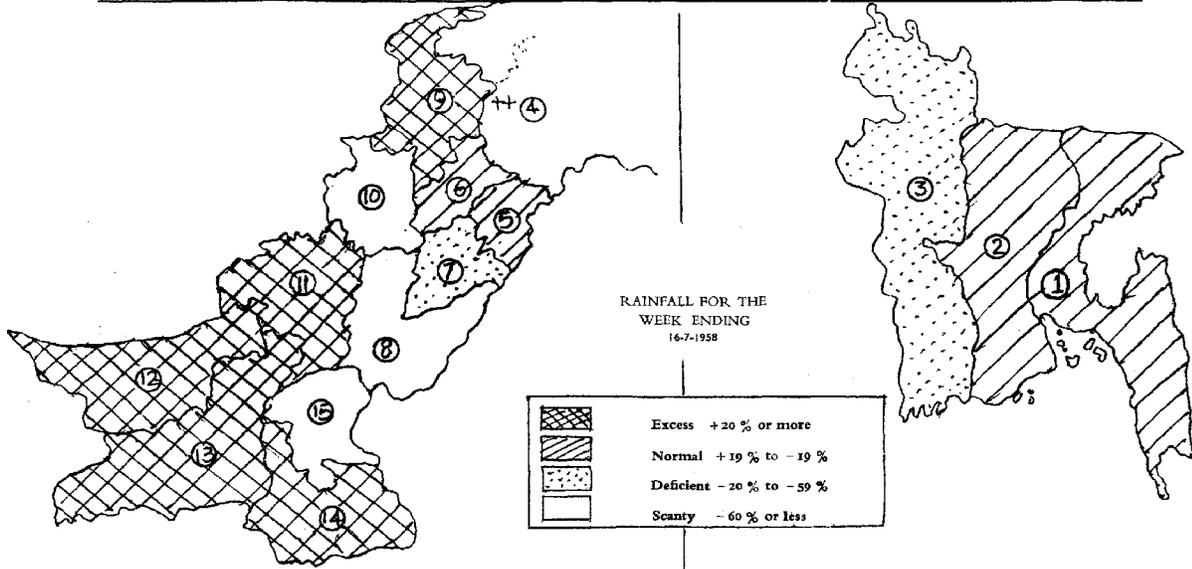
SIBTE NABI NAQVI.

Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 16th July, 1958.			Rainfall for period from 1st June, 1958 16th to July, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	3.7	4.1	- 0.4	19.7	30.6	- 10.8	- 35
2. Dacca	2.6	3.0	- 0.4	14.5	22.1	- 7.6	- 35
3. Rajshahi	1.6	2.8	- 1.4	11.3	20.8	- 9.5	- 46
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.3	1.6	- 0.3	4.7	5.6	- 0.9	- 16
6. Rawalpindi	1.6	1.8	- 0.2	4.8	6.3	- 1.6	- 25
7. Multan	0.3	0.5	- 0.2	1.7	2.2	- 0.5	- 25
8. Bahawalpur	0	0.4	- 0.4	0	1.3	- 1.3	- 99
9. Peshawar	1.9	0.9	+ 0.9	2.6	2.1	+ 0.5	+ 26
10. D. I. Khan	0	0.5	- 0.5	0.7	1.7	- 1.0	- 60
11. Quetta	0.7	0.3	+ 0.4	2.2	1.0	+ 1.2	+ 129
12. Kalat (North)	0.8	0.1	+ 0.7	0.9	0.3	+ 0.7	+ 252
13. Kalat (South)	2.0	0.1	+ 1.8	2.6	0.4	+ 2.2	+ 619
14. F. C. A. & H'Bad.	2.0	0.9	+ 1.1	2.2	2.3	- 0.1	- 4
15. Khairpur	0	0.3	- 0.3	0	0.7	- 0.7	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



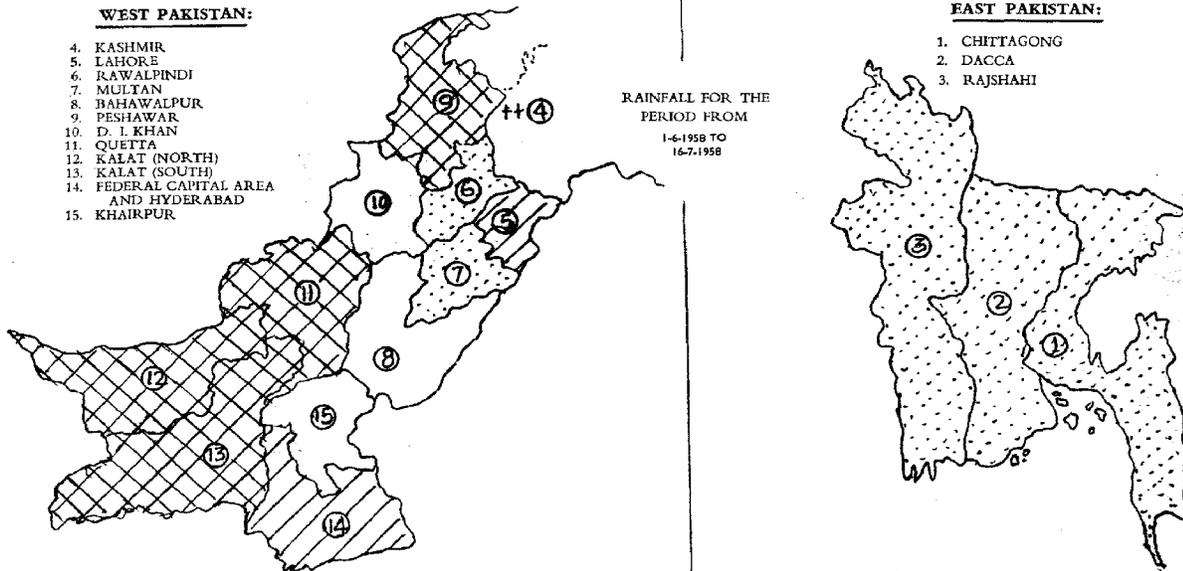
WEST PAKISTAN:

4. KASHMIR
5. LAHORE
6. RAWALPINDI
7. MULTAN
8. BAHAWALPUR
9. PESHAWAR
10. D. I. KHAN
11. QUETTA
12. KALAT (NORTH)
13. KALAT (SOUTH)
14. FEDERAL CAPITAL AREA AND HYDERABAD
15. KHAIRPUR

EAST PAKISTAN:

1. CHITTAGONG
2. DACCA
3. RAJSHAHI

RAINFALL FOR THE PERIOD FROM 1-6-1958 TO 16-7-1958



SCALE—200 MILES=1"

SCALE—100 MILES=1"



Regd. No. S-1451.

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 23th July, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's depression in the northwest angle of the Bay of Bengal crossed coast by the evening of the 16th and lay with its centre about 30 Miles to the south of Jamshedpur at 0300 GMT of the 17th. It moved further northwestwards and weakened into a low over east Uter Pradesh by the 20th.

Thereafter, the conditions again became unsettled at the head of the Bay on the 21st and a low pressure area formed over West Bengal on the following day. It moved northwestwards to Bihar by the last day of the week.

Under their influence fairly widespread rain fell in Dacca and Chittagong divisions practically throughout the week and in Rajshahi division during the last five days.

