

# WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 2nd January, 1957.

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## SUMMARY OF WEATHER

**EAST PAKISTAN :** Fairly widespread rain fell in Dacca division and scattered elsewhere over the region on the 30th on account of a low lying over Bihar (India).

Notable amounts of falls during the week were : Brahmanbaria, Srimangal and Dacca  $\frac{1}{2}$ " each and Mymensingh, Narayanganj and Bogra  $\frac{1}{2}$ " each on the 30th.

Weather remained dry on other days of the week.

Night temperatures were appreciably to markedly above normal in East Pakistan during the week except on the 31st when they were nearly normal.

**WEST PAKISTAN :** During the first three days, scattered light rain with a few falls of snow over the hills was reported from Rawalpindi division in association with the passage of two feeble western disturbances across the extreme north of West Pakistan.

Thereafter, a western disturbance moving across north Kalat and Quetta divisions induced a secondary over the northwest sector of north Arabian Sea on the 30th evening. The western disturbance moved to Kashmir on the 1st while the secondary persisted over north Arabian Sea due to the movement of a western disturbance to East Iran. In their association, Kalat, Quetta and Khairpur divisions experienced a spell of wet weather on the 31st which extended to D.I. Khan, Peshawar, Rawalpindi and Multan divisions on the following day. Rain fell locally in West Pakistan outside Khairpur and Hyderabad divisions and the Federal Capital Area on the 2nd also while snowfall was reported from the hilly regions of West Pakistan during the above three days.

The important amounts of rainfall during the week were : Jiwani and Ormara 2" each, Panjgur  $1\frac{1}{2}$ ", Pasni 1", Turbat  $\frac{1}{2}$ " and Nushki, Dalbandin and Nokkundi  $\frac{1}{2}$ " each on the 31st ; Kalat 1", Hindubagh  $\frac{1}{2}$ " and Loralai, Quetta and Ormara  $\frac{1}{2}$ " each on the 2nd.

Night temperatures were appreciably to markedly above normal in the northern parts of West Pakistan during the week except on the 31st and the 2nd when they were appreciably to markedly below normal. Temperatures in Quetta and north Kalat divisions were also markedly below normal in the nights of the 30th, 1st and the 2nd.

2. **CHITTAGONG DIVISION :** Scattered rain was reported on one day.

**DACCA DIVISION :** Rainfall was local on one day.

**RAJSHAHI DIVISION :** Scattered rain fell on one day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Scattered rain was reported on one day.

**RAWALPINDI DIVISION :** Scattered rain was reported on one day.

**MULTAN DIVISION :** Scattered rain was reported on one day.

**BAHAWALPUR DIVISION :** Scattered rain was reported on one day.

**PESHAWAR DIVISION :** Local rain fell on one day.

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

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

**KALAT (NORTH) DIVISION :** Nearly general rain fell on one day and local on another day.

**KALAT (SOUTH) DIVISION :** Nearly general rain fell on one day and local on another day.

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

**KHAIRPUR DIVISION :** Scattered rain was reported on one day.

**JUNAGARH :** Data not available.

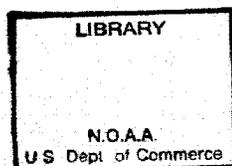
3. The week's rainfall was in large excess over East Pakistan, D.I. Khan, Quetta, Kalat and Khairpur divisions, deficient in Rawalpindi division and scanty over Lahore and Peshawar divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st November, 1956 to date was in large excess over Rajshahi and Kalat (South) divisions, in excess over Chittagong division, normal in Dacca and Kalat (North) divisions and scanty elsewhere over the country outside Rawalpindi, D.I. Khan and Quetta divisions where it was deficient.

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, 1956 to date

KARACHI-11.

The 2nd January, 1957.



S. N. NAQVI.

Director, Meteorological Service.

**National Oceanic and Atmospheric Administration**  
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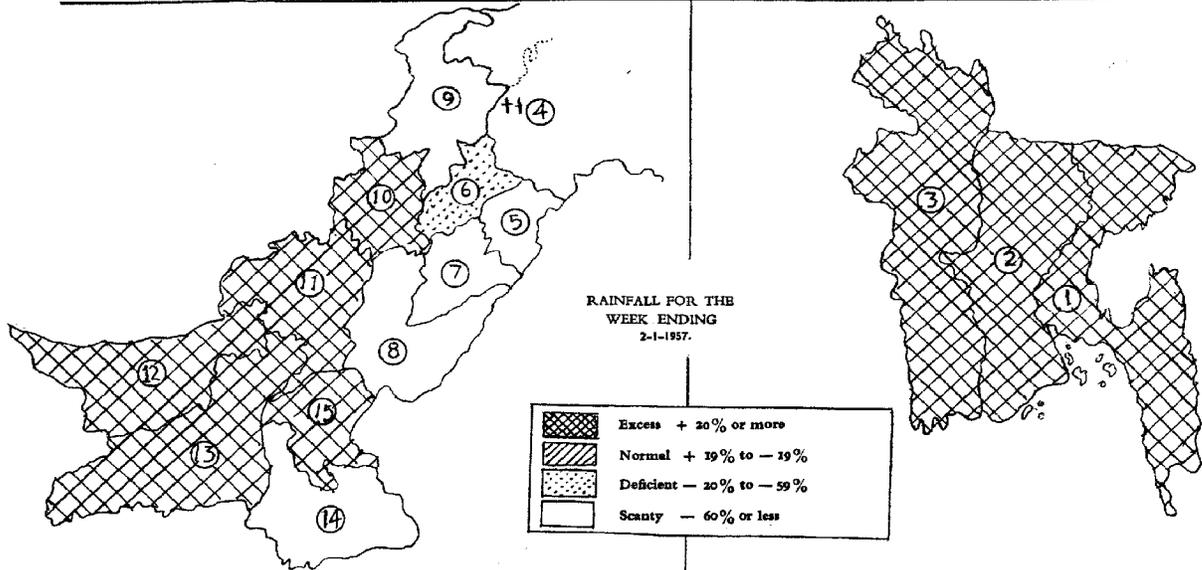
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March 28, 2002

# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 2nd January, 1957.			Rainfall for period from 1st November, 1956 to 2nd January, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.2	0	+ 0.1	2.9	2.3	+ 0.7	+ 29
2. Dacca	0.2	0	+ 0.2	2.3	1.3	+ 0.1	+ 8
3. Rajshahi	0.1	0	+ 0.1	1.7	0.9	+ 0.9	+ 101
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	- 0.2	0	0.8	- 0.8	- 96
6. Rawalpindi	0.2	0.3	- 0.1	1.2	1.6	- 0.4	- 23
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	0.1	0.4	- 0.4	0.3	1.6	- 1.2	- 78
10. D. I. Khan	0.3	0.2	+ 0.1	0.3	0.6	- 0.3	- 48
11. Quetta	0.4	0.2	+ 0.2	0.6	1.2	- 0.6	- 49
12. Kalat (North)	0.9	0.2	+ 0.7	1.1	1.0	+ 0.1	+ 10
13. Kalat (South)	1.7	0.3	+ 1.4	1.7	0.9	+ 0.7	+ 82
14. F. C. A. & H'Bad.	0	0.1	- 0.1	0	0.3	- 0.3	- 100
15. Khairpur	0	0	0	0	0.2	- 0.2	- 91
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.

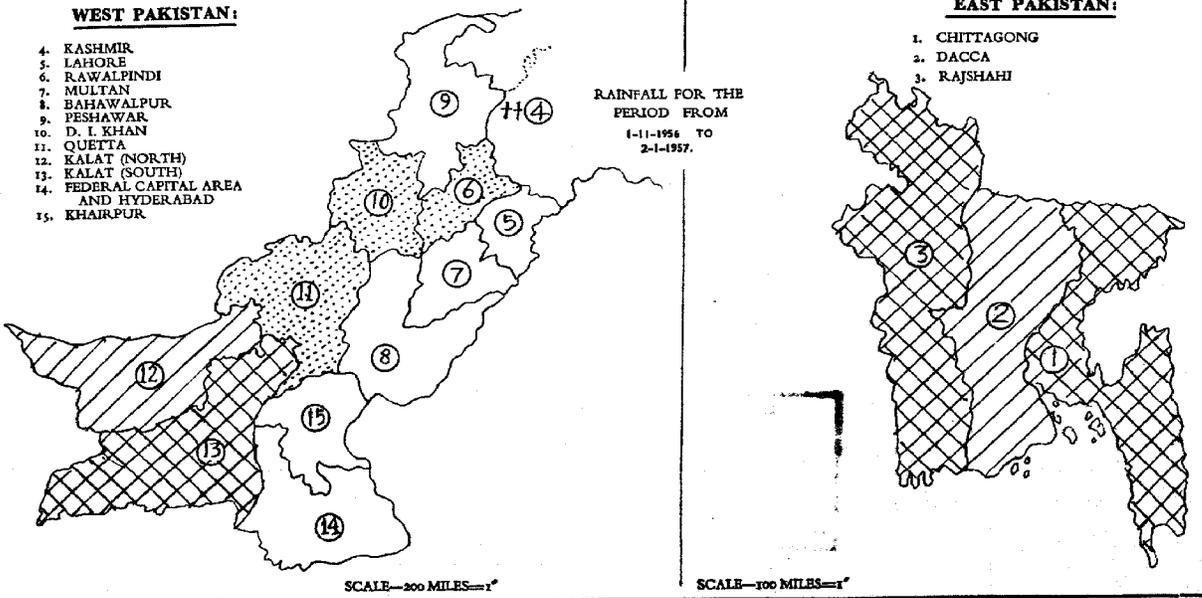


**WEST PAKISTAN:**

- 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 January, 1957.

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## SUMMARY OF WEATHER

EAST PAKISTAN : Weather remained dry except for scattered rain or thundershowers in Rajshahi division on the last day due to a secondary western disturbance lying over Chota Nagpur. Rangpur reported  $1\frac{1}{2}$ " of rain and Bogra  $\frac{1}{2}$ " on the same day.

Night temperatures were appreciably above normal over East Pakistan throughout the week.

WEST PAKISTAN : Consequent upon the northeast-ward passage of two successive western disturbances from north Kalat division to Kashmir and the formation of their short-lived secondaries in north Arabian Sea, there was fairly widespread to local rain with scattered thundershowers in Kalat and Quetta divisions and a few light falls in Rawalpindi and Khairpur divisions and the Federal Capital Area on the first day of the week and scattered light rain or drizzle in Quetta and Kalat divisions on the following day and in Bahawalpur and Peshawar divisions on the 5th. A few falls of snow were also reported from the hills of Rawalpindi and Quetta divisions on the 3rd and of Peshawar divisions on the 5th.

Thereafter, three western disturbances moved across the extreme north of West Pakistan. The secondary of the first moved from Quetta division to Kashmir and that of the third moved eastnorth-eastwards from south Kalat division and intensified into a deep depression over Lahore division and adjoining areas on the last day of the week. In association with the above disturbances, fairly widespread rain was experienced in Quetta division and local to scattered in Kalat and D.I. Khan divisions on the 7th.

The wet spell extended to Peshawar, Khairpur, Multan, Lahore and Rawalpindi divisions on the following two days while scattered rain was reported from the rest of West Pakistan. Snow also fell locally or at a few places over the hills of the northern parts on the last three days of the week.

The more important amounts of rainfall recorded during the week were :—Ormara 1" on the 3rd ; Jiwani 2", Murree, Lyallpur, Nustiki and Jacobabad 1" each and Hindubagh, Harnai, Nokkundi and Sukkur  $\frac{1}{2}$ " each on the 8th and Wana and Loralai 3" each, Harnai 2", Lahore and Hindubagh  $1\frac{1}{2}$ " each, Jacobabad 1" and Fort Sandeman and Chaman  $\frac{1}{2}$ " each on the 9th.

Night temperatures were generally appreciably below normal in the northern parts and appreciably to markedly above normal elsewhere over West Pakistan during the week except on the 5th and the last day when they were appreciably below normal in the southern parts also.

2. CHITTAGONG DIVISION : Weather remained dry.

DACCA DIVISION : Weather remained dry.

RAJSHAHI DIVISION : Scattered rain was reported on one day.

KASHMIR : Data not available.

LAHORE DIVISION : Rainfall was nearly general on two days.

RAWALPINDI DIVISION : Rainfall was nearly general on two days.

MULTAN DIVISION : Rainfall was nearly general on two days.

BAHAWALPUR DIVISION : Scattered rain was reported on two days.

PESHAWAR DIVISION : Nearly general rain fell on one day and scattered on another day.

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

QUETTA DIVISION : Nearly general rain was recorded on three days and local on one day.

KALAT (NORTH) DIVISION : Nearly general rain fell on two days, local on one day and scattered on another day.

KALAT (SOUTH) DIVISION : Local rain was reported on one day and scattered on another day.

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

KHAIRPUR DIVISION : Rainfall was nearly general on one day and local on another day.

JUNAGARH : Data not available.

3. The week's rainfall was in large excess in Rajshahi division and in West Pakistan outside Peshawar division where it was in slight excess. No rain fell in the rest of East Pakistan.

Rainfall for the period from 1st November, 1956 to date was in large excess in Dacca, Rajshahi, Lahore, Multan, Quetta, Kalat and Khairpur divisions, in excess over Chittagong division, normal in Rawalpindi and D.I. Khan divisions and scanty elsewhere over the country outside Bahawalpur division where it was deficient.

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, 1956 to date.

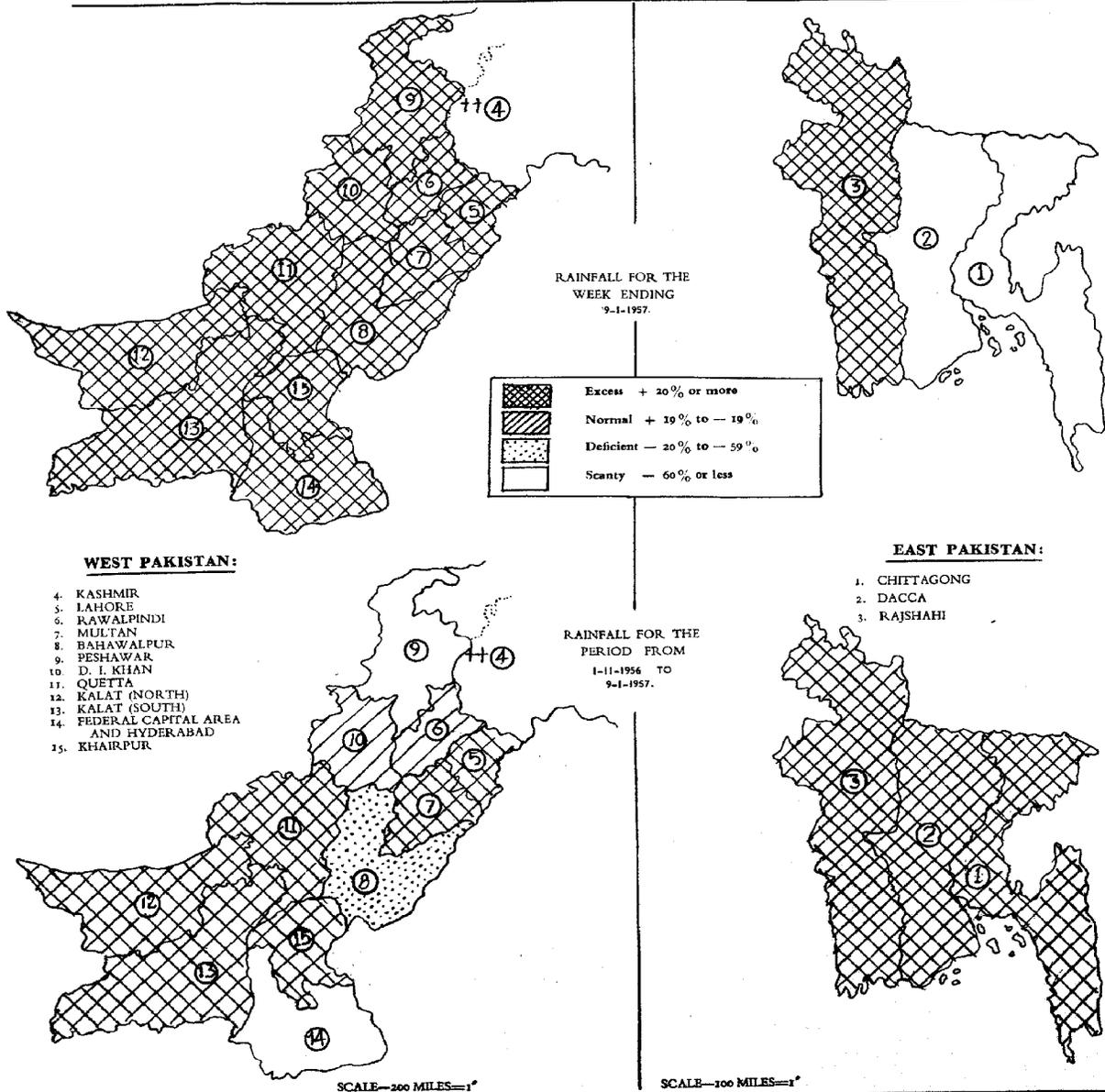
KARACHI-11. }  
The 9th January, 1957. }

M. S. HIDAYATULLAH,  
for Director, Meteorological Service.

# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 9th January, 1957.			Rainfall for period from 1st November, 1956 to 9th January, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0	0	2.9	2.3	+ 0.6	+ 27
2. Dacca	0	0	0	2.3	1.3	+ 1.0	+ 73
3. Rajshahi	0.3	0	+ 0.3	3.0	0.9	+ 1.1	+ 127
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.5	0.2	+ 1.4	1.6	1.0	+ 0.6	+ 62
6. Rawalpindi	0.8	0.4	+ 0.5	2.1	2.0	+ 0.1	+ 5
7. Multan	0.9	0	+ 0.8	0.9	0.4	+ 0.5	+ 115
8. Bahawalpur	0.2	0	+ 0.2	0.2	0.2	— 0.1	— 21
9. Peshawar	0.3	0.2	+ 0.1	0.6	1.8	— 1.2	— 65
10. D. I. Khan	0.4	0.1	+ 0.3	0.7	0.7	0	+ 1
11. Quetta	2.0	0.2	+ 1.8	2.6	1.4	+ 1.3	+ 91
12. Kalat (North)	1.5	0.2	+ 1.3	2.6	1.2	+ 1.4	+ 116
13. Kalat (South)	0.5	0.2	+ 0.3	2.2	1.1	+ 1.1	+ 91
14. F. C. A. & H <sup>o</sup> Bad.	0.1	0	+ 0.1	0.1	0.3	— 0.2	— 75
15. Khairpur	2.0	0	+ 2.0	2.1	0.2	+ 1.8	+ 832
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 16th January, 1957.

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## SUMMARY OF WEATHER

**EAST PAKISTAN :** Last week's secondary western disturbance over Chota Nagpur moved northeastwards across sub-Himalayan Bengal causing scattered to local rain with a few heavy falls in East Pakistan on the first day of the week.

Thereafter, another secondary western disturbance moving across north Bay of Bengal was responsible for fairly widespread rain with a few thundershowers in East Pakistan on the following two days and in Chittagong division on the 13th, while a few falls were reported from the rest of the region on the same day.

Weather remained dry during the rest of the week.

More important amounts of rainfall during the week were : Bogra 6", Sirajganj 3", Mymensingh and Dinajpur 2" each and Rangpur 1½" on the 10th ; Barisal 3", Narayanganj, Khulna and Satkhira 2" each, Comilla, Brahmanbaria, Dacca and Faridpur 1½" each and Srimangal, Jessore, Sirajganj and Bogra 1" each on the 11th ; Cox's Bazar, Chittagong, Majidce Court and Barisal 1½" each, Dacca and Khulna 1" each on the 12th and Cox's Bazar 2" and Mymensingh 1" on the 13th.

Night temperatures were markedly to considerably above normal in the region during the first three days and appreciably below normal on the 14th.

**WEST PAKISTAN :** The depression over Lahore division on the last day of the previous week weakened considerably and moved to Punjab-Kumaon hills after causing scattered rain in and around Lahore division on the first day of the week.

On the following two days, local to fairly widespread rain fell in Peshawar and scattered in Lahore division, while a few snowfalls were reported from the hills when two western disturbances crossed the extreme north of West Pakistan in quick succession.

Thereafter, the northeast-ward passage of an active western disturbance from Kalat division gave rise to a spell of wet weather with snowfalls over the hills in Quetta, Kalat, Peshawar and D.I. Khan divisions on the 13th and in most of West Pakistan on the following day.

The noteworthy amounts of rainfall during the week were : Murree ½" on the 12th ; Hindubagh 2", Harnai, Nushki and Panni 1½" each, Drosh, Wana and Quetta 1" each and Kalat ½" on the 13th ; and Murree ½" on the 14th.

Night temperatures were appreciably to markedly below normal in West Pakistan on the last two nights and in the northern parts only during the rest of the week.

2. **CHITTAGONG DIVISION :** Nearly general rain fell on two days, local on one day and scattered on another day.

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

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

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Nearly general rain was reported on one day and local on another day.

**RAWALPINDI DIVISION :** Rainfall was nearly general on two days, local on one day and scattered on other two days.

**MULTAN DIVISION :** Scattered rain was reported on one day.

**BAHAWALPUR DIVISION :** Scattered rain was reported on one day.

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

**D. I. KHAN DIVISION :** Nearly general rain was recorded on one day and local on another day.

**QUETTA DIVISION :** Nearly general rain fell on one day.

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

**KALAT (SOUTH) DIVISION :** Local rain was reported on one day.

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

**KHAIRPUR DIVISION :** Scattered rain fell on one day.

**JUNAGARH :** Data not available.

3. The week's rainfall was in slight excess over Lahore division, deficient in Multan division, scanty in Hyderabad divisions and the Federal Capital Area and in large excess elsewhere over the country.

Rainfall for the period from 1st November, 1956 to date was in large excess over East Pakistan and in Multan, Quetta, Kalat and Khairpur divisions, in excess over Lahore and Rawalpindi divisions, normal in Bahawalpur and D.I. Khan divisions and deficient elsewhere over the country outside Hyderabad division and the Federal Capital Area where it was scanty.

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, 1956 to date.

KARACHI-11.

The 16th January, 1957.

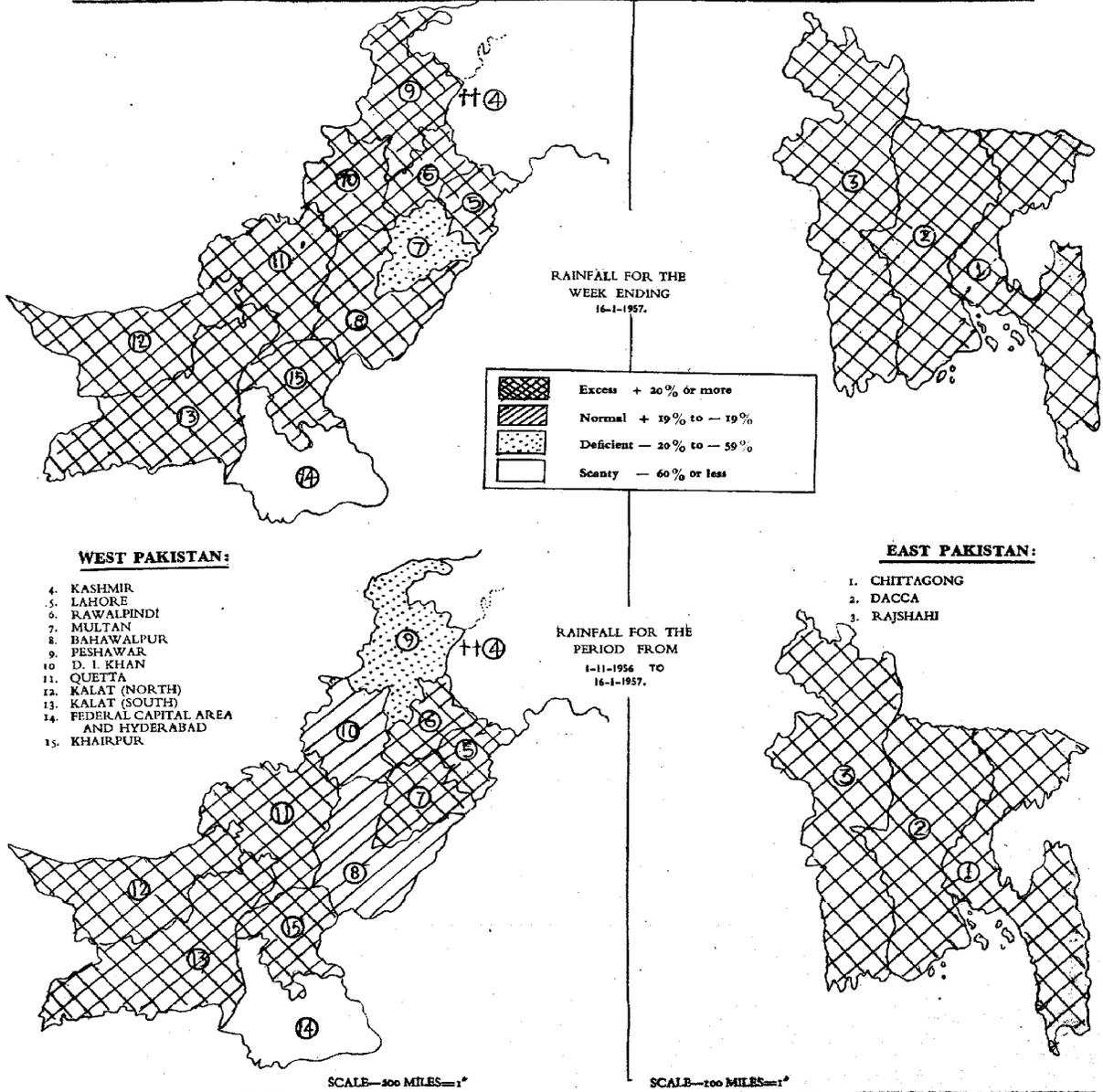
S. N. NAQVI.

Director, Meteorological Service.

# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 16th January, 1957.			Rainfall for period from 1st November, 1956 to 16th January, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.5	0	2.5	5.5	2.3	3.2	137
2. Dacca	3.2	0	3.2	5.5	1.3	4.2	314
3. Rajshahi	3.3	0.1	3.2	5.3	0.9	4.3	466
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.5	0.3	0.1	2.0	1.4	0.7	49
6. Rawalpindi	1.0	0.5	0.5	3.1	2.5	0.6	24
7. Multan	0.1	0.1	— 0.1	0.9	0.5	0.4	82
8. Bahawalpur	0	0	0	0.2	0.2	0	— 17
9. Peshawar	0.8	0.4	0.4	1.4	2.2	— 0.7	— 34
10. D. I. Khan	0.3	0.1	0.1	1.0	0.8	0.1	18
11. Quetta	0.8	0.3	0.5	3.5	1.7	1.7	102
12. Kalat (North)	0.5	0.3	0.3	3.2	1.5	1.7	111
13. Kalat (South)	0.7	0.3	0.4	2.9	1.4	1.5	105
14. F. C. A. & H'Bad.	0	0	0	0.1	0.3	— 0.3	— 78
15. Khairpur	0.2	0	0.1	2.2	0.3	2.0	754
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 January, 1957.

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### SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather remained dry and night temperatures were appreciably above normal during the week.

**WEST PAKISTAN :** A western disturbance lying over Afghanistan induced a secondary over the northwest sector of north Arabian Sea on the first day. The secondary moved eastwards and became unimportant on the 19th after causing scattered to local rain in south Kalat division on the above three days while the primary moved to Kashmir across Peshawar division and gave rise to local to fairly widespread rain in Lahore and Rawalpindi divisions on the 18th and a few falls of rain and snow in the extreme north of West Pakistan on the following day. Thereafter, scattered rain with a few falls of snow over the hills was reported from Kalat and Quetta divisions on the 20th and the 21st in association with the northeast-ward passage of two western disturbances from Kalat division.

Two more western disturbances moving across the extreme north caused a few light falls of rain in Peshawar division on the last two days.

The significant amounts of rainfall during the week were : Ormara 1" on the 17th ; Lahore and Pasni 1" each and Sialkot  $\frac{3}{4}$ " on the 18th and Pasni  $\frac{1}{4}$ " on the 19th.

Night temperatures were appreciably to markedly below normal in most of West Pakistan on the first three nights and were appreciably above normal on the last two nights.

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

**DACCA DIVISION :** Weather remained dry.

**RAJSHAHI DIVISION :** Weather remained dry.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Rainfall was nearly general on one day.

**RAWALPINDI DIVISION :** Local rain fell on one day.

**MULTAN DIVISION :** Weather was dry.

**BAHAWALPUR DIVISION :** Weather was dry.

**PESHAWAR DIVISION :** Scattered rain fell on one day.

**D. I. KHAN DIVISION :** Weather remained dry.

**QUETTA DIVISION :** Scattered rain fell on one day.

**KALAT (NORTH) DIVISION :** Scattered rain was reported on one day.

**KALAT (SOUTH) DIVISION :** Rainfall was local on two days and scattered on two other days.

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in Lahore, Kalat (south) divisions and scanty in Rawalpindi, Peshawar, Quetta and Kalat (north) divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1956 to date was in large excess over East Pakistan and in Quetta, Kalat and Khairpur divisions, in excess in Lahore and Multan divisions, normal in Rawalpindi and D.I. Khan divisions and deficient elsewhere over West Pakistan outside Hyderabad division and the Federal Capital Area where it was scanty.

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, 1956 to date.

KARACHI-11. }  
The 23rd January, 1957. }

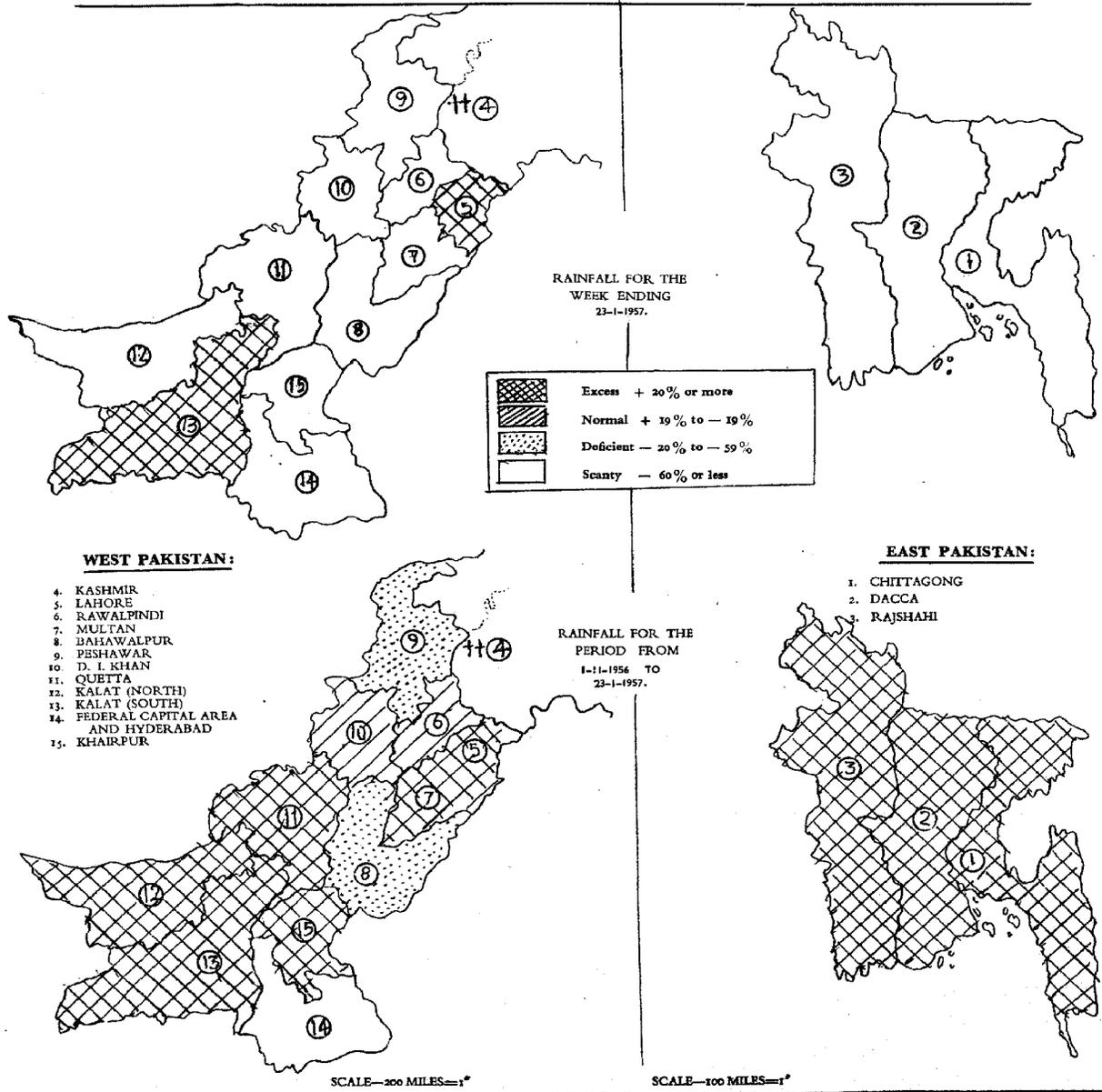
S. N. NAQVI.  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 23rd January, 1957.			Rainfall for period from 1st November 1956 to 23rd January, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.1	— 0.1	5.5	2.4	+ 3.1	+ 131
2. Dacca	0	0.1	— 0.1	5.5	1.4	+ 4.1	+ 290
3. Rajshahi	0	0.1	— 0.1	5.3	1.0	+ 4.2	+ 415
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.8	0.4	+ 0.4	2.9	1.8	+ 1.1	+ 59
6. Rawalpindi	0.2	0.6	— 0.3	3.3	3.0	+ 0.3	+ 8
7. Multan	0	0.1	— 0.1	0.9	0.6	+ 0.3	+ 42
8. Bahawalpur	0	0.1	— 0.1	0.2	0.3	— 0.1	— 43
9. Peshawar	0	0.5	— 0.5	1.5	2.7	— 1.2	— 45
10. D. I. Khan	0	0.2	— 0.2	1.0	1.0	0	— 3
11. Quetta	0.1	0.3	— 0.2	3.5	2.0	+ 1.5	+ 77
12. Kalat (North)	0.1	0.3	— 0.2	3.2	1.7	+ 1.5	+ 85
13. Kalat (South)	2.3	0.4	+ 1.9	5.2	1.8	+ 3.3	+ 182
14. F. C. A. & H'Bad.	0	0.1	— 0.1	0.1	0.4	— 0.3	— 82
15. Khairpur	0	0.1	— 0.1	2.2	0.3	+ 1.9	+ 534
16. Jamagadh ††	—	—	—	—	—	—	—

\* 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 30th January, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather remained dry and night temperatures were appreciably above normal throughout the week.

**WEST PAKISTAN :** A western disturbance lying over Quetta division and neighbourhood caused fairly widespread rain in Kalat division and scattered in Quetta and Peshawar divisions on the 25th, moving slowly east-northeast-wards and deepening at the same time, it passed across Multan division to Rawalpindi division by the 27th and was responsible for fairly widespread rain in north Kalat, Quetta Multan D.I. Khan, Peshawar, Lahore and Rawalpindi divisions and scattered light rain elsewhere over West Pakistan with locally moderate to heavy falls in Peshawar and Rawalpindi divisions on the 26th and the 27th. The disturbance weakened and finally moved away eastwards on the 25th after causing local rain in and around Rawalpindi division. A few snowfalls were also reported from the hills of the affected regions during the above four days.

Thereafter, a low pressure wave moving eastwards across the extreme north of West Pakistan gave rise to scattered rain or snowfalls in Peshawar and Rawalpindi divisions on the 29th.

On the last day of the week, local to fairly widespread rain or thundershowers occurred in Peshawar, Rawalpindi and Lahore divisions and scattered in Multan division while a few snowfalls were reported from the hills of the extreme north on account of a western disturbance lying over Peshawar division.