Chief amounts of rainfall recorded were : Maijdee Court 2" and Cox's Bazar 1½" on the 17th; Srimangal ¾" on the 18th; Chittagong, Khulna and Sakhira ½" each on the 19th; Srimangal 3" and Cox's Bazar 1½" on the 20th; Maijdee Court 1½" and Cox's Bazar and Sylhet 1" each on the 21st; Cox's Bazar and Maijdee Court 3" each and Khulna 1" on the 22nd and Cox's Bazar 3" and Rangpur and Dacca 1" each on the 23rd.

Day temperatures were practically normal during the week.

WEST PAKISTAN : Last week's western disturbance to the north of Kashmir moved away eastwards on the first day of the week and was closely followed by another which crossed Kashmir by the 19th. They caused nearly general rainfall in the Lahore and Rawalpindi divisions and scattered or local thunderstorms or showers in Peshawar, D.I. Khan and Multan divisions during the first two days and in Peshawar division alone on the 19th.

Two low pressure waves moved thereafter in the quick succession across the north of the region. They caused scattered rain/thundershowers in Peshawar, D.I. Khan, Quetta and Rawalpindi divisions between the 20th and the 23rd.

Chief amounts of rainfall recorded were : Lahore 3", Sialkot and Murree 2" each and Rawalpindi, Lyallpur and Chakdara 1½" each on the 17th; Lahore and Sialkot ¾" each on the 18th; Sialkot 1½" on the 21st; Wana ¾" on the 22nd and Murree ¾" on the 23rd.

Day temperatures were markedly to considerably below normal over the northern divisions between the 17th and the 19th and appreciably above normal in Peshawar, Quetta and D.I. Khan divisions during the last two days of the week.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on five days and local and scattered on one day each.

DACCA DIVISION : Nearly general rain fell on two days, local on four days and scattered on one day.

RAJSHAHI DIVISION : Rainfall was nearly general, local and scattered on two days each.

KASHMIR : Data not available.

LAHORE DIVISION : Nearly general rain fell on two days and local on one day.

RAWALPINDI DIVISION : Nearly general and local rain fell on one day each and scattered on three days.

MULTAN DIVISION : Scattered rain fell on one day.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Local rain fell on one day and scattered on three days.

D. I. KHAN DIVISION : Scattered rain fell on four days.

QUETTA DIVISION : Rainfall was scattered on one day.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was normal in Chittagong, Lahore, Rawalpindi and Multan divisions, deficient in Dacca, Rajshahi, Peshawar and Quetta divisions and scanty in Bahawalpur and D.I. Khan divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1958 to date was in large excess in Quetta and Kalat divisions, in excess in Lahore division, normal in Rawalpindi, Multan and Peshawar divisions, deficient in East Pakistan and in Hyderabad division and the Federal Capital Area and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

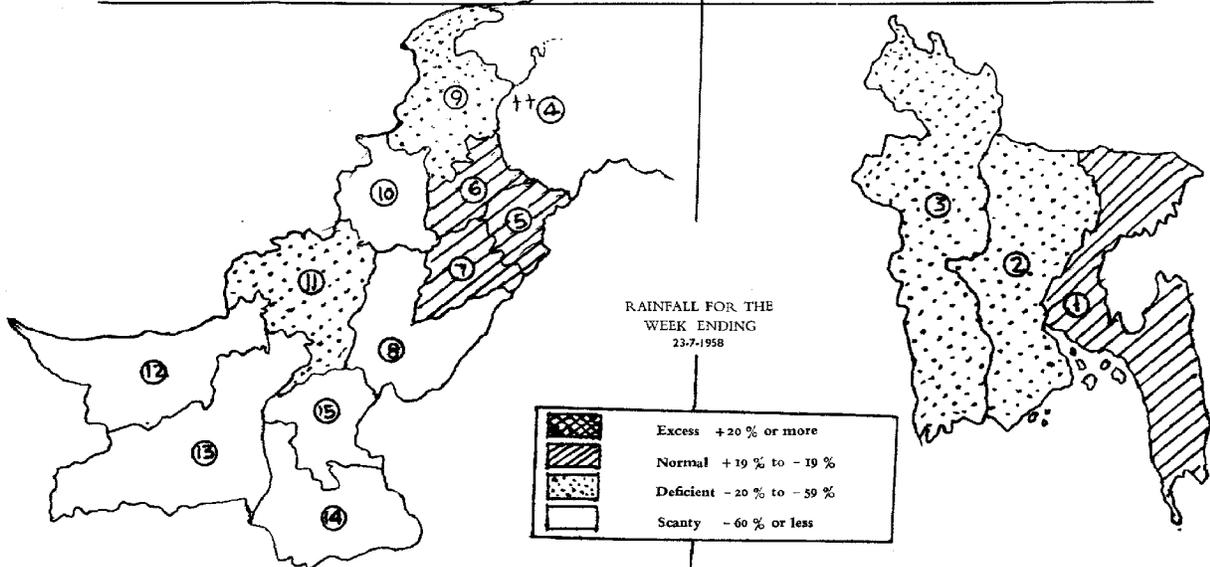
KARACHI-11 }
The 23th July, 1958. }

SIBTE NABI NAQVI
Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 23rd July, 1958.			Rainfall for period from 1st June, 1958 to 23rd July, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	4.7	4.4	0.4	24.5	35.0	-10.5	- 30
2. Dacca	1.6	3.1	- 1.6	16.0	25.3	- 9.2	- 30
3. Rajshahi	1.3	2.7	- 1.5	12.6	23.5	-10.9	- 42
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	4.0	1.4	2.6	8.7	7.0	1.6	23
6. Rawalpindi	2.0	2.0	0	6.7	8.3	- 1.6	- 19
7. Multan	0.5	0.4	0.1	2.2	2.7	- 0.5	- 18
8. Bahawalpur	0	0.4	- 0.4	0	1.7	- 1.7	- 99
9. Peshawar	0.3	0.6	- 0.3	2.9	2.7	0.3	11
10. D. I. Khan	0	0.3	- 0.3	0.7	2.1	- 1.4	- 66
11. Quetta	0.2	0.4	- 0.2	2.4	1.3	1.0	79
12. Kalat (North)	0	0.1	- 0.1	0.9	0.3	0.6	179
13. Kalat (South)	0	0.2	- 0.2	2.6	0.6	2.0	354
14. F. C. A. & H'Bad.	0	0.7	- 0.7	2.2	3.0	- 0.8	- 26
15. Khairpur	0	0.3	- 0.3	0	1.0	- 1.0	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01'.
 † Rainfall of stations having no normals is not included. †† Data not available.



- WEST PAKISTAN:**
4. KASHMIR
 5. LAHORE
 6. RAWALPINDI
 7. MULTAN
 8. BAHAWALPUR
 9. PESHAWAR
 10. D. I. KHAN
 11. QUETTA
 12. KALAT (NORTH)
 13. KALAT (SOUTH)
 14. FEDERAL CAPITAL AREA AND HYDERABAD
 15. KHAIRPUR

- EAST PAKISTAN:**
1. CHITTAGONG
 2. DACCA
 3. RAJSHAHI

RAINFALL FOR THE
PERIOD FROM
1-6-1958 TO
23-7-1958

SCALE—200 MILES—1"

SCALE—100 MILES—1"



Regd. No. S-1451.

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 30th July, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Pronounced monsoon activity was experienced in East Pakistan during the first three days of the week when fairly widespread rain with locally moderate to heavy falls occurred practically over the whole region. Thereafter monsoon activity gradually decreased and local to fairly widespread rain fell in Dacca and Chittagong divisions and scattered in Rajshahi division during the rest of the week.