Some of the more important amounts of rainfall during the week were : Murree  $1\frac{1}{2}$ " , Harnai, Kakul and Chaman 1" each on the 26th ; Cherat 3" , Jhelum 2" , Murree  $1\frac{1}{4}$ " and Sialkot, Drosh, Kakul and Campbellpur 1" each on the 27th ; Murree 1" on the 28th and Cherat 1" on the 30th.

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

**DACCA DIVISION :** Weather remained dry.

**RAJSHAHI DIVISION :** Weather remained dry.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Nearly general rain was reported on one day and local on two other days.

**RAWALPINDI DIVISION :** Rainfall was nearly general on two days, local on two other days and scattered on one day.

**MULTAN DIVISION :** Nearly general rain fell on one day.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Nearly general, local and scattered rain each was reported on two days.

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

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

**KALAT (NORTH) DIVISION :** Nearly general rain fell on two days.

**KALAT (SOUTH) DIVISION :** Local rain fell on one day and scattered on another day.

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGARH :** Data not available.

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

Rainfall for the period from 1st November, 1956 to date, was in large excess over East Pakistan, Lahore, Multan, Quetta, Kalat and Khairpur divisions, in excess over Rawalpindi and Peshawar divisions, normal in D.I. Khan division, deficient in Bahawalpur division and scanty in Hyderabad division and Federal Capital Area.

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, 1956 to date.

KARACHI-11. }

The 30th January, 1957. }

M. S. HIDAYATULLAH

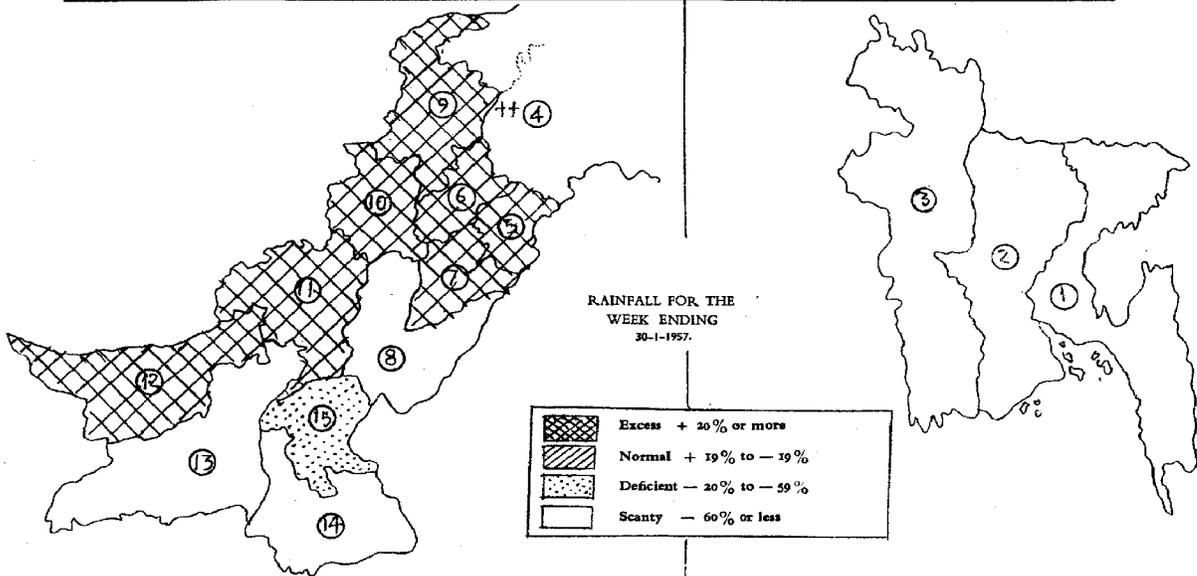
for Director, Meteorological Service.



# WEEKLY WEATHER REPORT

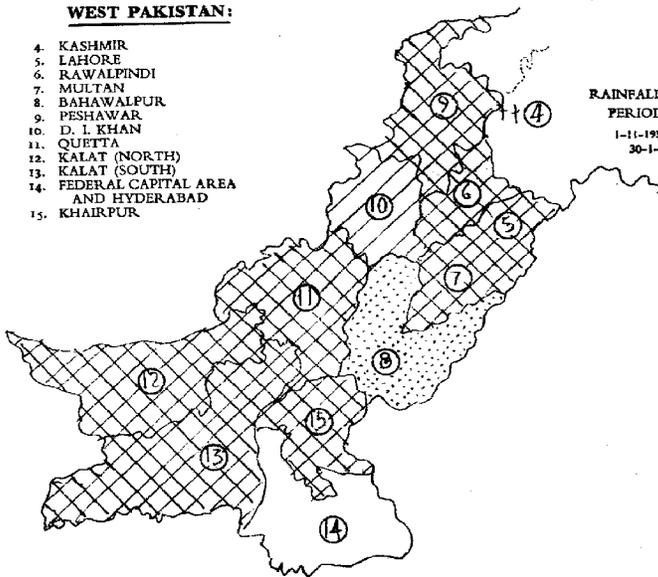
Division.	Rainfall for week ending on 30th January, 1957.			Rainfall for period from 1st November 1956 to 30th January, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.1	— 0.1	5.5	2.5	+ 3.0	+ 120
2. Dacca	0	0.2	— 0.2	5.5	1.6	+ 3.9	+ 235
3. Rajshahi	0	0.2	— 0.2	5.6	1.2	+ 4.1	+ 338
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.5	0.4	+ 1.1	4.3	2.2	+ 2.1	+ 96
6. Rawalpindi	1.9	0.7	+ 1.3	5.2	3.7	+ 1.5	+ 40
7. Multan	0.4	0.1	+ 0.3	1.3	0.7	+ 0.5	+ 73
8. Bahawalpur	0	0.1	— 0.1	0.2	0.4	— 0.2	— 49
9. Peshawar	2.7	0.6	+ 2.1	4.1	3.2	+ 0.9	+ 28
10. D. I. Khan	0.3	0.3	+ 0.1	1.3	1.2	+ 0.1	+ 7
11. Quetta	0.6	0.4	+ 0.2	4.1	2.4	+ 1.7	+ 73
12. Kalat (North)	0.7	0.3	+ 0.5	4.0	2.0	+ 2.0	+ 99
13. Kalat (South)	0	0.6	— 0.6	5.2	2.4	+ 2.8	+ 115
14. F. C. A. & H'Bad.	0	0.1	— 0.1	0.1	0.5	— 0.4	— 85
15. Khairpur	0.1	0.1	0	2.3	0.4	+ 1.9	+ 420
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.

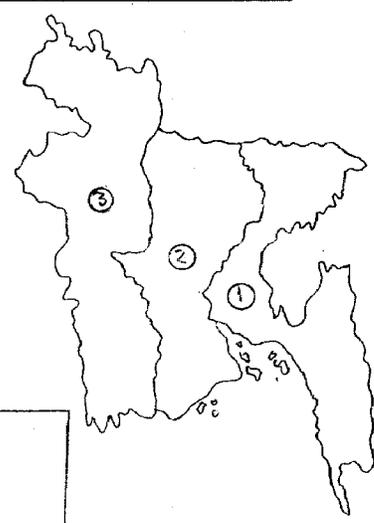


**WEST PAKISTAN:**

- 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

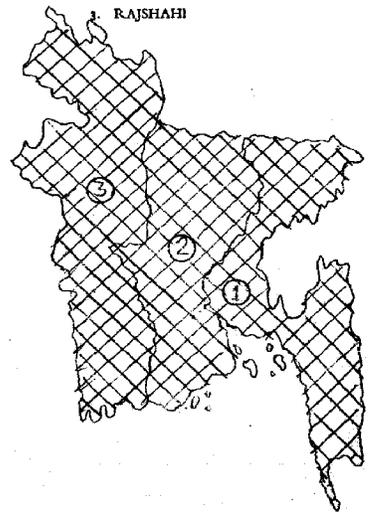


SCALE—200 MILES—1"



**EAST PAKISTAN:**

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



SCALE—100 MILES—1"

## WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 6th February, 1957.

—o:O:o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** The passage of two low pressure waves from the west across East Pakistan in the beginning and towards the end of the week were responsible for local rain in the region on the first two days and scattered falls in the Chittagong division on the last day of the week. The weather, otherwise, remained dry.

Chief amounts of rainfall during the week were :—Mymensingh and Narayanganj  $\frac{1}{4}$ " each and Rangpur  $\frac{1}{2}$ " on the 31st ; Brahmanbaria  $\frac{1}{2}$ " on the 1st and Cox's Bazar  $\frac{1}{2}$ " on the 6th.

Night temperatures were appreciably above normal on the first two days and appreciably below normal on the 3rd and the 6th.

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

Another western disturbance moving from Afghanistan through Peshawar division between the 1st and 3rd was responsible for local rain in Quetta division and scattered rain or snow in Rawalpindi, Peshawar and D.I. Khan divisions on the 2nd, and in Peshawar division alone the next day. It was closely followed by another western disturbance which lay over Quetta division on the 3rd and rapidly moved away northeast-wards the next day, after causing local rain in Quetta division and scattered falls in north Kalat division on the 3rd.

A secondary western disturbance from Iran moved to Quetta division on the last day of the week. It was well marked and caused scattered rain in the Quetta and north Kalat divisions on the 6th.

Chief amounts of rainfall during the week were :—Murree  $\frac{1}{2}$ " on the 31st ; Kakul  $\frac{1}{2}$ " on the 2nd and Quetta  $\frac{1}{2}$ " on the 3rd.

Night temperatures were appreciably below normal in most of West Pakistan on the first two days and were markedly above normal in Lahore, Multan, D.I. Khan, Quetta and north Kalat divisions on the last three days of the week.

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

**DACCA DIVISION :** Rainfall was scattered on one day.

**RAJSHAHI DIVISION :** Local rain fell on one day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Weather remained dry.

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

**MULTAN DIVISION :** Weather was dry.

**BAHAWALPUR DIVISION :** Weather was dry.

**PESHAWAR DIVISION :** Scattered rain fell on two days.

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

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

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

**KALAT (SOUTH) DIVISION :** Weather remained dry.

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGARH :** Data not available.

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

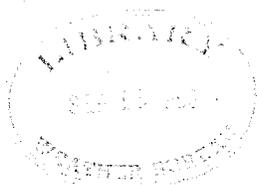
Rainfall for the period from 1st November, 1956 to date was in large excess in East Pakistan and in Lahore, Kalat and Khairpur divisions, in excess in Rawalpindi, Multan and Quetta divisions, normal in Peshawar and D.I. Khan divisions, deficient in Bahawalpur division and scanty elsewhere in West Pakistan.

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, 1956 to date.

KARACHI-11. }  
The 6th February, 1957. }

S. N. NAQVI.

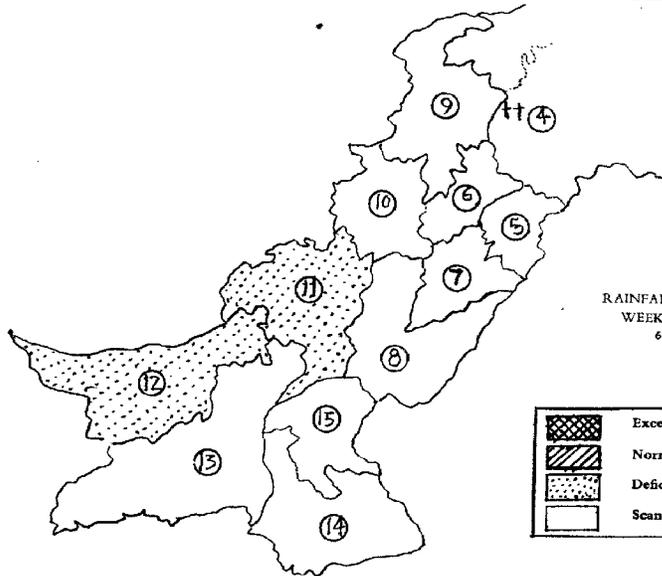
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 6th February, 1957.			Rainfall for period from 1st November 1956 to 6th February, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.4	0.1	+ 0.3	5.9	2.6	+ 3.3	+ 126
2. Dacca	0.1	0.1	— 0.1	5.5	1.8	+ 3.8	+ 214
3. Rajshahi	0.2	0.1	+ 0.1	5.4	1.3	+ 4.1	+ 309
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	— 0.3	4.3	2.5	+ 1.8	+ 71
6. Rawalpindi	0.3	0.7	— 0.4	5.5	4.4	+ 1.1	+ 24
7. Multan	0	0.1	— 0.1	1.3	0.9	+ 0.4	+ 46
8. Bahawalpur	0	0.1	— 0.1	0.2	0.5	— 0.3	— 56
9. Peshawar	0.1	0.7	— 0.6	4.3	3.9	+ 0.3	+ 9
10. D. I. Khan	0.1	0.3	— 0.2	1.3	1.5	— 0.1	— 10
11. Quetta	0.3	0.4	— 0.2	4.4	2.8	+ 1.6	+ 56
12. Kalat (North)	0.2	0.4	— 0.2	4.2	2.4	+ 1.8	+ 74
13. Kalat (South)	0	0.7	— 0.7	5.2	3.1	+ 2.0	+ 65
14. F. C. A. & H'Bad.	0	0.1	— 0.1	0.1	0.6	— 0.5	— 88
15. Khairpur	0	0.1	— 0.1	2.3	0.5	+ 1.7	+ 316
16. Junagadh ††	—	—	—	—	—	—	—

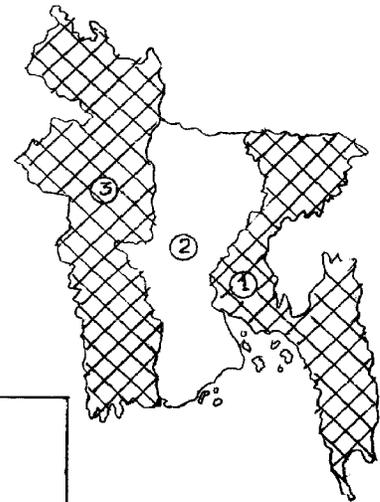
\* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".  
 † Rainfall of stations having no normals is not included. †† Data not available.



**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

RAINFALL FOR THE  
PERIOD FROM  
1-11-1956 TO  
6-2-1957.

SCALE—100 MILES—1"

## WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 13th February, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** The passage of two western disturbances across East Pakistan was responsible for fairly widespread rain in Rajshahi and Dacca divisions and local in Chittagong division on the 11th, when Dacca and Sirajganj reported 2" each, Brahmanbaria, Srimangal, Mymensingh, Faridpur, Jessore and Bogra 1½" each and Narayanganj and Barisal 1" each. Scattered showers also occurred in Rajshahi and Chittagong divisions on the 9th and in Chittagong and Dacca divisions on the 12th. Weather remained dry on other days of the week.

Night temperatures were appreciably above normal on the 9th and the 12th and below normal on the last night.

**WEST PAKISTAN :** Last week's secondary western disturbance while moving across Quetta, Multan and Lahore divisions to the Punjab (India) caused widespread rain or thundershowers in the Rawalpindi division on the 7th and in the Lahore division on the 8th, with scattered showers or local rain over the rest of northern parts of West Pakistan on the 7th, in Rawalpindi and Peshawar divisions on the 8th and 9th. The hills of the effected divisions received snowfall on all these days.

Weather remained dry during the rest of the week except for a few falls of rain in Peshawar division and of snow in Quetta division on the last day in connection with a western disturbance which affected the extreme north of the country.

Significant amounts of rainfall during the week were : Haripur 1", Khushab, Drosh, Kakul ¾" each, Rawalpindi, Cherat and Campbellpur ½" each on the 7th and Sialkot and Kakul ¼" each on the 9th.

Night temperatures were markedly above normal in the northern parts of West Pakistan and markedly below normal in Kalat division on the first day. Thereafter, they were generally markedly below normal in most parts of West Pakistan.

2. **CHITTAGONG DIVISION :** Nearly general rain was reported on one day.

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

**RAJSHAHI DIVISION :** Nearly general rain fell on one day and scattered on another day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Nearly general rain was reported on one day and local on another day.

**RAWALPINDI DIVISION :** Rainfall was nearly general on one day and local on another day.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Local rain fell on one day and scattered on another day.

**D. I. KHAN DIVISION :** Weather remained dry.

**QUETTA DIVISION :** Scattered rain was reported 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.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess over East Pakistan, in excess over Lahore and Rawalpindi divisions and scanty in Multan, Peshawar, Quetta and Kalat (north) divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1956 to date was in large excess over East Pakistan, and in Lahore and Khairpur divisions, in excess over Rawalpindi, Multan, Quetta and Kalat divisions, normal in Peshawar division and scanty elsewhere over the country outside D.I. Khan division where it was deficient.

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, 1956 to date.

KARACHI-11. }  
The 13th February, 1957. }

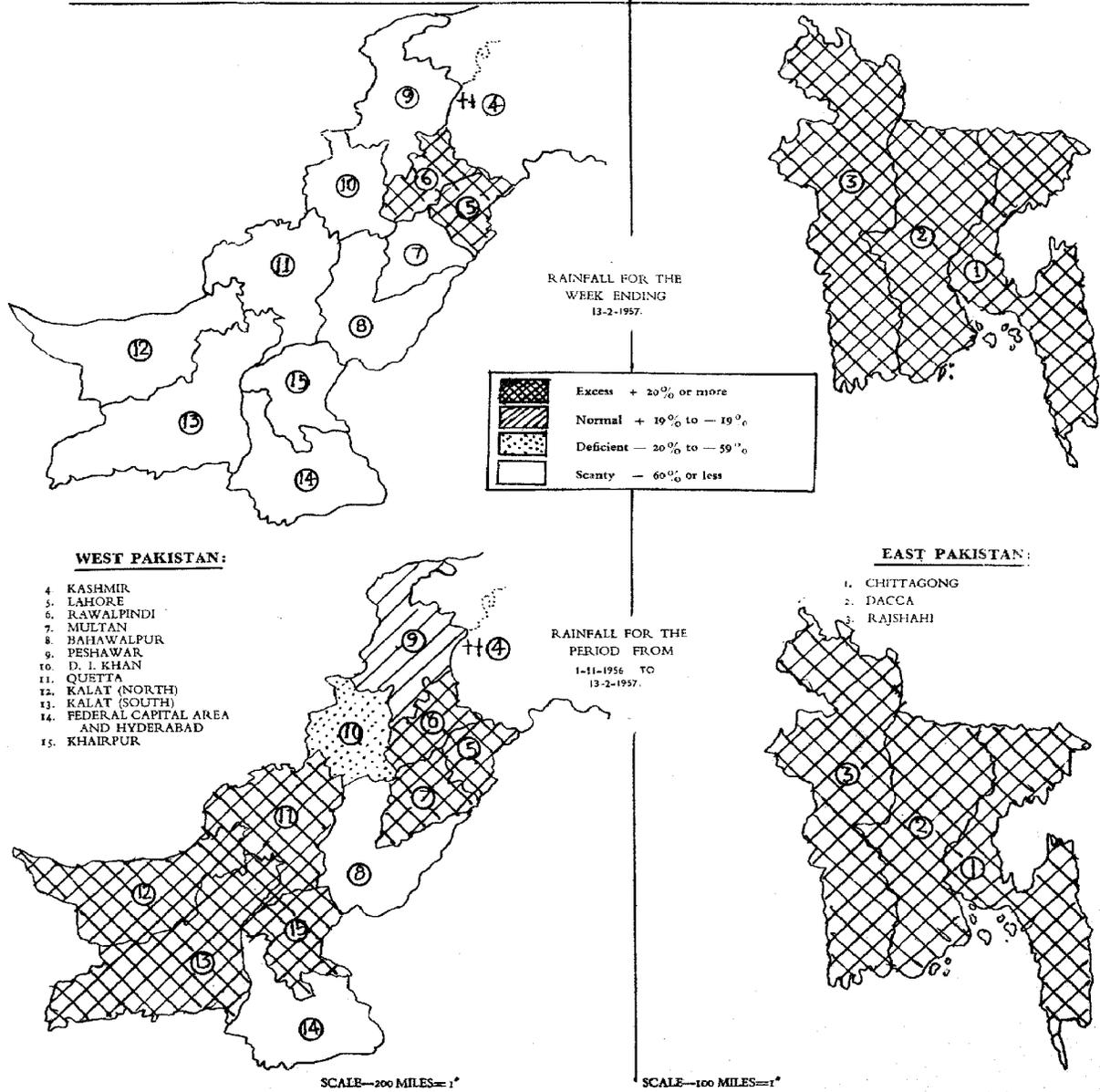
S. N. NAQVI.

Director, Meteorological Service.

# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 13th February, 1957.			Rainfall for period from 1st November 1956 to 13th February, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.6	0.2	+ 0.4	6.5	2.8	+ 3.7	+ 133
2. Dacca	1.4	0.2	+ 1.2	7.0	2.0	+ 5.0	+ 251
3. Rajshahi	0.8	0.2	+ 0.6	6.2	1.5	+ 4.7	+ 301
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.4	0.3	+ 0.1	4.7	2.9	+ 1.9	+ 65
6. Rawalpindi	0.7	0.6	+ 0.1	6.2	5.0	+ 1.2	+ 24
7. Multan	0	0.1	- 0.1	1.3	1.0	+ 0.3	+ 32
8. Bahawalpur	0	0.1	- 0.1	0.2	0.6	- 0.4	- 63
9. Peshawar	0.3	0.7	- 0.5	4.5	4.6	- 0.1	- 2
10. D. I. Khan	0	0.2	- 0.2	1.3	1.7	- 0.3	- 20
11. Quetta	0.1	0.5	- 0.4	4.5	3.3	+ 1.2	+ 37
12. Kalat (North)	0	0.4	- 0.4	4.2	2.8	+ 1.4	+ 49
13. Kalat (South)	0	0.3	- 0.3	5.2	3.4	+ 1.7	+ 50
14. F. C. A. & H'Bad.	0	0.1	- 0.1	0.1	0.7	- 0.6	- 88
15. Khairpur	0	0.1	- 0.1	2.3	0.6	+ 1.7	+ 263
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 20th February, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather remained dry and night temperatures were appreciably to markedly below normal in the region during the week except on the last day when they were appreciably above normal.

**WEST PAKISTAN :** Weather remained dry during the first four days except for a few light falls in Peshawar division on the 14th and the 17th due to the passage of two feeble western disturbances across the extreme north of West Pakistan.

Thereafter, a western disturbance moved across the extreme north with its secondary moving from Quetta division to Rajasthan (India) and was responsible for fairly widespread rain in Peshawar division and a few falls in Rawalpindi, D.I. Khan and Quetta divisions with scattered snowfall in Rawalpindi and Peshawar divisions on the 19th and scattered rain or snowfall in Quetta, Peshawar and D.I. Khan divisions on the 18th and the 20th. Parachinar reported 1" of precipitation on the 18th.

Night temperatures were considerably below normal in north Kalat division on the 20th and were appreciably so on the first two days and the last day. They were appreciably above normal between the 17th and the 19th over most of the region.

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 was reported 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 :** 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.

**JUNAGARH :** Data not available.

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

Rainfall for the period from 1st November 1956 to date was in large excess over East Pakistan and in Khairpur division, in excess over Lahore, Quetta and Kalat divisions, normal in Rawalpindi, Multan and Peshawar divisions and scanty elsewhere over the country outside D. I. Khan division where it was deficient.

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, 1956 to date.

KARACHI-11. }  
The 20th February, 1957. }

M. S. HIDAYATULLAH.

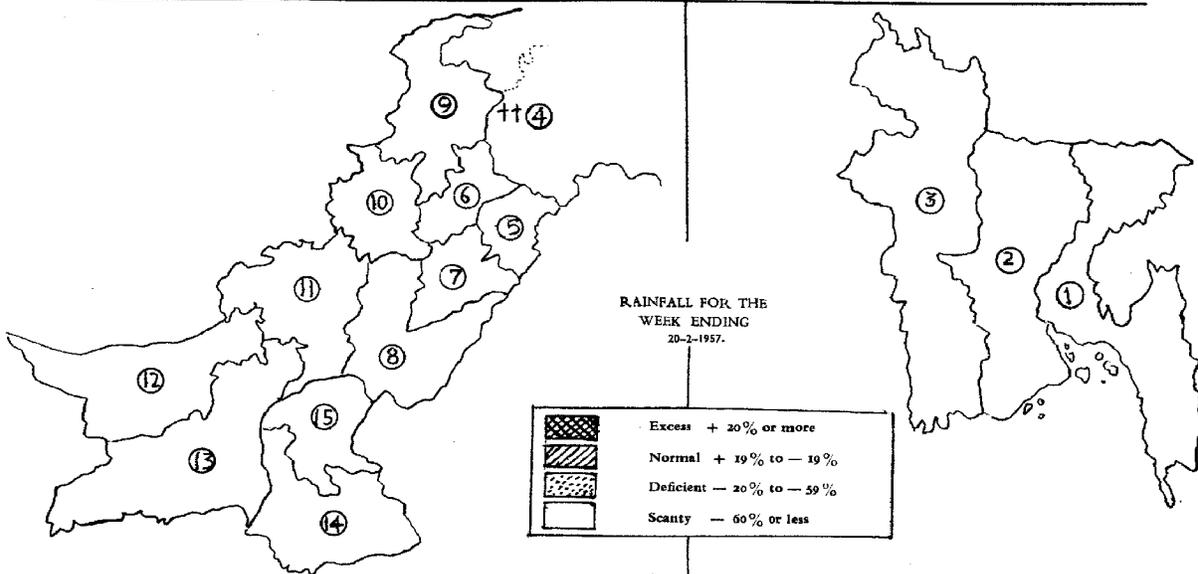
for Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 20th February, 1957.			Rainfall for period from 1st November 1956 to 20th February, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.4	— 0.4	6.5	3.2	+ 3.3	+ 106
2. Dacca	0	0.3	— 0.3	7.0	2.3	+ 4.7	+ 203
3. Rajshahi	0	0.3	— 0.3	6.2	1.8	+ 4.4	+ 245
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	— 0.3	4.7	3.2	+ 1.5	+ 47
6. Rawalpindi	0.2	0.6	— 0.4	6.4	5.6	+ 0.8	+ 14
7. Multan	0	0.1	— 0.1	1.3	1.1	+ 0.2	+ 18
8. Bahawalpur	0	0.1	— 0.1	0.2	0.7	— 0.4	— 67
9. Peshawar	0.2	0.8	— 0.6	4.7	5.4	— 0.7	— 13
10. D. I. Khan	0	0.4	— 0.4	1.3	2.1	— 0.7	— 35
11. Quetta	0.1	0.4	— 0.3	4.5	3.6	+ 0.9	+ 25
12. Kalat (North)	0	0.2	— 0.2	4.2	3.0	+ 1.2	+ 40
13. Kalat (South)	0	0.4	— 0.4	5.2	3.8	+ 1.4	+ 36
14. F. C. A. & H'Bad.	0	0.1	— 0.1	0.1	0.8	— 0.7	— 91
15. Khairpur	0	0.1	— 0.1	2.3	0.7	+ 1.6	+ 227
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.

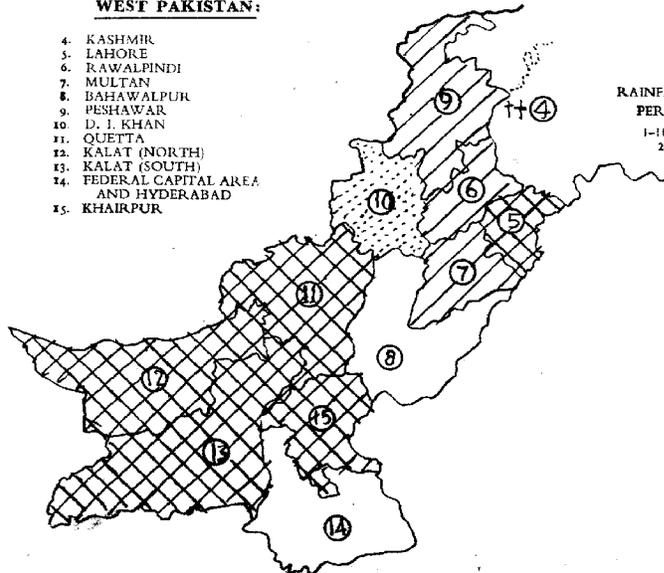


**WEST PAKISTAN:**

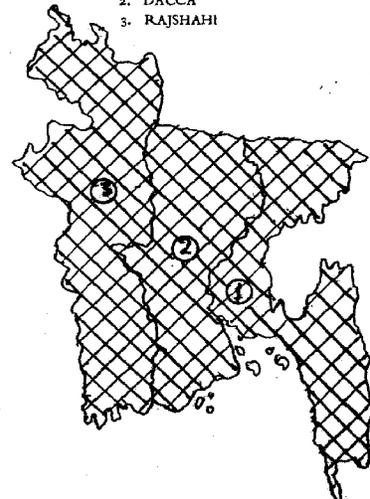
- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

**EAST PAKISTAN:**

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



RAINFALL FOR THE PERIOD FROM  
1-11-1956 TO  
20-2-1957.



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 27th February, 1957.

—o:O:o—

### SUMMARY OF WEATHER

EAST PAKISTAN : Weather remained dry during the first three days except for scattered rain or drizzle in Chittagong and Dacca divisions on the 21st due to the eastward passage of a low across East Pakistan.

Thereafter, a secondary western disturbance moved across East Pakistan causing scattered to local rain or showers in Dacca and Chittagong divisions on the 24th and a few falls in Chittagong division only on the 25th.

Scattered to local rain or thundershowers were reported from East Pakistan on the last two days owing to the eastward movement of a low pressure wave across the region.

Chief amounts of rainfall during the week were : Dacca  $\frac{1}{4}$ " and Comilla and Narayanganj  $\frac{1}{4}$ " each on the 24th and Comilla  $\frac{1}{4}$ " on the 25th.

Night temperatures were markedly above normal between the 22nd and the 25th and were appreciably so thereafter.

WEST PAKISTAN : Weather remained dry and night temperatures were appreciably to markedly below normal during the week.

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

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

RAJSHAHI DIVISION : Scattered rain fell on one day.

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 : 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.

JUNAGARH : Data not available.

3. The week's rainfall was normal in Chittagong division and deficient elsewhere over East Pakistan. No rain fell in West Pakistan.

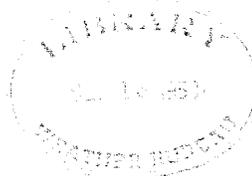
Rainfall for the period from 1st November, 1956 to date was in large excess over East Pakistan and in Khairpur division, in excess over Lahore and Kalat (north) divisions, normal in Rawalpindi, Multan, Peshawar, Quetta and Kalat (south) divisions and scanty elsewhere over the country outside D.I. Khan division where it was deficient.

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, 1956 to date.

KARACHI-11. }  
The 27th February, 1957. }

M. S. HIDAYETULLAH.

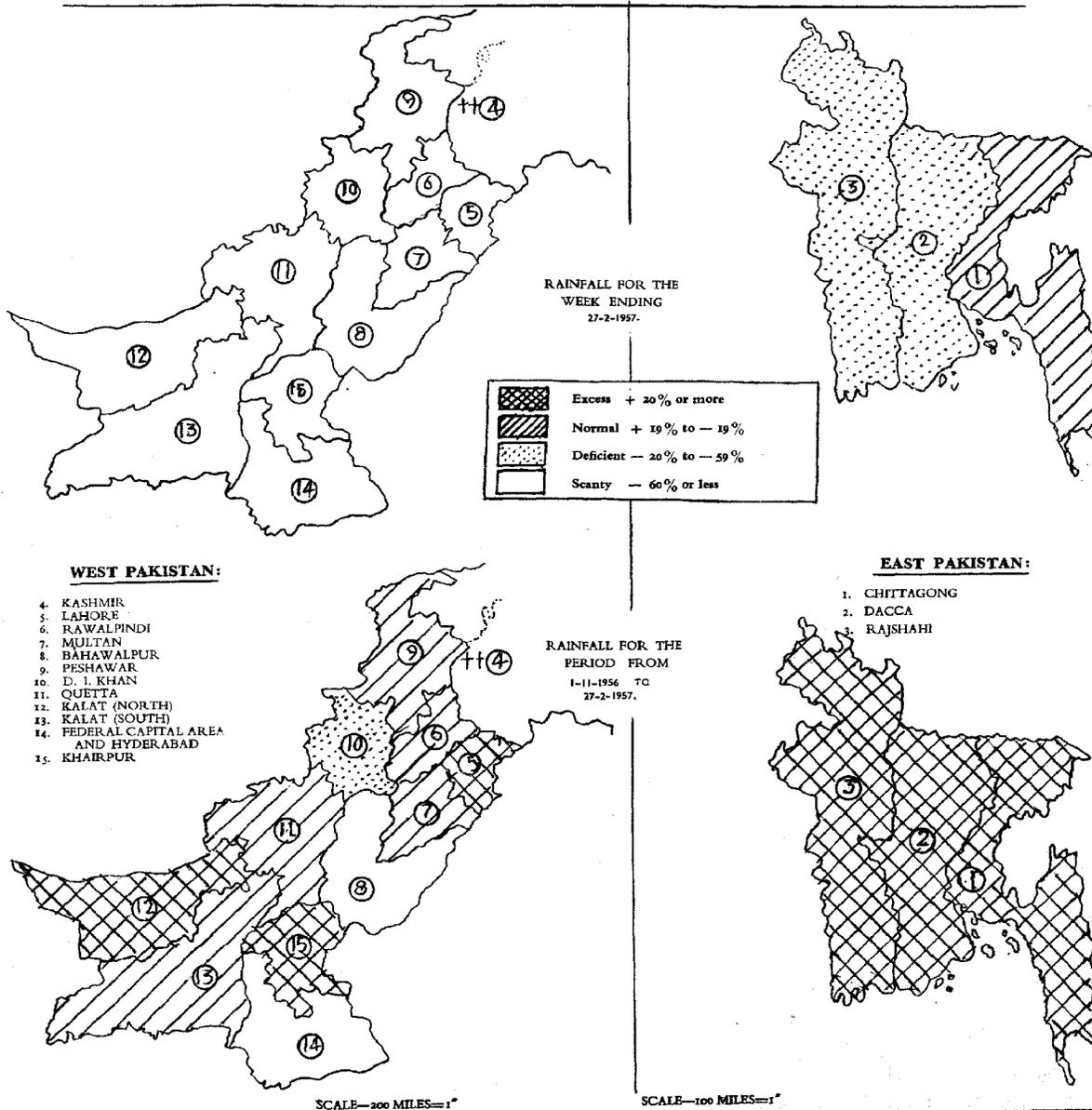
for Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 27th February, 1957.			Rainfall for period from 1st November 1956 to 27th February, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.4	0.3	0	6.9	3.5	+ 3.4	+ 97
2. Dacca	0.3	0.4	- 0.1	7.3	2.7	+ 4.6	+ 173
3. Rajshahi	0.1	0.3	- 0.1	6.4	2.1	+ 4.3	+ 210
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	- 0.3	4.7	3.5	+ 1.2	+ 33
6. Rawalpindi	0	0.7	- 0.7	6.4	6.3	+ 0.1	+ 1
7. Multan	0	0.1	- 0.1	1.3	1.2	+ 0.1	+ 6
8. Bahawalpur	0	0.1	- 0.1	0.2	0.7	- 0.5	- 69
9. Peshawar	0	0.3	- 0.3	4.7	5.7	- 1.0	- 18
10. D. I. Khan	0	0.6	- 0.6	1.3	2.7	- 1.3	- 49
11. Quetta	0	0.3	- 0.3	4.5	3.9	+ 0.6	+ 16
12. Kalat (North)	0	0.2	- 0.2	4.2	3.2	+ 1.0	+ 31
13. Kalat (South)	0	0.5	- 0.5	5.2	4.3	+ 0.8	+ 19
14. F. C. A. & H'Bad.	0	0.1	- 0.1	0.1	0.8	- 0.8	- 92
15. Khairpur	0	0.1	- 0.1	2.3	0.8	+ 1.5	+ 197
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 6th March, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Last week's low pressure wave over Rajshahi division moved away eastwards after causing local rain or thundershowers in Chittagong division on the first day of the week.