Chief amounts of rainfall recorded were :— Bogra 7", Maijdee Court 5", Barisal 4", Mymensingh 3" and Narayanganj, Dacca, Khulna and Rangpur 2" each on the 24th; Khulna 3", Chittagong, Bogra and Mymensingh 2" each, Maijdee Court, Satkhira and Dinajpur 1½" each on the 25th; Cox's Bazar and Chittagong 1½" each and Dinajpur ½" on the 26th; Cox's Bazar 5", Srimangal 2" and Maijdee Court and Jessore 1" each on the 27th; Satkhira 3", Comilla and Sylhet 2" each and Cox's Bazar 1½" on the 28th; Jessore 3" and Barisal 1½" on the 29th and Barisal 1" and Sirajganj ½" on the 30th.

Day temperatures were appreciably below normal over the region during the first two days and on the last day of the week.

WEST PAKISTAN : Last week's low pressure wave over Afghanistan and adjoining areas lay over Kashmir on the first day of the week. It moved away eastwards by the next morning but closely followed by another low pressure wave which appeared over Peshawar division on the 25th and moved away across Kashmir by the 27th. These caused scattered rainfall over Peshawar, D.I. Khan, Rawalpindi and Lahore divisions between the 24th and 25th and local or fairly widespread rain with a few moderate to heavy falls during the next two days.

Thereafter, a fresh low pressure wave moved slowly across Peshawar division and Kashmir during the last three days of the week causing local or scattered thunderstorms or showers in Rawalpindi, Peshawar and D.I. Khan divisions.

Chief amounts of rainfall recorded were :— Sialkot 4", Rawalpindi and Haripur 1½" each and Murree ½" on the 26th; Jhelum 2", Sialkot and Campbellpur 1" each on the 27th and Cherat 1½" on the 29th.

Day temperatures were appreciably above normal over the northern divisions on the 24th, 25th and 30th and appreciably to markedly below normal in Lahore, Rawalpindi and Peshawar divisions on the 27th and 28th.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on five days and local and scattered on one day each.

DACCA DIVISION : Nearly general rain fell on four days and local on three days.

RAJSHAHI DIVISION : Nearly general and local rain fell on two days each and scattered on three days.

KASHMIR : Data not available.

LAHORE DIVISION : Nearly general rain fell on one day and local on two days.

RAWALPINDI DIVISION : Rainfall was nearly general on two days and scattered on four days.

MULTAN DIVISION : Weather remained dry.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Local rain fell on two days and scattered on three days.

D. I. KHAN DIVISION : Local and scattered rain fell on one day each.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Rajshahi, Lahore and Peshawar divisions, in excess in Dacca division, normal in Chittagong division and deficient in Rawalpindi and D.I. Khan divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1958 to date was in large excess in Kalat division, in excess in Lahore, Peshawar and Quetta divisions, deficient in East Pakistan and in Rawalpindi, Multan and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

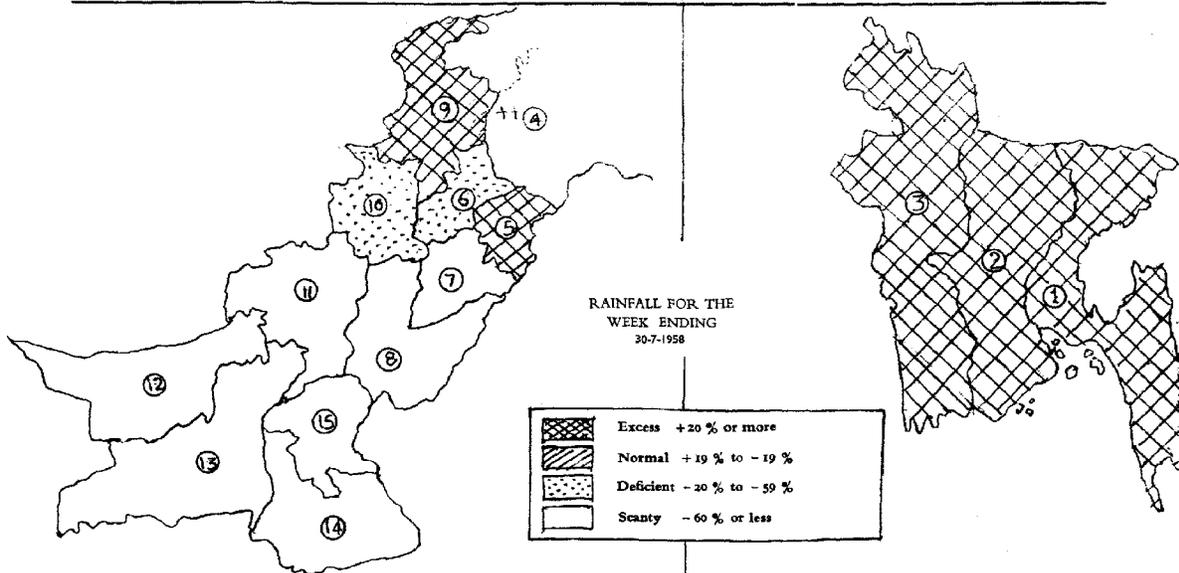
KARACHI-11 }
The 30th July, 1958. }

SIBTE NABI NAQVI.
Director, Meteorological Service.

WEEKLY WEATHER REPORT

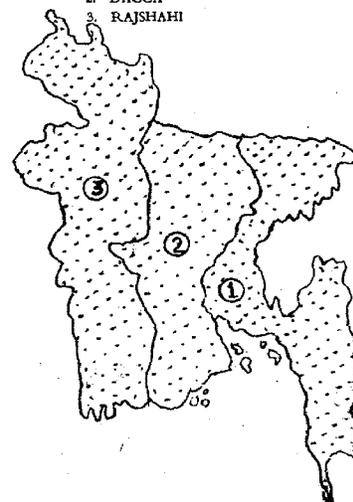
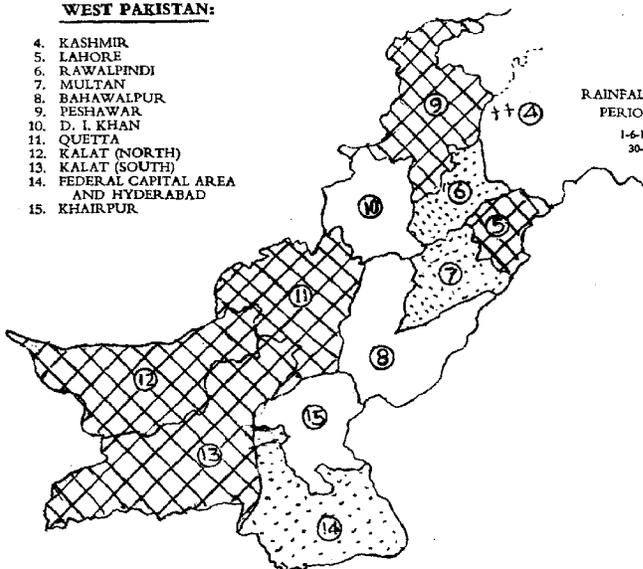
Division.	Rainfall for week ending on 30th July, 1958.			Rainfall for period from 1st June, 1958 30th to July, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	5.2	5.5	- 0.3	29.7	40.5	- 10.8	- 27
2. Dacca	5.3	3.5	+ 1.8	21.3	28.7	- 7.4	- 26
3. Rajshahi	5.5	3.2	+ 2.4	18.1	26.7	- 8.6	- 32
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	3.1	1.7	+ 1.4	11.7	8.7	+ 3.1	+ 35
6. Rawalpindi	1.5	2.2	- 0.7	8.2	10.5	- 2.3	- 22
7. Multan	0	0.6	- 0.6	2.2	3.3	- 1.1	- 34
8. Bahawalpur	0	0.9	- 0.9	0	2.6	- 2.6	- 99
9. Peshawar	0.9	0.5	+ 0.5	3.9	3.1	+ 0.7	+ 24
10. D. I. Khan	0.2	0.5	- 0.3	0.9	2.6	- 1.7	- 64
11. Quetta	0	0.5	- 0.5	2.4	1.8	+ 0.6	+ 32
12. Kalat (North)	0	0.1	- 0.1	0.9	0.4	+ 0.5	+ 116
13. Kalat (South)	0	0.1	- 0.1	2.6	0.7	+ 1.9	+ 275
14. F. C. A. & H'Bad.	0	0.8	- 0.8	2.2	3.7	- 1.5	- 42
15. Khairpur	0	0.2	- 0.2	0	1.2	- 1.2	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



- WEST PAKISTAN:**
4. KASHMIR
 5. LAHORE
 6. RAWALPINDI
 7. MULTAN
 8. BAHAWALPUR
 9. PESHAWAR
 10. D. I. KHAN
 11. QUETTA
 12. KALAT (NORTH)
 13. KALAT (SOUTH)
 14. FEDERAL CAPITAL AREA AND HYDERABAD
 15. KHAIRPUR

- EAST PAKISTAN:**
1. CHITTAGONG
 2. DACCA
 3. RAJSHAHI



SCALE—200 MILES—1"

SCALE—100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 6th August, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Monsoon activity was pronounced over the region during the week.

Except for the first two days when scattered to local rain fell in Dacca and Rajshahi divisions, rainfall was fairly widespread practically throughout the region on all other days and was locally moderate to heavy on the 4th and the 5th.

Chief amounts of rainfall recorded were :—Bogra 3" and Cox's Bazar and Comilla 2" each on the 31st ; Cox's Bazar 4" and Chittagong and Majdee Court 1½" each on the 1st ; Bogra 2" and Chittagong, Majdee Court, Comilla and Mymensingh 1½" each on the 2nd ; Cox's Bazar, Majdee Court, Comilla and Sylhet 1½" each on the 3rd ; Mymensingh 5", Sirajganj and Dinajpur 4" each ; Brahmanbaria, Bogra and Rangpur 3" each and Majdee Court 2" on the 4th ; Dacca 6" ; Narayanganj and Barisal 4" each ; Brahmanbaria, Satkhira and Bogra 3" each and Chittagong, Majdee Court, Comilla, Khulna and Jessore 2" each on the 5th and Sirajganj and Rangpur 3" each ; Majdee Court 2" and Mymensingh 1½" on the 6th.

Day temperatures were appreciably to markedly below normal mainly over the northern parts of the region during the last four days of the week.

WEST PAKISTAN : A low pressure wave, which appeared over the north of Afghanistan on the last day of the previous week, moved away eastwards across the north of Kashmir by the 1st causing scattered to local thunderstorms or showers in Peshawar, Rawalpindi and Lahore divisions.

A trough of low pressure which moved across Peshawar division to Kashmir during the next three days caused scattered thunderstorms or showers in Rawalpindi division on the 2nd and 3rd and in Multan division on the 4th. Thereafter a western disturbance moved across Peshawar division and Kashmir and caused scattered thunderstorms or showers in Peshawar, Rawalpindi and Lahore divisions during the last three days of the week with a few locally moderate to heavy falls.

Chief amounts of rainfall recorded were :—Sialkot 1" and Jhelum ½" on the 31st ; Sialkot ¾" on the 1st ; Murree and Montgomery 2" each on the 4th ; Murree 2", Kakul 1½" and Lahore 1" on the 5th and Murree 8", Rawalpindi 2" and Drosh 1" on the 6th.

Day temperatures were markedly above normal over the northern half of the region outside Rawalpindi division during the first four days of the week, markedly below normal in Lahore, Rawalpindi and Multan divisions during the next two days and appreciably so over there and in Bahawalpur division on the last day of the week.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on six days and local on one day.

DACCA DIVISION : Nearly general rain fell on five days and local and scattered on one day each.

RAJSHAH DIVISION : Nearly general rain fell on four days, local on two days and scattered on one day.

KASHMIR : Data not available.

LAHORE DIVISION : Local rain fell on three days.

RAWALPINDI DIVISION : Local rain fell on two days and scattered on five days.

MULTAN DIVISION : Scattered rain fell on one day.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Rainfall was scattered on five days.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Weather remained dry.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in East Pakistan, normal in Lahore, Rawalpindi and Multan divisions and scanty in Peshawar division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1958 to date was in large excess in Kalat division, in excess in Lahore division, normal in East Pakistan and in Rawalpindi, Peshawar and Quetta divisions, deficient in Multan and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

KARACHI-11
The 6th August, 1958 }

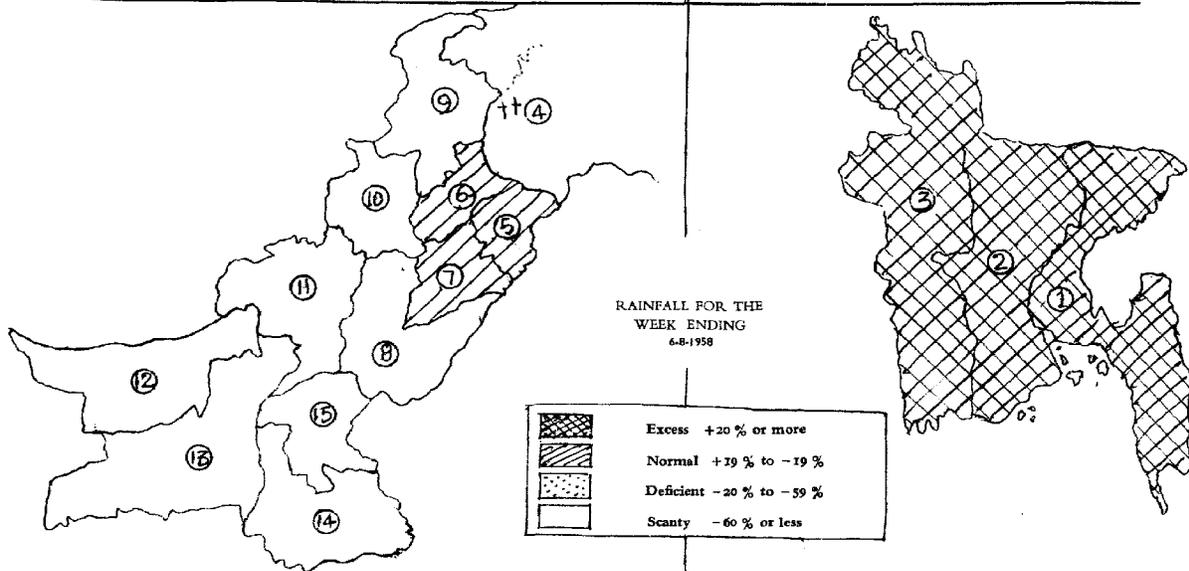
SIBTE NABI NAQVI.

Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 6th August, 1958.			Rainfall for period from 1st June, 1958 to 6th August, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	8.3	4.6	3.7	38.0	45.1	- 8.1	- 18
2. Dacca	5.5	3.2	2.3	26.9	31.9	- 5.1	- 16
3. Rajshahi	7.1	2.8	4.3	25.2	29.5	- 4.3	- 11
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.5	1.6	- 0.1	13.2	10.3	2.9	29
6. Rawalpindi	5.4	2.0	3.4	13.6	12.5	1.2	9
7. Multan	0.6	0.7	- 0.1	2.8	4.0	- 1.2	- 30
8. Bahawalpur	0	0.6	- 0.6	0	3.2	- 3.1	- 99
9. Peshawar	0	0.8	- 0.8	3.9	4.0	- 0.1	- 2
10. D. I. Khan	0	0.6	- 0.6	0.9	3.2	- 2.3	- 71
11. Quetta	0	0.4	- 0.4	2.4	2.2	0.2	9
12. Kalat (North)	0	0.1	- 0.1	0.9	0.5	0.4	76
13. Kalat (South)	0	0.1	- 0.1	2.6	0.7	1.9	250
14. F. C. A. & H ² Bad.	0	0.4	- 0.4	2.2	4.1	- 1.9	- 47
15. Khairpur	0	0.3	- 0.3	0	1.5	- 1.5	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 † Rainfall of stations having no normals is not included. †† Data not available.



WEST PAKISTAN:

4. KASHMIR
5. LAHORE
6. RAWALPINDI
7. MULTAN
8. BAHAWALPUR
9. PESHAWAR
10. D. I. KHAN
11. QUETTA
12. KALAT (NORTH)
13. KALAT (SOUTH)
14. FEDERAL CAPITAL AREA AND HYDERABAD
15. KHAIRPUR

EAST PAKISTAN:

1. CHITTAGONG
2. DACCA
3. RAJSHAHI

RAINFALL FOR THE PERIOD FROM 1-6-1958 TO 6-8-1958

SCALE—200 MILES=1"

SCALE—100 MILES=1"



Regd. No. S-1451.

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 13th August, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Monsoon was fairly active over East Pakistan causing local to fairly widespread rainfall over there throughout the week.

Chief amounts of rainfall recorded were : Maijdee Court 4" on the 7th ; Cox's Bazar and Srimangal 1" each on the 8th ; Cox's Bazar, Maijdee Court, Sylhet, Mymensingh, Narayanganj and Rangpur 2" each on the 9th ; Mymensingh 2", Bogra and Rangpur 1½" each, on the 10th ; Bogra 2" and Chittagong and Sylhet 1½" each on the 11th ; Sylhet and Narayanganj 1½" each on the 12th and Srimangal and Dinajpur 2" each and Chittagong 1½" on the 13th.

Day temperatures were appreciably below normal over the northern parts of the region on the 12th and appreciably above normal over the region on the 13th.

WEST PAKISTAN : A western disturbance which began affecting the extreme north of West Pakistan on the last day of the previous week moved away across Kashmir by the 9th and was closely followed by a low pressure wave which moved away across the north of the region by the following morning. They caused fairly widespread rain or thundershowers in Peshawar, Rawalpindi, Multan and Lahore divisions, local in D.I. Khan division and scattered in Quetta and Bahawalpur divisions, during the first two days of the week and scattered showers in Khairpur division on the 9th.

Two low pressure waves moved thereafter in close succession during the last three days of the week, the first across the north of the region and the other from Afghanistan to Peshawar division where it lay on the last day. Under their influence rain or thundershowers occurred practically throughout the northern half of the region, being fairly widespread and locally moderate to heavy in Rawalpindi and Lahore division between the 11th and the 13th.

Chief amounts of rainfall recorded were : Murree, Jhelum and Chakdara 2" each and Kakul 1" on the 7th ; Sialkot 2" and Montgomery 1" on the 8th ; Rawalpindi 3" and Drosh and Murree 1" each on the 11th ; Rawalpindi 1½" on the 12th and Sialkot 1½" on the 13th.

Day temperatures were markedly below normal over the northern divisions during the first two days of the week, appreciably so in Peshawar, Rawalpindi and Lahore divisions during the last two days and appreciably above normal in the eastern divisions on the 10th and 11th.

2. **CHITTAGONG DIVISION :** Nearly general rain fell on four days and local on three days.

DACCA DIVISION : Rainfall was nearly general on two days, local on four days and scattered on one day.

RAJSHAHI DIVISION : Nearly general rain fell on three days and local on four days.

KASHMIR : Data not available.

LAHORE DIVISION : Rainfall was nearly general on one day and local on two days.

RAWALPINDI DIVISION : Nearly general and local rain fell on two days each.

MULTAN DIVISIONS : Rainfall was nearly general on one day.

BAHAWALPUR DIVISION : Scattered rain fell on one day.

PESHAWAR DIVISION : Nearly general and local rain fell on one day each and scattered on two days.

D. I. KHAN DIVISION : Local and scattered rain fell on one day each.

QUETTA DIVISION : Scattered rain fell on one day.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Scattered rain fell on one day.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in excess in Rajshahi, Lahore and Rawalpindi divisions, normal in Chittagong and Dacca divisions, deficient in Multan and D.I. Khan divisions and scanty in Bahawalpur, Peshawar and Quetta divisions. No rain fell elsewhere over West Pakistan outside Khairpur division.

Rainfall for the period from 1st June, 1958 to date was in large excess in Kalat (South) division, in excess in Kalat (North) and Lahore divisions, normal in East Pakistan, Rawalpindi, Peshawar and Quetta divisions, deficient in Multan and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

KARACHI-11
The 13th August, 1958

SIBTE NABI NAQVI
Director, Meteorological Service.