On the last day, a low pressure wave passing across west Bengal with its trough extending to Orissa coast was responsible for local to fairly widespread rain or thundershowers in Dacca and Rajshahi divisions and scattered in Chittagong division.

Weather was dry on other days of the week.

Significant amounts of rainfall during the week were :—Srimangal  $1\frac{1}{2}$ " and Sylhet  $\frac{1}{2}$ " on the 28th and Sirajganj  $1\frac{1}{2}$ ", Bogra 1" and Narayanganj, Dacca, Faridpur and Rangpur  $\frac{1}{4}$ " each on the 6th.

Night temperatures were markedly to considerably below normal on the 1st and the 2nd and appreciably above normal thereafter.

**WEST PAKISTAN :** A western disturbance which moved slowly northeast-wards from north Kalat division to Kashmir across D.I. Khan and Multan divisions between the 28th and the 5th was responsible for fairly widespread rain or thundershowers in Peshawar, Rawalpindi and Lahore divisions on the 4th and the 5th and local rain in Peshawar division on the 3rd in addition to scattered rain or thundershowers in northern parts of West Pakistan during the period in question. A few snowfalls were also reported from the hills of the affected regions.

Chief amounts of rainfall during the spell were : Parachinar  $\frac{1}{4}$ " on the 3rd ; Jhelum and Khaipur  $\frac{1}{2}$ " each and Murree, Cherat, Kakul and Campbellpur  $\frac{1}{2}$ " each on the 4th.

Night temperatures were generally appreciably below normal in most of West Pakistan on the first day and the last three days while they were appreciably above normal on other days of the week.

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

**DACCA DIVISION :** Rainfall was nearly general on one day.

**RAJSHAHI DIVISION :** Local rain was reported on one day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Nearly general rain was recorded on two days.

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

**MULTAN DIVISION :** Scattered rain was reported on one day.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Local rain fell on two days.

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

**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.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in Rajshahi division, normal in Dacca, Lahore and Rawalpindi divisions and scanty elsewhere over the country outside Chittagong and Multan divisions where it was deficient.

Rainfall for the period from 1st November, 1956 to date was in large excess over East Pakistan and in Khairpur division, in excess over Lahore and Kalat (North) divisions, normal in Rawalpindi, Multan, Quetta and Kalat (South) divisions and deficient elsewhere over West Pakistan outside Bahawalpur and Hyderabad divisions and the Federal Capital Area where it was scanty.

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, 1956 to date.

KARACHI-11. }  
The 6th March, 1957. }

M. S. HIDAYETULLAH.

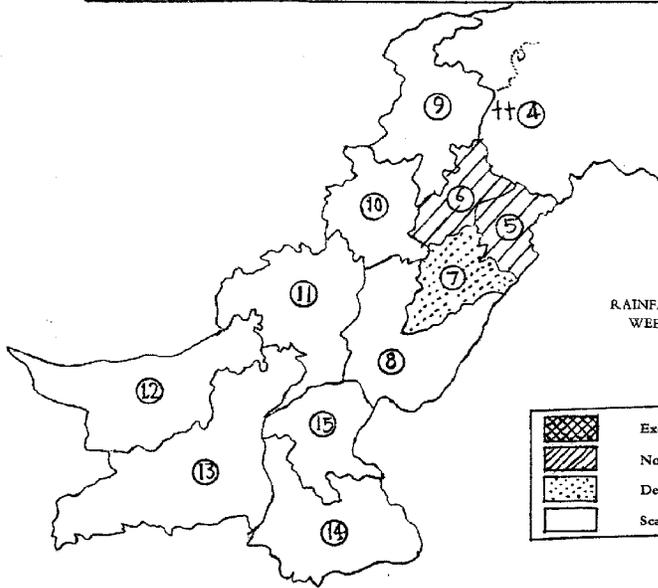
for Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 6th March, 1957.			Rainfall for period from 1st November 1956 to 6th March, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.3	0.6	— 0.3	7.1	4.1	+ 3.1	+ 76
2. Dacca	0.3	0.3	— 0.1	7.6	3.0	+ 4.5	+ 151
3. Rajshahi	0.4	0.2	+ 0.2	6.8	2.3	+ 4.5	+ 199
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.4	0.3	+ 0.1	5.1	3.9	+ 1.2	+ 32
6. Rawalpindi	0.6	0.7	— 0.1	7.0	7.0	0	—
7. Multan	0.1	0.1	— 0.1	1.4	1.4	0	+ 3
8. Bahawalpur	0	0.1	— 0.1	0.2	0.8	— 0.6	— 73
9. Peshawar	0.1	0.5	— 0.4	4.8	6.2	— 1.4	— 23
10. D. I. Khan	0.1	0.3	— 0.3	1.4	3.0	— 1.6	— 53
11. Quetta	0.1	0.3	— 0.2	4.7	4.2	+ 0.4	+ 10
12. Kalat (North)	0	0.1	— 0.1	4.2	3.3	+ 0.9	+ 26
13. Kalat (South)	0	0.1	— 0.1	5.2	4.4	+ 0.8	+ 18
14. F. C. A. & H'Bad.	0	0	— 0	0.1	0.9	— 0.8	— 92
15. Khairpur	0	0.1	— 0.1	2.3	0.8	+ 1.5	+ 173
16. Junagadh ††	—	—	—	—	—	—	—

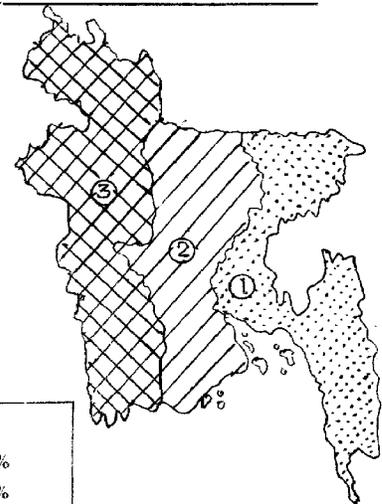
\* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".  
 † Rainfall of stations having no normals is not included. †† Data not available.



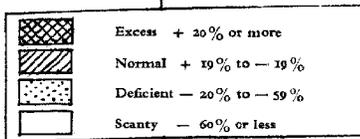
**WEST PAKISTAN:**

- 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"



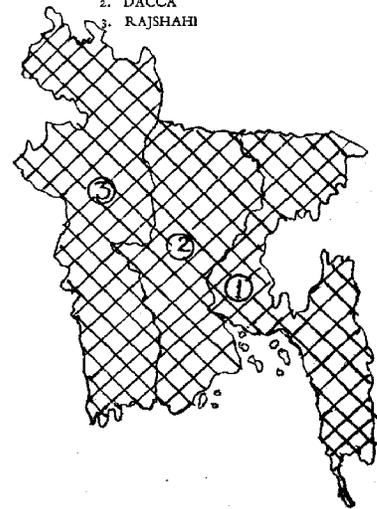
RAINFALL FOR THE WEEK ENDING 6-3-1957.



**EAST PAKISTAN:**

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

RAINFALL FOR THE PERIOD FROM 1-11-1956 TO 6-3-1957.



SCALE—100 MILES=1"

## WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 13th March, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather remained dry during the week. Night temperatures were appreciably below normal between the 8th and the 12th.

**WEST PAKISTAN :** A secondary western disturbance moving across the northern regions of West Pakistan on the first two days of the week was responsible for scattered to local rain or snow in Peshawar and Rawalpindi divisions.

Another secondary western disturbance moving thereafter across north Kalat and Rawalpindi divisions caused local to fairly widespread rain in Quetta and north Kalat divisions on the 9th and in Rawalpindi, Peshawar, D.I. Khan, Quetta and Kalat divisions on the subsequent two days.

The significant amounts of rainfall during the week were :—Rawalpindi  $\frac{1}{2}$ " on the 7th ; Quetta 1", Dalbandin  $\frac{1}{2}$ " and Kalat  $\frac{1}{2}$ " on the 9th and Haripur  $\frac{1}{2}$ " on the 11th.

Night temperatures were generally appreciably below normal over most of West Pakistan during the week except on the 8th and the 9th when they were appreciably above normal in the northern parts.

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

**MULTAN DIVISION :** Scattered rain was reported on one day.

**BAHAWALPUR DIVISION :** Weather remained dry.

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

**D. I. KHAN DIVISION :** Weather remained dry.

**QUETTA DIVISION :** Rainfall was local on two days.

**KALAT (NORTH) DIVISION :** Nearly generally rain fell on one day and scattered on another day.

**KALAT (SOUTH) DIVISION :** Weather remained dry.

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess over Kalat (north) division, in excess over Quetta division and scanty elsewhere over the country outside Rawalpindi division where it was deficient.

Rainfall for the period from 1st November, 1956 to date was in large excess in Dacca, Rajshahi and Khairpur divisions, in excess in Chittagong, Lahore and Kalat (north) divisions, normal in Rawalpindi, Multan, Quetta and Kalat (south) divisions, deficient in 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 November, 1956 to date.

KARACHI-11. }  
The 13th March, 1957. }

S. N. NAQVI

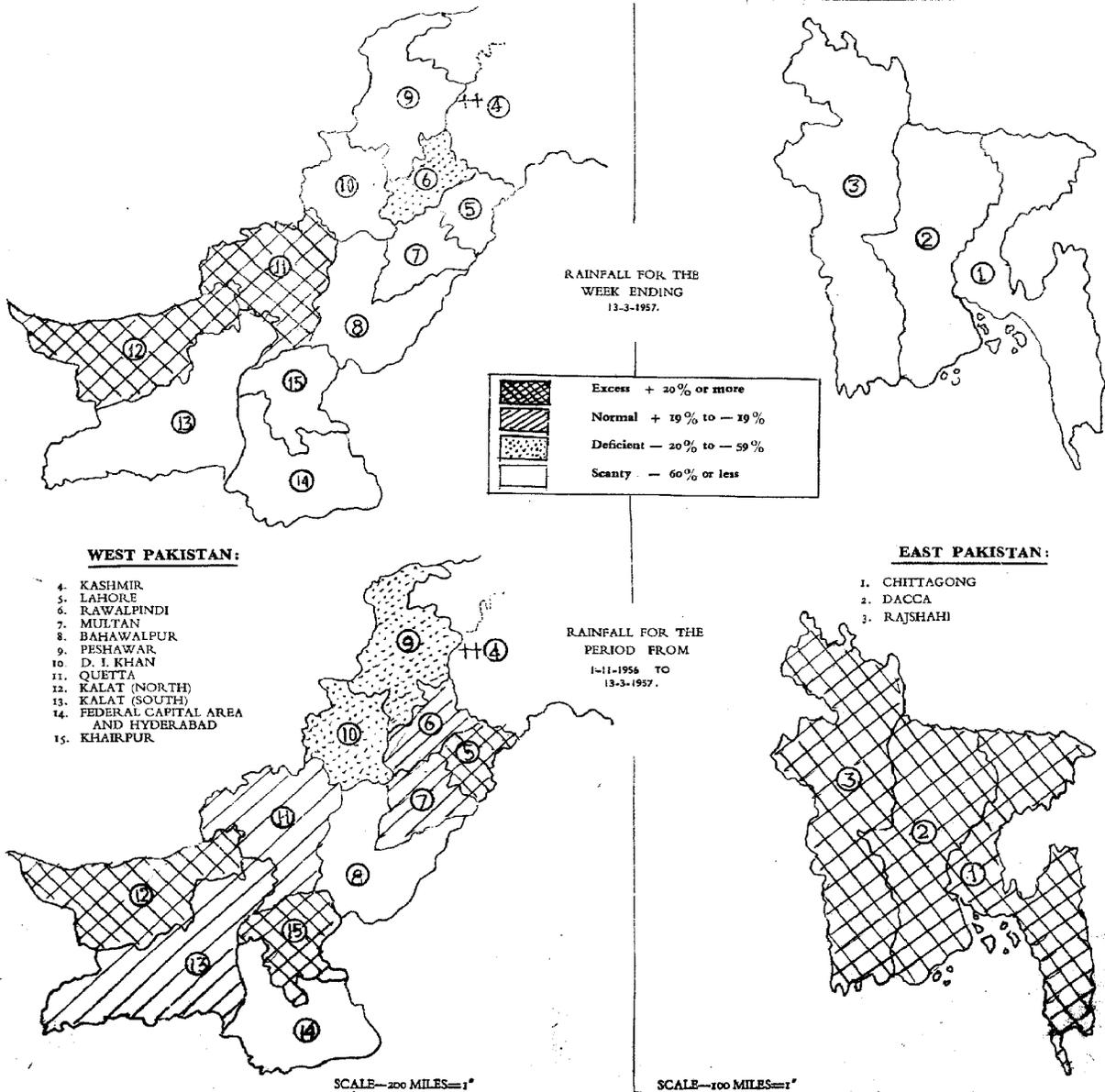
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 13th March, 1957.			Rainfall for period from 1st November 1956 to 13th March, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.5	— 0.5	7.1	4.5	+ 2.6	+ 5.8
2. Dacca	0	0.4	— 0.4	7.6	3.4	+ 4.1	+ 122
3. Rajshahi	0	0.3	— 0.3	6.8	2.5	+ 4.3	+ 167
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.3	— 0.3	5.1	4.2	+ 0.9	+ 22
6. Rawalpindi	0.5	0.7	— 0.2	7.5	7.6	— 0.2	— 2
7. Multan	0	0.1	— 0.1	1.4	1.5	— 0.1	— 5
8. Bahawalpur	0	0.1	— 0.1	0.2	0.9	— 0.7	— 76
9. Peshawar	0	1.0	— 1.0	4.9	7.2	— 2.4	— 33
10. D. I. Khan	0	0.4	— 0.4	1.4	3.3	— 1.9	— 58
11. Quetta	0.6	0.4	+ 0.2	5.3	4.7	+ 0.6	+ 12
12. Kalat (North)	0.7	0.2	+ 0.5	4.9	3.5	+ 1.4	+ 40
13. Kalat (South)	0	0.1	— 0.1	5.2	4.5	+ 0.6	+ 14
14. F. C. A. & H'Bad.	0	0.1	— 0.1	0.1	1.0	— 0.9	— 93
15. Khairpur	0	0.1	— 0.1	2.3	0.9	+ 1.4	+ 146
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 20th March, 1957.

—o:O:o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** A low pressure wave moving across the sub-Himalayan west Bengal caused isolated light rain in Dacca division on the first day of the week. Weather remained dry thereafter.

Night temperatures were appreciably to markedly below normal on the first five days, thereafter they were appreciably below normal in Rajshahi and Chittagong divisions on the 19th and appreciably above normal in Rajshahi and Dacca divisions on the 20th.

**WEST PAKISTAN :** A western disturbance moving across the northern parts of West Pakistan caused scattered light rain in Peshawar and D.I. Khan divisions on the 15th and fairly widespread rain or thundershowers in Peshawar division and local in Rawalpindi and D.I. Khan divisions on the 16th.

Three secondary western disturbances moving in rapid succession thereafter across West Pakistan to Indian region caused spell of wet weather over West Pakistan outside Bahawalpur, Khairpur and Hyderabad divisions and the Federal Capital Area from 17th to 19th when fairly widespread to widespread rain with locally moderate to heavy falls occurred in Peshawar, D.I. Khan, Rawalpindi and Lahore divisions.

Chief amounts of rainfall during the week were :—Haripur  $\frac{1}{4}$ " on the 16th ; Parachinar  $\frac{1}{4}$ " on the 17th ; Parachinar 4", Drosh 3", Murree and Chakdara  $\frac{1}{4}$ " each, Cherat and Panjur 1" each and Kalat and Haripur  $\frac{1}{4}$ " each on the 18th and Sialkot  $\frac{1}{4}$ ", Lyallpur and Landi Kotal 1" each and Murree  $\frac{1}{4}$ " on the 19th.

Night temperatures were appreciably to markedly above normal upto the 17th. On the 18th they were appreciably above normal in West Pakistan outside Quetta and Peshawar divisions where they were appreciably below normal. On the last two days of the week they were practically normal.

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

**DACCA DIVISION :** Scattered rain fell on one day.

**RAJSHAHI DIVISION :** Weather remained dry.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Rainfall was fairly widespread on one day and local on another day.

**RAWALPINDI DIVISION :** Fairly widespread rain fell on two days, local on one day and scattered on one day.

**MULTAN DIVISION :** Scattered rain fell on one day.

**BAHAWALPUR DIVISION :** Weather remained dry.

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

**D. I. KHAN DIVISION :** Fairly widespread rain fell on one day, local on two days and scattered on two days.

**QUETTA DIVISION :** Rainfall was fairly widespread on two days.

**KALAT (NORTH) DIVISION :** Rainfall was fairly widespread on one day, local on another day and scattered on the third day.

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

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGARH :** Data not available.

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

Rainfall for the period from 1st November, 1956 to date was in large excess in Dacca, Rajshahi and Khairpur divisions, in excess in Chittagong, Lahore and Kalat (North) divisions, normal in Rawalpindi, Multan, Quetta and Kalat (South) divisions; deficient in 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 November, 1956 to date.

KARACHI-11. }  
The 20th March, 1957. }

M. S. HIDAYETULLAH

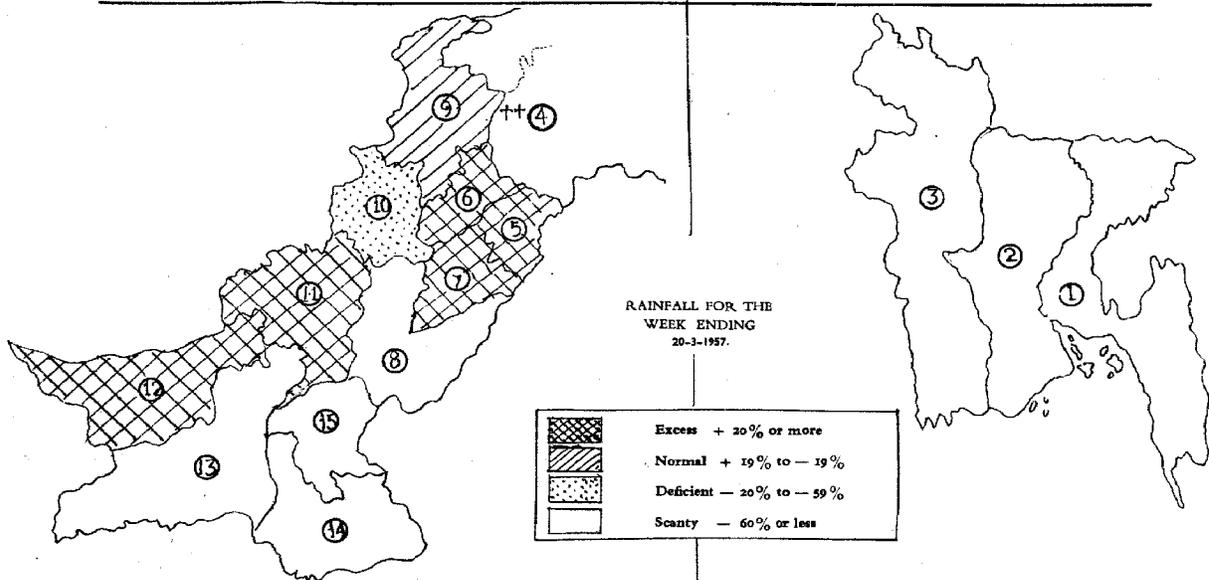
for Director, Meteorological Service



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 20th March, 1957.			Rainfall for period from 1st November 1956 to 20th March, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.6	- 0.6	7.1	5.1	+ 2.1	+ 40
2. Dacca	0	0.5	- 0.5	7.6	3.9	+ 3.7	+ 93
3. Rajshahi	0	0.3	- 0.3	6.8	2.8	+ 4.0	+ 140
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.0	0.3	+ 0.7	6.1	4.4	+ 1.6	+ 37
6. Rawalpindi	1.4	0.7	+ 0.7	8.9	8.3	+ 0.6	+ 7
7. Multan	0.3	0.1	+ 0.3	1.8	1.6	+ 0.2	+ 11
8. Bahawalpur	0	0.1	- 0.1	0.2	1.0	- 0.8	- 78
9. Peshawar	0.9	0.9	+ 0.1	5.8	8.1	- 2.3	- 29
10. D. I. Khan	0.3	0.4	- 0.1	1.7	3.8	- 2.0	- 54
11. Quetta	0.6	0.4	+ 0.2	4.8	5.1	+ 0.8	+ 15
12. Kalat (North)	0.5	0.3	+ 0.3	5.4	3.7	+ 1.7	+ 45
13. Kalat (South)	0	0.1	- 0.1	5.2	4.6	+ 0.5	+ 11
14. F. C. A. & H <sup>2</sup> Bad.	0	0.1	- 0.1	0.1	1.0	- 1.0	- 93
15. Khairpur	0	0.1	- 0.1	2.3	1.0	+ 1.3	+ 134
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.

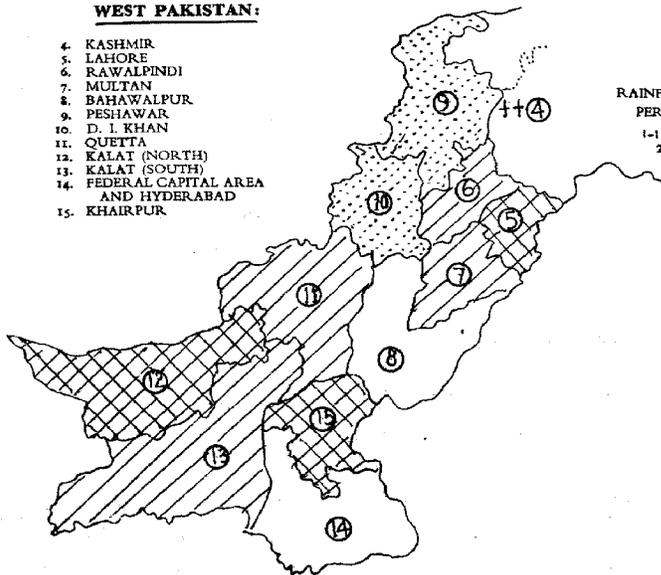


**WEST PAKISTAN:**

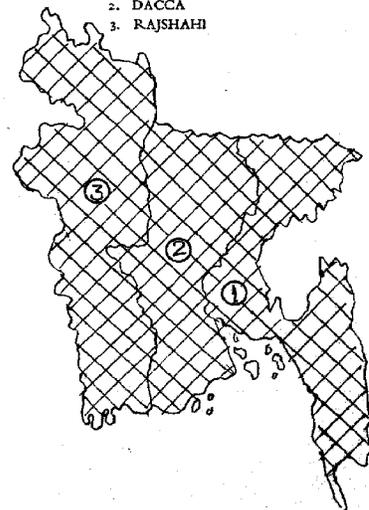
- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

**EAST PAKISTAN:**

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



RAINFALL FOR THE  
PERIOD FROM  
1-11-1956 TO  
20-3-1957.



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 27th March, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN:** A westerly low pressure wave moving eastwards across the northern districts of East Pakistan on the first two days of the week caused scattered light rain or thunderstorms in the Chittagong division. Dry weather prevailed thereafter.

Night temperatures were appreciably above normal on the first two days and appreciably below normal on the last two days of the week. They were also appreciably above normal in Rajshahi division on the 25th.

**WEST PAKISTAN:** A western disturbance which moved across north Kalat and Khairpur divisions into Rajasthan (Bharat) during the first two days was responsible for spell of wet weather with local to fairly widespread thunderstorm activity in Peshawar, Rawalpindi, Multan, Lahore, Quetta, Khairpur and north Kalat divisions.

Another western disturbance moving across the extreme north of West Pakistan thereafter caused local rain or thundershowers in Peshawar, Rawalpindi and Lahore divisions on the 23rd and in Peshawar division on the 24th.

Chief amounts of rainfall during the week were:—Fort Sandeman  $\frac{1}{2}$ " on the 21st; Multan and Harnai 1" each; Murree  $\frac{1}{2}$ "; Lahore, Lyallpur, Hindubagh and Loralai  $\frac{1}{4}$ " each on the 22nd; Sialkot 1" and Khushab  $\frac{1}{2}$ " on the 23rd and Rawalpindi and Haripur  $\frac{1}{4}$ " each on the 24th.

Night temperatures were appreciably below normal in the region outside Lahore and Multan divisions upto the 24th, in Kalat and Hyderabad divisions on the 25th and in Lahore and south Kalat divisions on the 27th. They were appreciably above normal in Lahore and Multan divisions on the 21st and in Quetta and Bahawalpur divisions on the 27th.

2. **CHITTAGONG DIVISION:** Mainly dry weather.

**DACCA DIVISION:** Mainly dry weather.

**RAJSHAHI DIVISION:** Mainly dry weather.

**KASHMIR:** Data not available.

**LAHORE DIVISION:** Local rain fell on two days.

**RAWALPINDI DIVISION:** Fairly widespread rain fell on the 21st, local on the 23rd and scattered on the 22nd.

**MULTAN DIVISION:** Rainfall was local on one day.

**BAHAWALPUR DIVISION:** Weather remained dry.

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

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

**QUETTA DIVISION:** Fairly widespread rain fell on the first day, local on the other day and scattered on the third 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:** Scattered rain fell on one day.

**JUNAGARH:** Data not available.

3. The week's rainfall was in large excess in Lahore, Multan, Quetta and Khairpur divisions, in excess in Rawalpindi division, normal in north Kalat division, and scanty elsewhere over the country.

Rainfall for the period from 1st November, 1956 to date was in large excess in Dacca, Rajshahi and Khairpur divisions; in excess in Chittagong, Lahore, Multan, D.I. Khan, Quetta and north Kalat divisions, normal in Rawalpindi and south Kalat divisions; deficient in Peshawar division and scanty elsewhere over West Pakistan.

The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan, both for the week and for the period from 1st November, 1956 to date

KARACHI-11.

The 27th March, 1957.

M. S. HIDAYETULLAH

for Director, Meteorological Service.

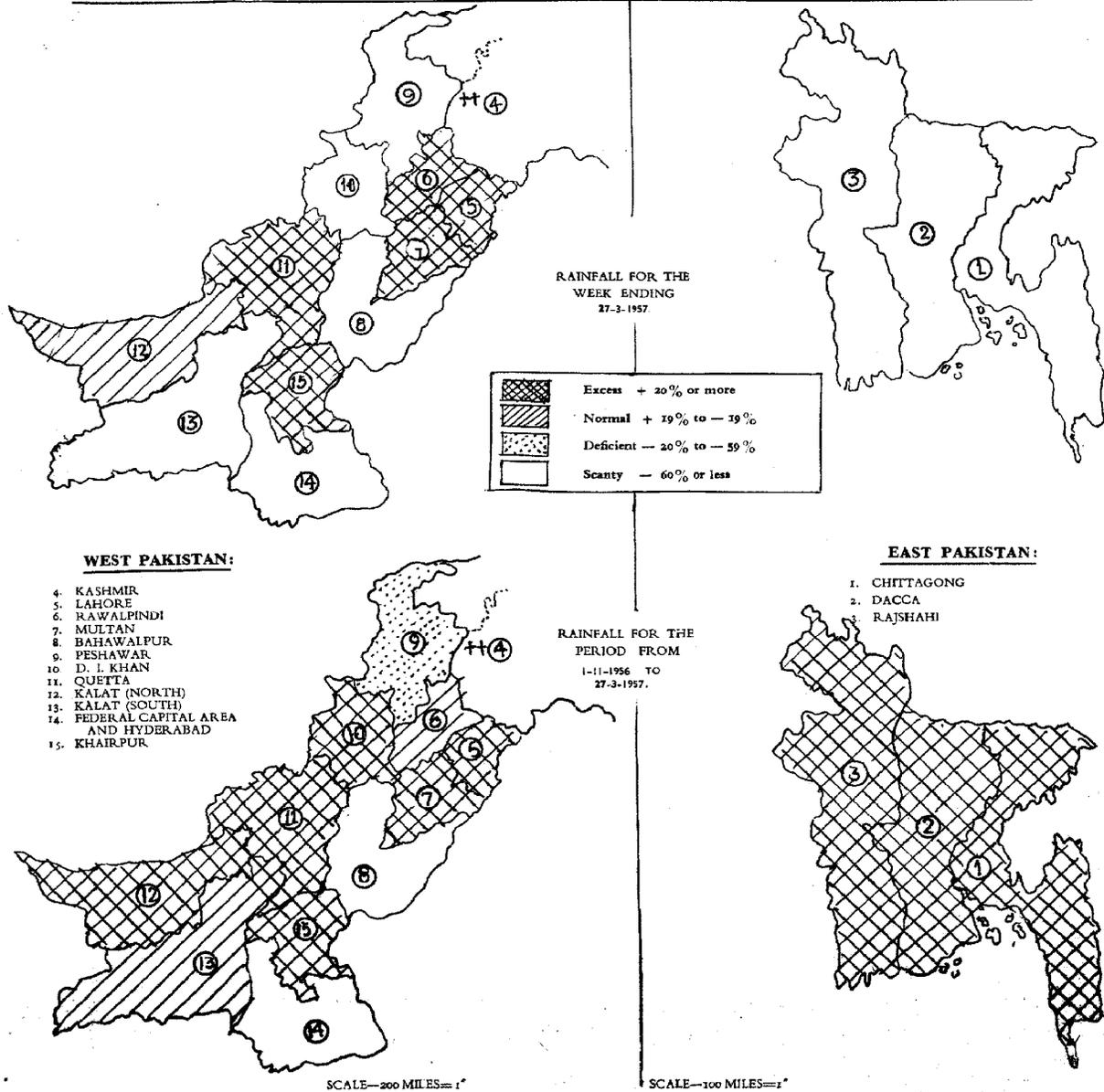
# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 27th March, 1957.			Rainfall for period from 1st November 1956 to 27th March, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.7	— 0.7	7.1	5.8	1.4	24
2. Dacca	0	0.5	— 0.5	7.6	4.5	3.1	70
3. Rajshahi	0	0.4	— 0.4	6.8	3.2	3.6	11
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.8	0.2	0.6	6.8	4.6	2.2	47
6. Rawalpindi	0.9	0.6	0.3	9.7	8.9	0.8	9
7. Multan	0.6	0.1	0.5	2.3	1.8	0.5	29
8. Bahawalpur	0	0.1	— 0.1	0.2	1.1	— 0.9	— 80
9. Peshawar	0.2	0.7	— 0.5	6.0	8.8	— 2.8	— 32
10. D. I. Khan	0	0.5	— 0.5	1.7	4.3	2.5	59
11. Quetta	0.8	0.2	0.5	6.6	5.3	1.3	24
12. Kalat (North)	0.1	0.1	0	5.6	3.9	1.7	44
13. Kalat (South)	0	0	0	5.2	4.7	0.5	11
14. F. C. A. & H'Bad.	0	0	0	0.1	1.1	— 0.1	— 93
15. Khairpur	0.2	0	0.1	2.5	1.0	1.5	146
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 3rd April, 1957.

—o.o.o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** Except for light rain or thundershowers in the region on the 30th and in Chittagong division on the 1st, due to westerly low pressure waves moving across the north of the region, weather remained dry during the week. Sirajganj recorded  $\frac{1}{4}$ " of rain on the 30th.

Night temperatures were appreciably below normal upto the 30th and appreciably above normal on the 31st.

Day temperatures were appreciably below normal in Rajshahi division on the 1st and the 2nd and appreciably above normal in Chittagong division on the 3rd.

**WEST PAKISTAN :** An active western disturbance began affecting the northern parts of the Kalat division on the 27th with the its secondary over Khairpur division, it moved away northeastwards across Kashmir by the 30th while the secondary moved away into Punjab (Bharat). In association with these fairly widespread rainfall occurred in West Pakistan outside the south-eastern divisions and the Federal Capital Area. The falls were locally moderate to heavy in the northern divisions.

Thereafter, a feeble western disturbance moving across the extreme north of West Pakistan caused local rain in Peshawar division and scattered in Rawalpindi division on the 31st.

During the last two days of the week, scattered to local rainfall occurred in north Kalat, Quetta, D.I. Khan, Peshawar, Rawalpindi and Multan divisions in association with an active western disturbance which began affecting north Kalat division and adjoining Afghanistan on the 2nd and persisting there for another day, and induced a secondary over west Rajasthan and adjoining West Pakistan.

Chief amounts of rainfall recorded during the week were —Miranshah and Wana  $\frac{1}{2}$ " each and Turbat  $\frac{1}{2}$ " on the 28th; Peshawar, Cherat, Campbellpur and Hariapur  $\frac{1}{2}$ " each on the 29th; Murree, Chakdara, Peshawar, Cherat and Landi Kotal  $\frac{1}{4}$ " each and Drosh 1" on the 30th. Murree, Drosh and Hariapur  $\frac{1}{2}$ " each on the 31st; Parachinar  $\frac{1}{2}$ " and Miranshah  $\frac{1}{2}$ " on the 2nd and Murree 1" on the 3rd.

Night temperatures were appreciably above normal in Lahore, Multan, Bahawalpur and Khairpur divisions on the 28th; in Lahore and Bahawalpur divisions on the 29th and in Khairpur and Kalat divisions on the 31st. They were appreciably below normal in Quetta and Khairpur divisions on the 29th, in Peshawar, D.I. Khan, Lahore and Multan divisions on the 30th and in West Pakistan outside Khairpur, Kalat and Hyderabad divisions on the 31st.

Day temperatures were appreciably to markedly below normal over West Pakistan during the last three days of the week except in Peshawar and Hyderabad divisions on the 2nd and Quetta, Bahawalpur and Hyderabad divisions on the 3rd.

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

**DACCA DIVISION :** Rainfall was scattered on one day.

**RAJSHAHI DIVISION :** Rainfall was scattered on one day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Fairly widespread rain fell on one day and local on another day.

**RAWALPINDI DIVISION :** Fairly widespread rain fell on one day and scattered on three days.

**MULTAN DIVISION :** Scattered rain fell on two days.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Fairly widespread to widespread rainfall occurred on two days, local on one day and scattered on three days.

**D. I. KHAN DIVISION :** Fairly widespread rain fell on one day, local on two days and scattered on two days.

**QUETTA DIVISION :** Local rainfall occurred on three days.

**KALAT (NORTH) DIVISION :** Rainfall was local on one day and scattered on two days.

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

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGARH :** Data not available.

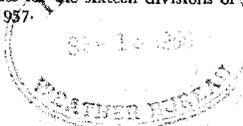
3. The week's rainfall was in large excess in Lahore, Rawalpindi, Multan, Peshawar and Quetta divisions; in excess in D.I. Khan and Kalat (North) divisions; normal in Khairpur and Hyderabad divisions and the Federal Capital Area and scanty elsewhere over the country.

Rainfall for the period from 1st November, 1956 to 31st March, 1957 was in large excess in Rajshahi and Khairpur divisions, in excess in Dacca, Lahore, Multan, Quetta and Kalat (North) divisions; normal in Chittagong, Rawalpindi, Peshawar and Kalat (South) divisions; deficient in D.I. Khan division and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan, for the week ending on 3rd April, 1957 and for the period from 1st November, 1956 to 31st March, 1957.

KARACHI-11.

The 3rd April, 1957.