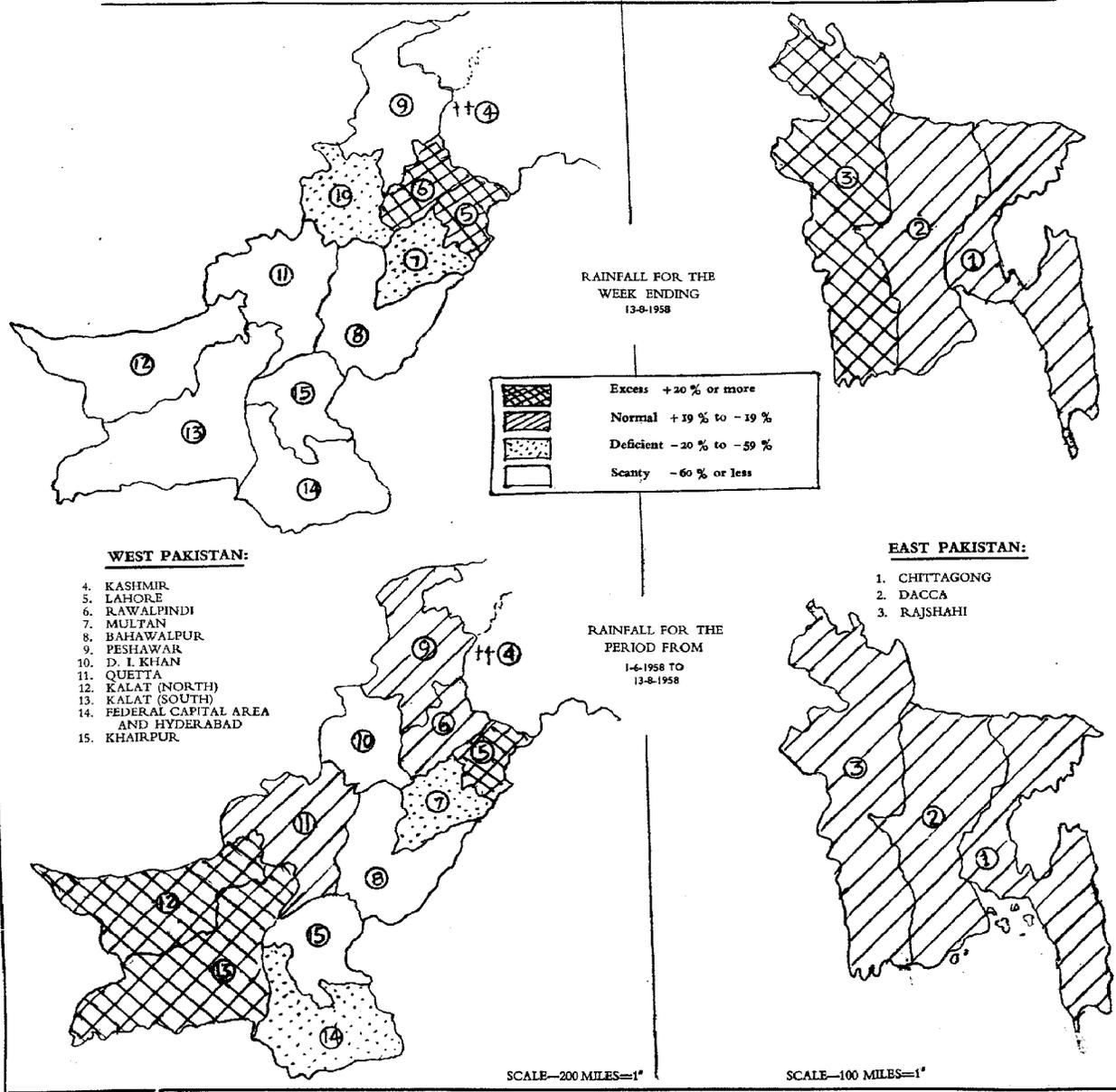
WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 13th August, 1958.			Rainfall for period from 1st June, 1958 to 13th August, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	4.2	4.7	- 0.5	42.2	49.8	- 7.6	- 15
2. Dacca	3.6	3.1	0.5	30.5	35.1	- 4.6	- 13
3. Rajshahi	3.4	2.8	0.6	28.6	32.3	- 3.7	- 12
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	2.0	1.3	0.7	15.3	11.7	3.6	31
6. Rawalpindi	3.2	2.5	0.7	16.8	15.0	1.9	12
7. Multan	0.3	0.9	- 0.5	3.2	4.9	- 1.7	- 35
8. Bahawalpur	0.1	0.4	- 0.3	0.1	3.6	- 3.5	- 96
9. Peshawar	0.3	0.9	- 0.6	4.2	4.9	- 0.7	- 14
10. D. I. Khan	0.2	0.5	- 0.2	1.2	3.7	- 2.5	- 68
11. Quetta	0	0.3	- 0.3	2.4	2.5	- 0.1	- 5
12. Kalat (North)	0	0.1	- 0.1	0.9	0.7	0.3	46
13. Kalat (South)	0	0.2	- 0.2	2.6	0.9	1.7	188
14. F. C. A. & H'Bad.	0	0.7	- 0.7	2.2	4.8	- 2.7	- 55
15. Khairpur	0	0.2	- 0.2	0	1.8	- 1.8	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".

† Rainfall of stations having no normals is not included.

†† Data not available.





Regd. No. S-1451.

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 20th August, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : A trough of low which lay off Orissa coast caused scattered to local rainfall over the region during the first two days of the week except in Chittagong division where it caused fairly widespread rain on the 15th.

The trough became well marked by the 16th and a shallow depression formed off Orissa coast by the following morning centred at 0300 GMT within one degree of latitude $19\frac{1}{2}^{\circ}$ N and longitude $87\frac{1}{2}^{\circ}$ E. It crossed Orissa coast during the night, weakened and lay as a low over east Madhya Pradesh on the 18th morning. It moved away thereafter in a westnorthwesterly direction. Under its influence local to fairly widespread rain fell over East Pakistan between the 16th and the 20th.

Chief amounts of rainfall were : Rangpur 3", Sylhet 2" and Dinajpur $1\frac{1}{2}$ " on the 14th ; Cox's Bazar 4", Chittagong 2" and Khulna $1\frac{1}{2}$ " on the 15th ; Majidce Court 3", Cox's Bazar, Narayanganj and Sylhet $1\frac{1}{2}$ " each on the 16th ; Sylhet, Mymensingh and Barisal 1" each on the 17th ; Faridpur $1\frac{1}{2}$ " and Sylhet and Satkhira 1" each on the 18th ; Dinajpur 2" and Sylhet 1" on the 19th and Sylhet and Rangpur 1" each on the 20th.

Day temperatures were practically normal during the first six days and markedly below normal in the northern districts on the last day of the week.

WEST PAKISTAN : A low pressure wave which began affecting Peshawar division on the last day of the previous week moved away eastwards by the 15th and was closely followed by two low pressure waves which moved away in quick succession by the 18th, the first across Peshawar division and Kashmir and the other across the north of West Pakistan. They caused local to fairly widespread thunderstorms or showers in Quetta, D.I. Khan, Peshawar, Rawalpindi and Multan divisions during the first two days of the week and fairly widespread in D.I. Khan division and scattered in the other divisions during the next two days.

Thereafter, weather remained mainly dry over the region outside Hyderabad division where scattered light showers occurred on the 18th and the 19th under the influence of an easterly low which moved from east Madhya Pradesh to Madhya Bharat and adjoining Rajasthan where it lay on the last day.

Chief amounts of rainfall recorded were : Parachinar $\frac{1}{2}$ " on the 14th ; Cherat $1\frac{1}{2}$ ", Kakul 1" and Bannu $\frac{1}{2}$ " on the 15th ; Miran-shah $1\frac{1}{2}$ " and Parachinar $\frac{1}{2}$ " on the 16th and Umerkot $\frac{1}{2}$ " on the 18th.

Day temperatures were appreciably above normal practically throughout the eastern half of the region between the 17th and the 18th, markedly to considerably so over there on the 19th and practically over the whole of West Pakistan on the 20th.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on two days, local on four days and scattered on one day.

DACCA DIVISION : Nearly general and local rain fell on three days each and scattered on one day.

RAJSHAHI DIVISION : Nearly general and scattered rain fell on one day each and local on five days.

KASHMIR : Data not available.

LAHORE DIVISION : Weather remained dry.

RAWALPINDI DIVISION : Scattered rain fell on one day.

MULTAN DIVISION : Scattered rain fell on one day.

BAHAWALPUR DIVISION : Weather remained dry.

PESHAWAR DIVISION : Local rain fell on one day.

D. I. KHAN DIVISION : Rainfall was local and scattered on two days each.

QUETTA DIVISION : Scattered rain fell on one day.

KALAT (NORTH) DIVISION : Weather remained dry.

KALAT (SOUTH) DIVISION : Weather remained dry.

HYDERABAD DIVISION AND FEDERAL CAPITAL AREA : Scattered rain fell on two days.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in D.I. Khan division, normal in Dacca and Peshawar divisions, deficient in Chittagong, Rajshahi and Hyderabad divisions and scanty in Rawalpindi, Multan and Quetta divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1958 to date was in large excess in Kalat (South) division, in excess in Kalat (North) division, normal in East Pakistan, Lahore, Rawalpindi, Peshawar and Quetta divisions, deficient in Multan, D.I. Khan and Hyderabad divisions and the Federal Capital Area and scanty in Bahawalpur and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958, to date.

KARACHI-11
The 20th August, 1958

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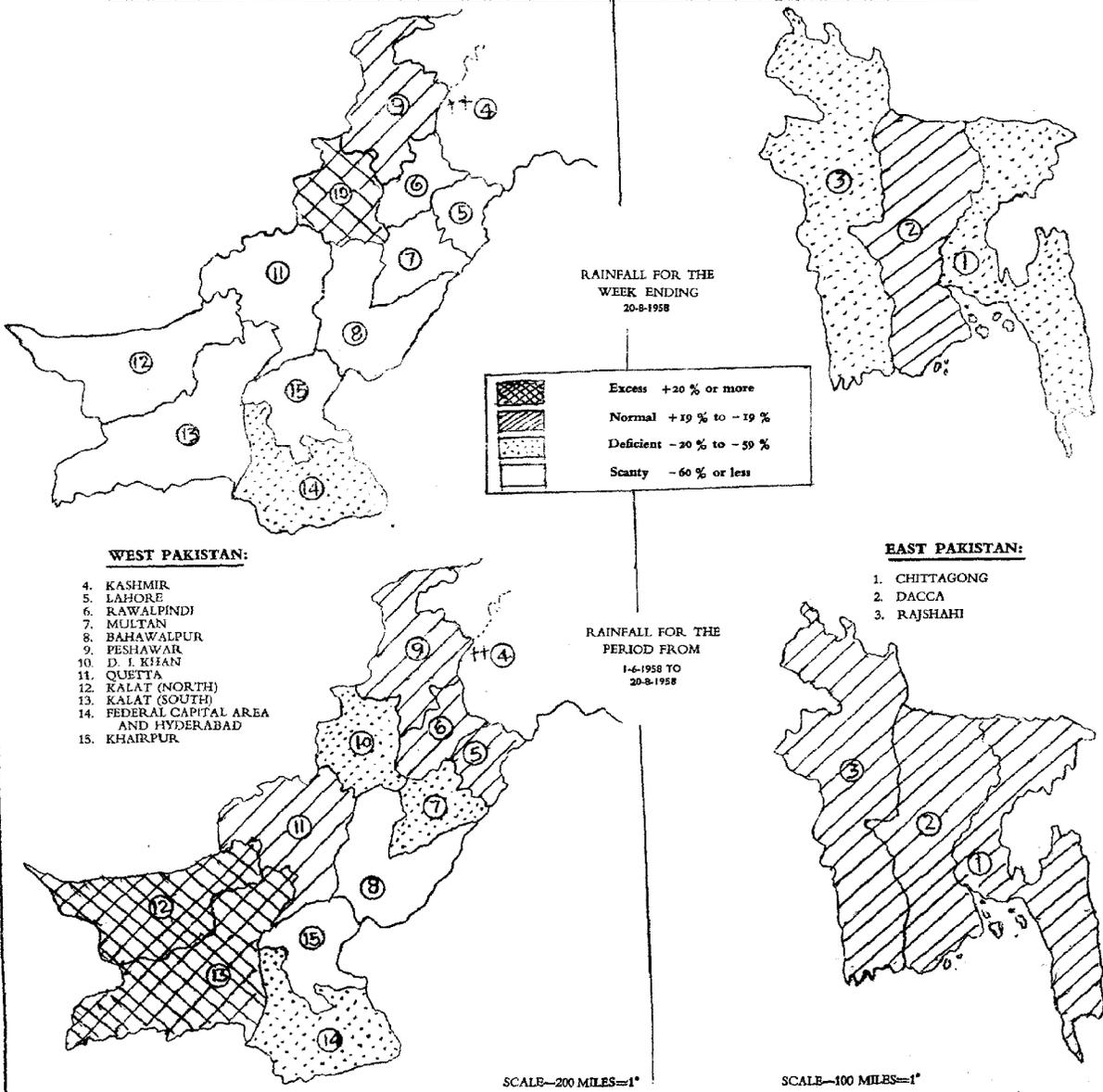
MOHAMMED ABDUL QUADIR.

For Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 20th August, 1958.			Rainfall for period from 1st June, 1958 to 20th August, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.9	4.7	- 1.7	45.1	54.6	- 9.3	- 17
2. Dacca	2.6	3.2	- 0.6	33.0	38.3	- 5.2	- 14
3. Rajshahi	2.2	2.8	- 0.6	30.8	35.1	- 4.3	- 12
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	2.2	- 2.2	15.3	13.8	+ 1.4	+ 10
6. Rawalpindi	0.1	2.2	- 2.1	17.0	17.2	- 0.2	- 1
7. Multan	- 0.1	0.6	- 0.5	3.2	5.5	- 2.3	- 41
8. Bahawalpur	0	0.1	- 0.1	0.1	3.7	- 3.6	- 96
9. Peshawar	0.8	0.8	0	5.0	5.7	- 0.7	- 12
10. D. I. Khan	1.2	0.3	+ 0.9	2.3	3.9	- 1.6	- 41
11. Quetta	0.1	0.2	- 0.2	2.7	2.7	- 0.1	- 2
12. Kalat (North)	0	0.1	- 0.1	0.9	0.7	+ 0.2	+ 27
13. Kalat (South)	0	0.1	- 0.1	2.6	0.9	+ 1.6	+ 173
14. F. C. A. & H*Bad.	0.2	0.5	- 0.3	2.4	5.3	- 2.9	- 55
15. Khairpur	0	0.2	- 0.2	0	2.0	- 2.0	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01.
 † Rainfall of stations having no normals is not included. †† Data not available.





Regd. No. S-1451.

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 27th August, 1958.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Monsoon activity was weak over East Pakistan, and only scattered to local rain fell over the region during the week except on the 24th and the 27th when fairly widespread rain fell in Chittagong and Dacca divisions.

Chief amounts of rainfall recorded were : Srimangal $1\frac{1}{2}$ " and Jessore, Bogra and Rangpur 1" each on the 21st ; Dinajpur $1\frac{1}{2}$ " and Chittagong and Cox's Bazar 1" each on the 23rd ; Sylhet $1\frac{1}{2}$ " on the 24th ; Rangpur 1" on the 25th and Majdee Court 2" and Sylhet $1\frac{1}{2}$ " on the 27th.

Day temperatures were appreciably to markedly above normal over the region between the 23rd and the 25th and practically normal on other days of the week.

WEST PAKISTAN : Last week's low pressure area over Madhya Pradesh became unimportant on the first day of the week. However four westerly low pressure waves moved in close succession across Peshawar division and Kashmir during the week, the fourth one lying over Kashmir on the last day. Under their influence thunderstorms or showers occurred over the northern divisions practically throughout the week, being fairly widespread in Rawalpindi division on the 21st and the 23rd and in Lahore division on the 27th.

Chief amounts of rainfall were : Kakul and Rawalpindi 1" each and Murree $\frac{3}{4}$ " on the 21st ; Leiah and Campbellpur $\frac{1}{2}$ " each on the 22nd ; Chakdara $\frac{1}{2}$ " on the 23rd ; Lyallpur 1" and Lahore $\frac{3}{4}$ " on the 25th ; Murree and Haripur $\frac{1}{2}$ " each on the 26th and Sialkot $\frac{1}{2}$ " on the 27th.

Day temperatures were appreciably above normal practically throughout the region on the 23rd and the 24th and markedly to considerably so over there on the 21st and the 22nd. They were markedly below normal in Multan and Rawalpindi divisions during the last two days of the week.

2. **CHITTAGONG DIVISION :** Rainfall was nearly general on one day, local on two days and scattered on three days.

DACCA DIVISION : Nearly general and scattered rain fell on one day each and local on three days.