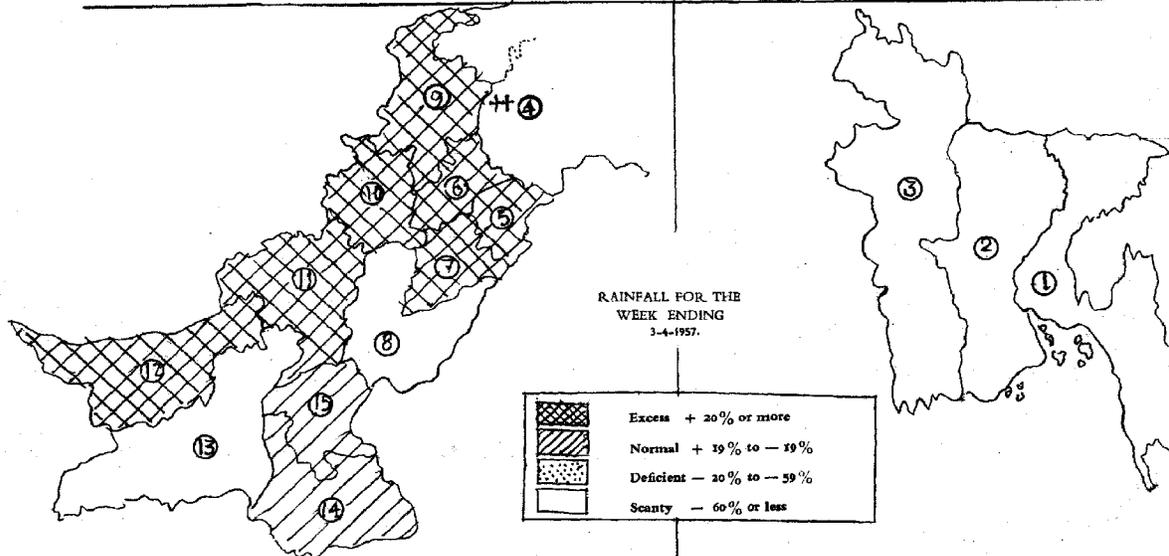
S. N. NAQVI.

Director, Meteorological Service

# WEEKLY WEATHER REPORT

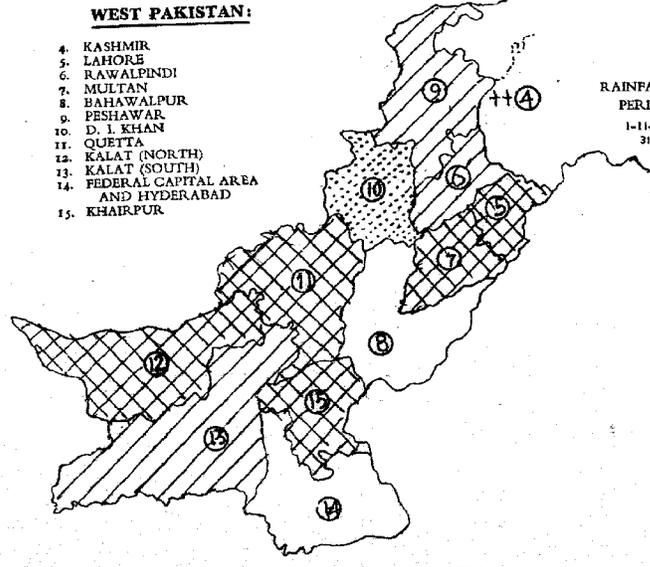
Division.	Rainfall for week ending on 3rd April, 1957.			Rainfall for period from 1st November 1956 to 31st March, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.1	0.7	— 0.7	7.2	6.2	1.0	17
2. Dacca	0.1	0.6	— 0.6	7.6	4.8	2.8	58
3. Rajshahi	0	0.3	— 0.3	6.9	3.5	3.4	98
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.6	0.2	0.5	7.5	4.7	2.7	58
6. Rawalpindi	1.5	0.6	0.9	10.9	9.3	1.7	18
7. Multan	0.4	0.1	0.3	2.7	1.7	0.9	56
8. Bahawalpur	0	0	0	0.2	1.1	— 0.9	— 80
9. Peshawar	2.2	0.5	1.7	8.1	9.1	— 1.0	— 11
10. D. I. Khan	0.9	0.6	0.3	2.3	4.7	— 2.3	— 50
11. Quetta	0.5	0.3	0.3	7.0	5.5	1.5	28
12. Kalat (North)	0.2	0.1	0.1	5.7	3.9	1.7	44
13. Kalat (South)	0	0.2	— 0.2	5.2	4.7	0.4	9
14. F. C. A. & H'Bad.	0	0	0	0.1	1.1	— 1.0	— 93
15. Khairpur	0	0	0	2.5	1.0	1.5	146
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.



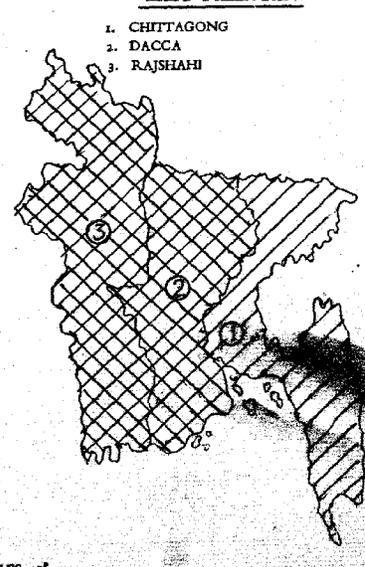
**WEST PAKISTAN:**

- 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. RAJSHAH



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 10th April, 1957.

—o:O:o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** In association with two low pressure waves which moved across the region during the week scattered light rain occurred in Rajshahi division on the 4th and was scattered to local in Chittagong and Dacca divisions on the 8th. Otherwise dry weather prevailed during the rest of the week.

Chief amounts of rainfall recorded during the week were :—Mymensingh 1", Narayanganj ½" and Sylhet ½" on the 8th.

Day temperatures were appreciably above normal over the region on the first four days of the week, in Dacca division on the 8th and Dacca and Chittagong divisions on the 9th. They were appreciably below normal in Rajshahi division on the 8th.

**WEST PAKISTAN :** The week was marked for wet weather over West Pakistan caused by three western disturbances while moving across the region.

The last week's western disturbance moved away northeastwards across Kashmir by the 6th, while its secondary over west Rajasthan (Bharat) moved away across north Rajasthan and adjoining West Pakistan into Punjab (Bharat). It was closely followed by another western disturbance which, appearing over north Kalat on the 4th moved across Quetta, Multan and Lahore divisions during the next three days. These two western disturbances caused widespread rain or thunderstorms over West Pakistan outside south Kalat, Peshawar, Khairpur and Hyderabad divisions on the first four days of the week.

The third western disturbance appeared over central Iran on the 5th with its secondary over Oman. While the primary moved across north Kalat and Peshawar divisions into Kashmir by the 8th, its secondary after crossing the north Arabian Sea lay as a trough of low pressure over Hyderabad division on the 7th. The system caused rainfall over Kalat, Khairpur and Hyderabad divisions and the Federal Capital Area on the 6th and the 7th and in Peshawar division on the 7th and the 8th.

Chief amounts of rainfall during the week were :—Murree 1½" and Cherat 1" on the 4th ; Murree 3", Chakdara and Landi Kotal 2" each, Cherat 1½" and Hairpur and Kakul 1" each on the 5th ; Parachinar 2", Drosh 1½" and Kakul 1" on the 6th ; Sialkot, Murree, Kakul and Badin 1½" each and Lahore, Jhelum and Montgomery 1" each on the 7th.

Day temperatures were markedly to considerably below normal over the region between the 6th and 8th, and in Lahore, Multan, Bahawalpur and Khairpur divisions on the 9th and in West Pakistan outside these divisions on the 4th and 5th. They were appreciably below normal in Lahore, Multan, Bahawalpur, Khairpur and Hyderabad divisions on the 4th and 5th.

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

**DACCA DIVISION :** Local rain fell on one day.

**RAJSHAHI DIVISION :** Rainfall was scattered on one day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Fairly widespread rain fell on one day and local on another day.

**RAWALPINDI DIVISION :** Fairly widespread to widespread rain fell on four days.

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

**BAHAWALPUR DIVISION :** Scattered rain fell on one day.

**PESHAWAR DIVISION :** Fairly widespread rainfall occurred on four days and local on one day.

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

**QUETTA DIVISION :** Fairly widespread rainfall occurred on one day, local on two days and scattered on one day.

**KALAT (NORTH) DIVISION :** Fairly widespread rain fell on one day and scattered on two days.

**KALAT (SOUTH) DIVISION :** Local rain fell on two days and scattered on one day.

**FEDERAL CAPITAL AREA AND HYDERABAD DIVISION :** Fairly widespread rain fell on one day.

**KHAIRPUR DIVISION :** Scattered rain fell on one day.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in Lahore, Rawalpindi, Multan, Bahawalpur, Peshawar, D.I. Khan, Quetta, Kalat and Hyderabad divisions and the Federal Capital Area, deficient in Dacca and Khairpur divisions and scanty elsewhere over East Pakistan.

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

KARACHI-11.

The 10th April, 1957.

S. N. NAQVI.

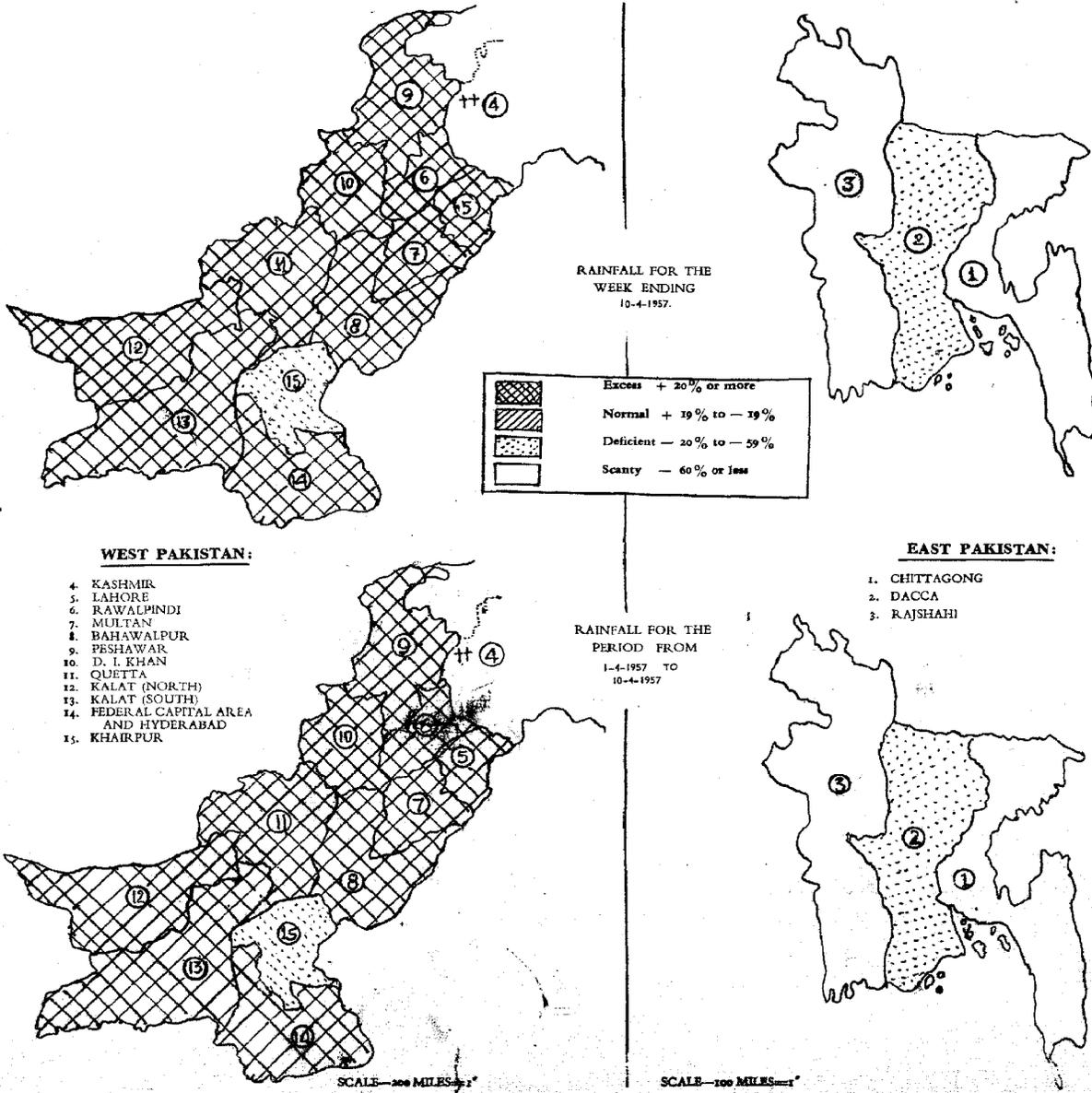
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 10th April, 1957.			Rainfall for period from 1st April 1957 to 10th April, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	1.1	— 1.0	0	1.4	— 1.4	— 99
2. Dacca	0.5	0.8	— 0.2	0.6	1.1	— 0.5	— 47
3. Rajshahi	0	0.4	— 0.4	0	0.5	— 0.5	— 96
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.5	0.2	+ 1.3	1.5	0.3	+ 1.2	+ 403
6. Rawalpindi	3.1	0.6	+ 2.5	3.3	0.9	+ 2.5	+ 270
7. Multan	0.8	0.1	+ 0.7	0.9	0.1	+ 0.7	+ 500
8. Bahawalpur	0.2	0.1	+ 0.1	0.2	0.1	+ 0.1	+ 113
9. Peshawar	2.5	0.5	+ 2.0	2.5	0.7	+ 1.9	+ 275
10. D. I. Khan	0.5	0.3	+ 0.2	0.9	0.5	+ 0.4	+ 81
11. Quetta	0.6	0.3	+ 0.3	0.7	0.4	+ 0.4	+ 106
12. Kalat (North)	0.7	0.1	+ 0.6	0.8	0.2	+ 0.7	+ 382
13. Kalat (South)	0.7	0.3	+ 0.4	0.7	0.4	+ 0.3	+ 65
14. F. C. A. & H'Bad.	0.8	0	+ 0.8	0.8	0	+ 0.8	+3950
15. Khairpur	0	0.1	0	0	0.1	0	— 57
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 17th April, 1957.

—o:O:o—

**SUMMARY OF WEATHER**

**EAST PAKISTAN :** Abnormally hot and dry weather prevailed over the region during the first three days and in Rajshahi division on the 16th. Mild thundershower activity was experienced mainly in Dacca and Chittagong divisions between the 14th and the 16th.

Chief amounts of rainfall recorded were : Dacca  $\frac{1}{2}$ " on the 15th and 1" on the 16th.

Day temperatures were appreciably to markedly above normal in East Pakistan on the 11th, 14th and 15th and considerably over there on the 12th and 13th and in the Rajshahi division on the 17th.

**WEST PAKISTAN :** In association with two active western disturbances which moved in close succession across the northern divisions of West Pakistan fairly widespread thunderstorms or showers occurred in D.I. Khan, Peshawar, Rawalpindi and Lahore divisions and scattered in north Kalat and Quetta divisions, between the 13th and the 16th.

Chief amounts of rainfall recorded during the week were : Parachinar and Miranshah  $\frac{1}{2}$ " each on the 14th ; Murree  $\frac{1}{2}$  ; Fort Sandeman and Hindubagh  $\frac{1}{4}$ " each on the 15th ; Drosh 1" and Landi Kotal  $\frac{1}{2}$ " on the 16th.

Day temperatures were markedly above normal over parts of West Pakistan outside Lahore division on the 13th and 14th, markedly below normal from Lahore the Khairpur divisions on the 11th and again from 15th to 17th.

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

**DACCA DIVISION :** Rainfall was local on two days.

**RAJSHAHI DIVISION :** Scattered rain fell on one day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Weather remained dry.

**RAWALPINDI DIVISION :** Fairly widespread rain fell on one day and scattered on another day.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

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

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

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

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

**KALAT (SOUTH) DIVISION :** Weather remained dry.

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JNAGARH :** Data not available.

3. The week's rainfall was in large excess in D.I. Khan division, in excess in Kalat (north) division, normal in Quetta division, deficient in Rawalpindi division, and scanty in East Pakistan and Peshawar and Multan divisions. No rain fell elsewhere in the country.

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

KARACHI-11. }  
The 17th April, 1957. }

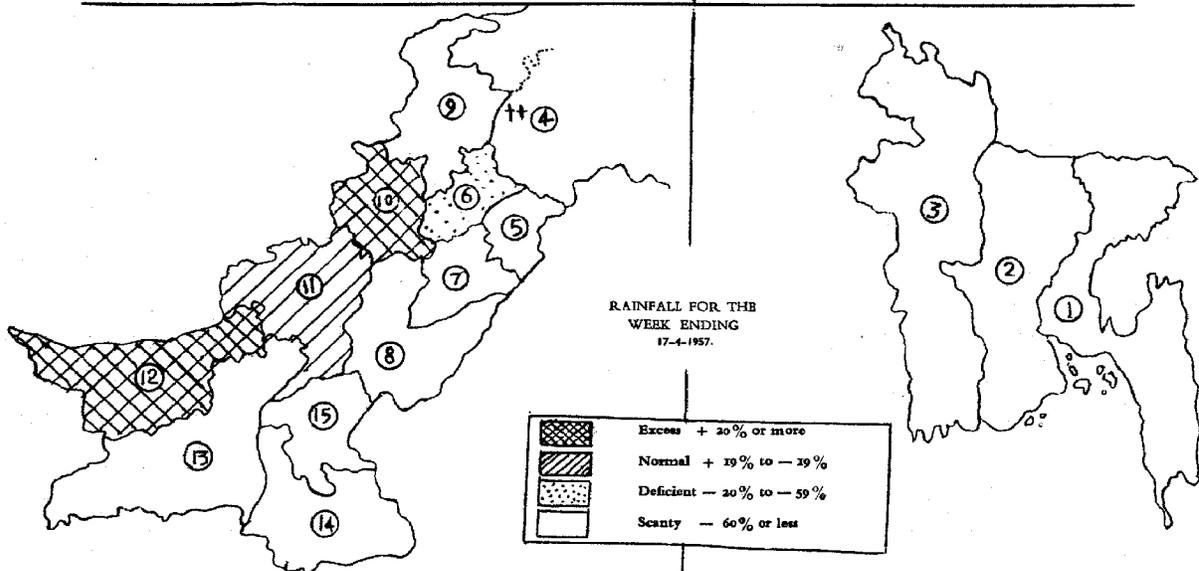
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 17th April, 1957.			Rainfall for period from 1st April 1957 to 17th April, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.2	1.4	— 1.2	0.2	2.8	— 2.6	— 93
2. Dacca	0.1	1.0	— 0.9	0.7	2.1	— 1.4	— 66
3. Rajshahi	0.1	0.6	— 0.5	0.1	1.1	— 1.0	— 92
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	— 0.2	1.5	0.5	+ 1.0	+ 202
6. Rawalpindi	0.4	0.7	— 0.3	3.8	1.6	+ 2.2	+ 141
7. Multan	0	0.1	— 0.1	0.9	0.2	+ 0.7	+ 283
8. Bahawalpur	0	0.1	— 0.1	0.2	0.1	0	+ 13
9. Peshawar	0.1	0.6	— 0.5	2.7	1.3	+ 1.4	+ 108
10. D. I. Khan	0.5	0.3	+ 0.3	1.4	0.8	+ 0.7	+ 84
11. Quetta	0.2	0.2	0	0.9	0.6	+ 0.3	+ 58
12. Kalat (North)	0.2	0.1	+ 0.1	1.0	0.3	+ 0.7	+ 254
13. Kalat (South)	0	0.1	— 0.1	0.7	0.5	+ 0.2	+ 32
14. F. C. A. & HPBad.	0	0	0	0.8	0.1	+ 0.8	+ 1520
15. Khairpur	0	0.1	— 0.1	0	0.1	— 0.1	— 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

RAINFALL FOR THE PERIOD FROM  
1-4-1957 TO  
17-4-1957

SCALE—200 MILES=1"

SCALE—200 MILES=1"

## WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 24th April, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Under the influence of a trough bordering East Pakistan light to moderate thunder-rain activity was experienced in Dacca and Chittagong divisions during the first two days. Thereafter, a low pressure wave from the west while moving across East Pakistan caused rain or thundershowers locally between the 21st and 24th.