RAJSHAHI DIVISION : Local rain fell on three days and scattered on four days.

KASHMIR : Data not available.

LAHORE DIVISION : Rainfall was nearly general on one day and local on three days.

RAWALPINDI DIVISION : Nearly general rain fell on two days and scattered on three days.

MULTAN DIVISION : Local and scattered rain fell on one day each.

BAHAWALPUR DIVISION : Rainfall was scattered on one day.

PESHAWAR DIVISION : Local rain fell on one day and scattered on three days.

D. I. KHAN DIVISION : Weather remained dry.

QUETTA DIVISION : Scattered rain fell on one day.

KALAT NORTH DIVISION : Weather remained dry.

KALAT SOUTH DIVISION : Weather remained dry.

FEDERAL CAPITAL AREA AND HYDERABAD DIVISION : Weather remained dry.

KHAIRPUR DIVISION : Weather remained dry.

JUNAGADH : Data not available.

3. Based on the data of stations having normals, the week's rainfall was normal in Lahore, Multan and Kalat divisions, deficient in Rajshahi and Rawalpindi divisions and scanty in Chittagong, Dacca and Quetta divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1958 to date was in large excess in Kalat (South) division, in excess in Kalat (North) division, normal in East Pakistan and in Lahore, Rawalpindi, Peshawar and Quetta divisions, deficient in Multan, D.I. Khan and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan both for the week and for the period from 1st June, 1958 to date.

KARACHI-11
The 27th August, 1958

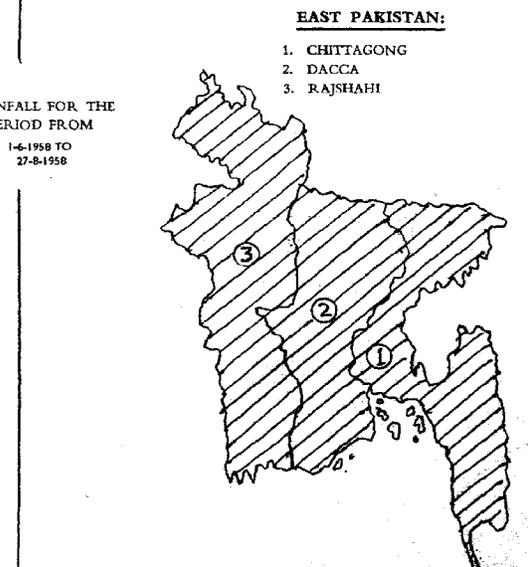
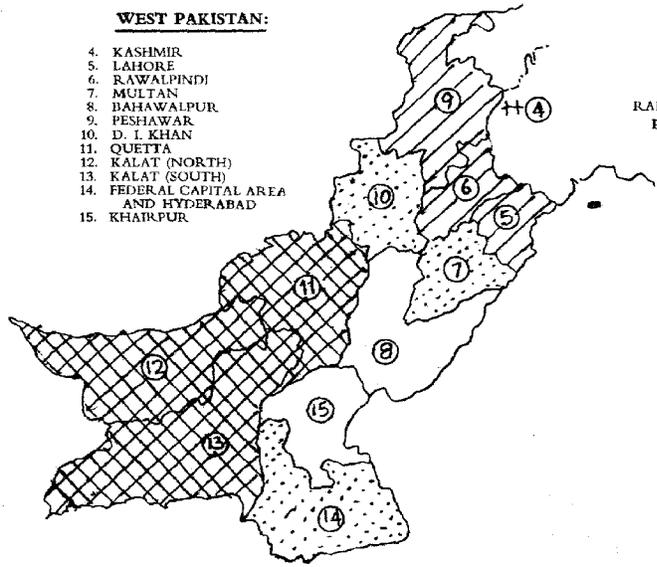
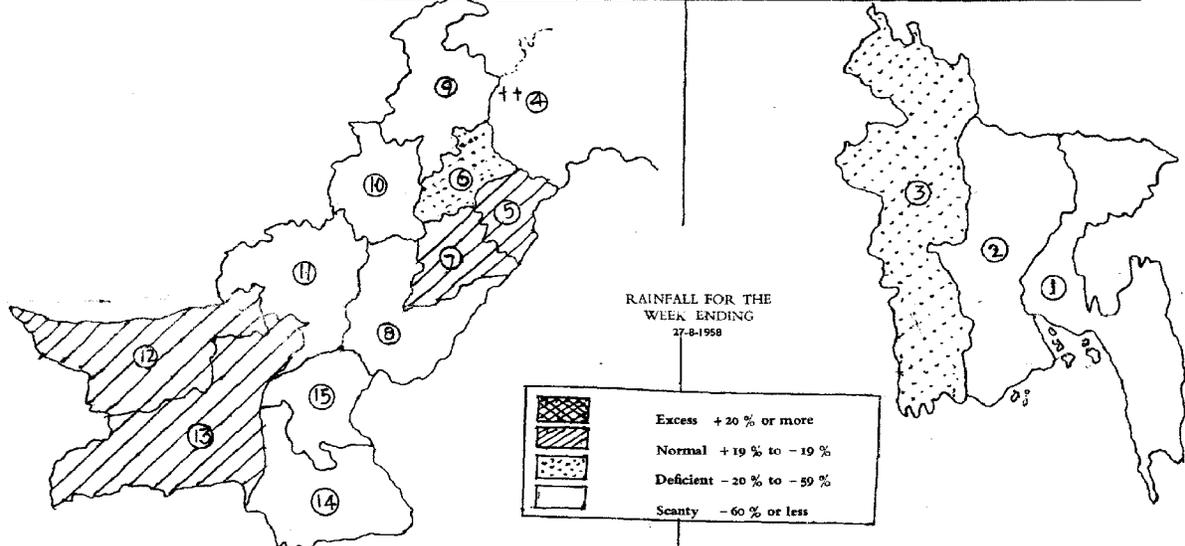
SIBTE NABI NAQVI

Director, Meteorological Service.

WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 27th August, 1958.			Rainfall for period from 1st June, 1958 to 27th August, 1958.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	1.5	4.1	- 2.6	46.6	58.6	- 12.0	- 21
2. Dacca	1.2	3.2	- 2.1	34.2	41.5	- 7.3	- 18
3. Rajshahi	1.6	3.0	- 1.4	32.4	38.1	- 5.8	- 15
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.4	1.6	- 0.2	16.6	15.4	1.2	8
6. Rawalpindi	1.3	1.7	- 0.4	18.2	18.8	- 0.6	- 3
7. Multan	0.4	0.5	- 0.1	3.6	6.0	- 2.3	- 33
8. Bahawalpur	0	0.3	- 0.3	0.1	4.0	- 3.8	- 97
9. Peshawar	0	0.5	- 0.5	5.0	6.3	- 1.2	- 19
10. D. I. Khan	0	0.1	- 0.1	2.3	4.1	- 1.8	- 41
11. Quetta	0	0.3	- 0.2	2.7	3.0	- 0.3	- 10
12. Kalat (North)	0	0	0	0.9	0.7	0.2	27
13. Kalat (South)	0	0	0	2.6	0.9	1.6	173
14. F. C. A. & H'Bad.	0	0.2	- 0.2	2.4	5.6	- 3.2	- 57
15. Khairpur	0	0	0	0	2.0	- 2.0	- 100
16. Junagadh ††	—	—	—	—	—	—	—

* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01'.
 † Rainfall of stations having no normals is not included. †† Data not available.



SCALE—200 MILES—1"

SCALE—100 MILES—1"