Chief amounts of rainfall recorded during the week were : Narayanganj  $\frac{1}{2}$ " on the 18th ; Srimangal  $\frac{1}{4}$ " and Comilla  $\frac{1}{2}$ " on the 22nd ; Narayanganj  $\frac{1}{4}$ " and Brahmanbaria  $\frac{1}{4}$ " on the 23rd.

Day temperatures were generally markedly to considerably above normal in Rajshahi and Dacca divisions and appreciably above normal over Chittagong division during the week.

**WEST PAKISTAN :** A low which appeared over Multan division on the first day moved away eastwards into the Indian region by the 20th after causing widespread thunderstorms in Rawalpindi division on the same day. Two western disturbances which moved in quick succession thereafter across the northern divisions caused fairly widespread rain or thundershowers there and dust or thunderstorms locally elsewhere outside the Kalat and Hyderabad divisions till the 23rd.

A low pressure while approaching Peshawar division on the last day of the week caused thunderstorms locally there and at a few places in the D.I. Khan division.

Chief amounts of rainfall recorded during the week were : Rawalpindi  $\frac{1}{4}$ ", Cherat  $\frac{1}{4}$ " and Murree  $\frac{1}{4}$ " on the 23rd ; Kakul  $\frac{1}{4}$ ", Landi-Kotal  $\frac{1}{4}$ ", Murree, Drosh, Chakdara and Cherat  $\frac{1}{4}$ " each on the 24th.

Day temperatures were generally below normal in West Pakistan during the week.

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

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

**RAJSHAHI DIVISION :** Rainfall was scattered on two days.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Weather remained dry.

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

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Fairly widespread rain fell on one day, local on two days and scattered 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.

**JUNAGARH :** Data not available.

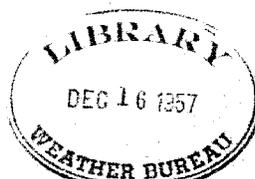
3. The week's rainfall was in large excess in Rawalpindi division, in excess in Peshawar division, deficient in Chittagong division and scanty in Lahore, Dacca and Rajshahi divisions. No rain fell elsewhere in the country.

Rainfall for the period from 1st April, 1957 to date was in large excess in Lahore, Rawalpindi, Multan, Peshawar, Kalat (north) and Hyderabad divisions and the Federal Capital Area, in excess in D.I. Khan, Quetta and Kalat (south) divisions, normal in Bahawalpur 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, 1957 to date.

KARACHI-11. }  
The 24th April, 1957. }

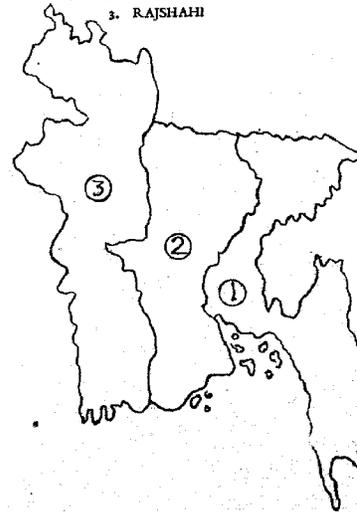
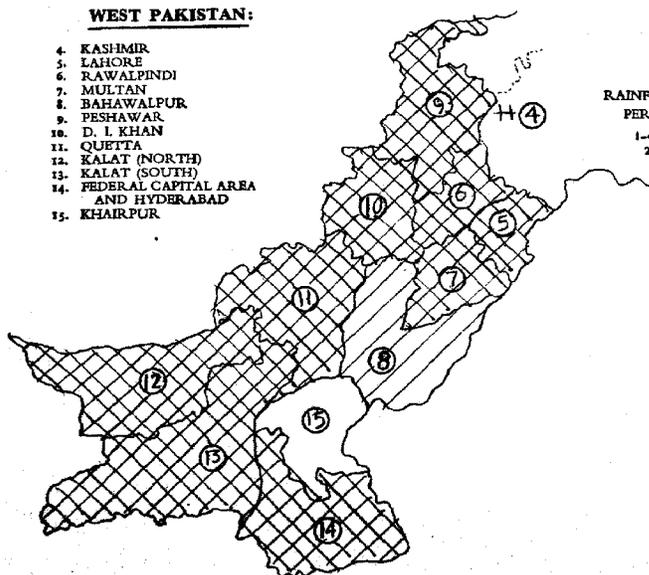
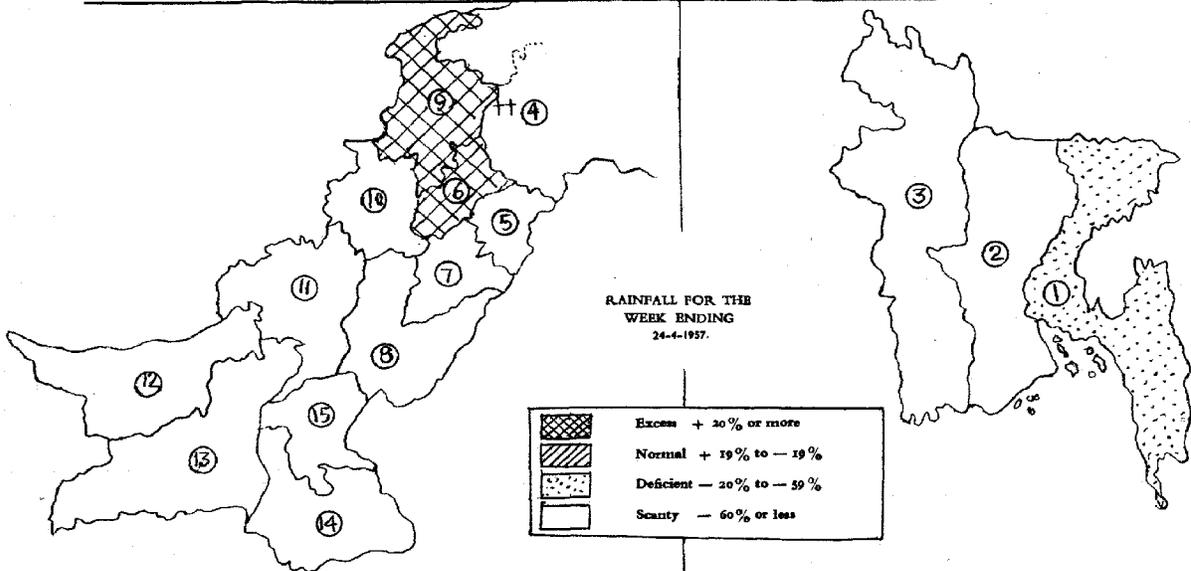
S. N. NAQVL  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 24th April, 1957.			Rainfall for period from 1st April 1957 to 24th April, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	1.2	1.6	— 0.3	1.4	4.3	— 2.9	— 67
2. Dacca	0.5	1.4	— 0.9	1.2	3.5	— 2.3	— 66
3. Rajshahi	0.1	0.9	— 0.7	0.2	1.9	— 1.7	— 88
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.1	— 0.1	1.5	0.6	+ 0.9	+ 139
6. Rawalpindi	0.9	0.4	+ 0.5	4.7	2.0	+ 2.7	+ 135
7. Multan	0	0.1	— 0.1	0.9	0.3	+ 0.6	+ 197
8. Bahawalpur	0	0.1	— 0.1	0.2	0.2	0	— 19
9. Peshawar	0.7	0.5	+ 0.2	3.4	1.8	+ 1.5	+ 84
10. D. I. Khan	0	0.2	— 0.2	1.4	0.9	+ 0.5	+ 53
11. Quetta	0	0.2	— 0.2	0.9	0.8	+ 0.2	+ 22
12. Kalat (North)	0	0.1	— 0.1	1.0	0.4	+ 0.6	+ 170
13. Kalat (South)	0	0	0	0.7	0.5	+ 0.2	+ 32
14. F. C. A. & H'Bad.	0	0	0	0.8	0.1	+ 0.7	+ 1250
15. Khairpur	0	0	0	0	0.2	— 0.1	— 82
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—100 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 1st May, 1957.

—o:o—

**SUMMARY OF WEATHER**

**EAST PAKISTAN :** A low pressure wave while moving across the region during the first half of the week caused fairly widespread rain or thundershowers in Dacca and Chittagong divisions on the first two days and scattered in Chittagong division on the third day.

Under the influence of a trough of low pressure bordering East Pakistan thereafter, scattered thundershowers occurred in Dacca and Chittagong divisions on the 29th and the 30th.

The weather in Rajshahi division continued to be hot and dry throughout the week.

Noteworthy amounts of rainfall recorded were : Srimangal 3", Narayanganj 2" and Dacca 1" on the 25th ; Narayanganj 2", Dacca 1½", Faridpur ½" on the 26th and Srimangal ½" on the 30th.

Day temperatures were markedly above normal in Rajshahi division and appreciably so in Dacca and Chittagong divisions throughout the week.

**WEST PAKISTAN :** The low pressure wave which had started affecting the Peshawar division last week moved away across Kashmir after causing scattered thunderstorms in Rawalpindi and Peshawar divisions on the 25th. An active western disturbance approached Quetta and the adjoining divisions on the 26th and caused local thunderstorms or showers in Quetta and south Kalat divisions and dust or thunderstorms over D.I. Khan, Khairpur and Bahawalpur divisions. It moved away northeastwards across Rawalpindi division and Kashmir after causing widespread thundershowers from Quetta division to Kashmir and scattered rain or drizzle in and around the Bahawalpur division between the 27th and 29th. Another western disturbance moving across Afghanistan lay over D.I. Khan and Peshawar division on the last day of the week and caused local thunderstorms or showers in Peshawar and Rawalpindi divisions and scattered in Quetta and Lahore divisions.

Chief amounts of rainfall recorded during the week were : Fort Sandeman, Harnai, Quetta and Lasbela ½" each on the 26th ; Peshawar 1½", Khushab, Drosh, Chakdara, Cherat, Landi Kotal and Chaman ½" each on the 27th ; Murree 1", Cherat, Haripur and Campbellpur ½" each on the 28th ; Sialkot, Jhelum and Haripur ½" each on the 29th and Murree, Campbellpur and Fort Sandeman ½" each on the 1st.

Day temperatures were generally markedly below normal over the region outside south Kalat and Hyderabad divisions and the Federal Capital upto the 29th and outside Quetta division as well on the 30th. They were appreciably below normal in Peshawar, Rawalpindi and Lahore divisions on the last day of the week.

2. **CHITTAGONG DIVISION :** Fairly widespread rain fell on one day and scattered on three days.

**DACCA DIVISION :** Rainfall was fairly widespread on one day, local on another day and scattered on a third day.

**RAJSHAH DIVISION :** Weather remained dry.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Local rain fell on two days and scattered on a third day.

**RAWALPINDI DIVISION :** Local and scattered rainfall occurred on two days each.

**MULTAN DIVISION :** Scattered rain fell on one day.

**BAHAWALPUR DIVISION :** Scattered rain fell on one day.

**PESHAWAR DIVISION :** Rainfall was fairly widespread on two days, local on one day and scattered on another day.

**D. I. KHAN DIVISION :** Scattered rain fell on three days.

**QUETTA DIVISION :** Local and scattered rain fell on two days each.

**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.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in Lahore, Rawalpindi, Bahawalpur, Peshawar and Quetta divisions, in excess in Multan division, normal in D.I. Khan division, deficient in Dacca division and scanty in Chittagong division. No rain fell elsewhere in the country.

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

KARACHI-11.

The 1st May, 1957.



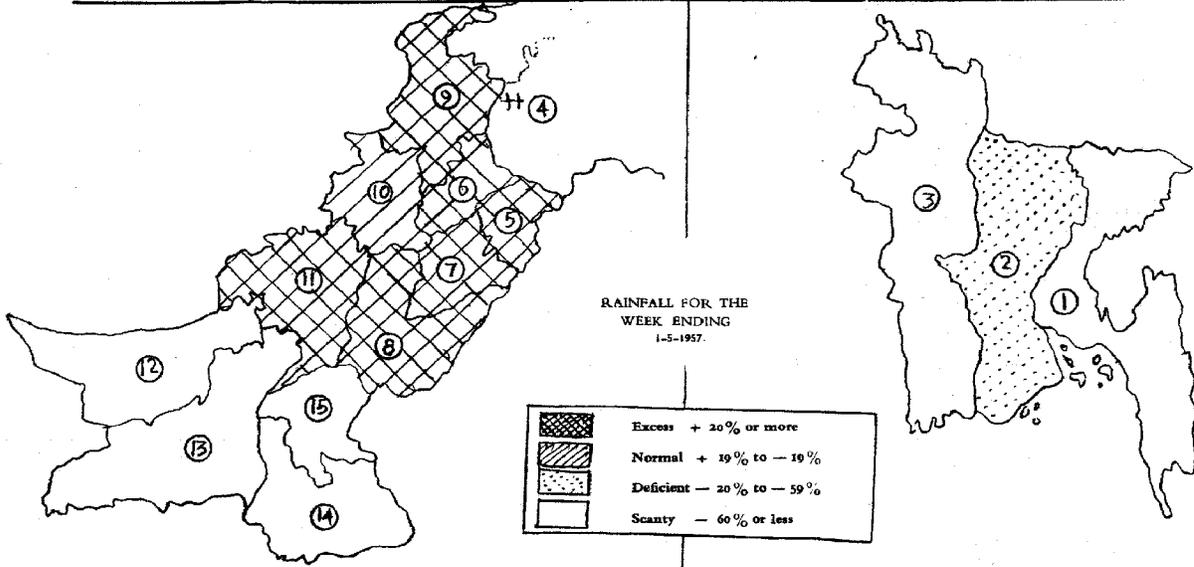
S. N. NAQVI.

Director, Meteorological Service.

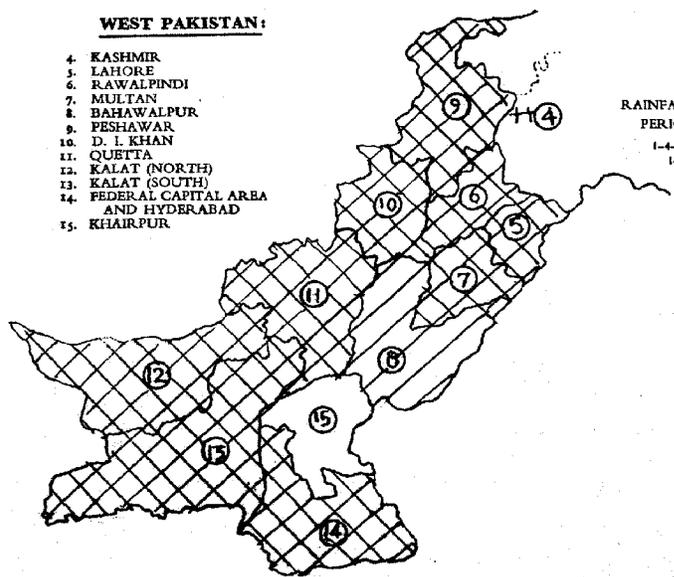
# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 1st May, 1957.			Rainfall for period from 1st April 1957 to 1st May, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.7	2.3	— 1.5	2.2	6.6	— 4.5	— 67
2. Dacca	1.1	1.8	— 0.6	2.3	5.3	— 2.9	— 56
3. Rajshahi	0	1.1	— 1.1	0.2	3.0	— 2.8	— 92
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.3	0.2	+ 0.1	1.8	0.8	+ 1.0	+ 125
6. Rawalpindi	0.8	0.3	+ 0.5	5.5	2.3	+ 3.2	+ 135
7. Multan	0.1	0.1	0	1.0	0.4	+ 0.6	+ 173
8. Bahawalpur	0.1	0	0	0.2	0.2	0	—
9. Peshawar	1.5	0.5	+ 1.1	4.9	2.3	+ 2.6	+ 114
10. D. I. Khan	0.1	0.1	0	1.5	1.0	+ 0.5	+ 47
11. Quetta	0.5	0.1	+ 0.4	1.5	0.9	+ 0.5	+ 61
12. Kalat (North)	0	0.1	— 0.1	1.0	0.4	+ 0.6	+ 133
13. Kalat (South)	0	0	0	0.7	0.5	+ 0.2	+ 32
14. F. C. A. & H'Bad.	0	0.1	— 0.1	0.8	0.1	+ 0.7	+ 636
15. Khairpur	0	0	0	0	0.2	— 0.1	— 83
16. Junagadh ††	—	—	—	—	—	—	—

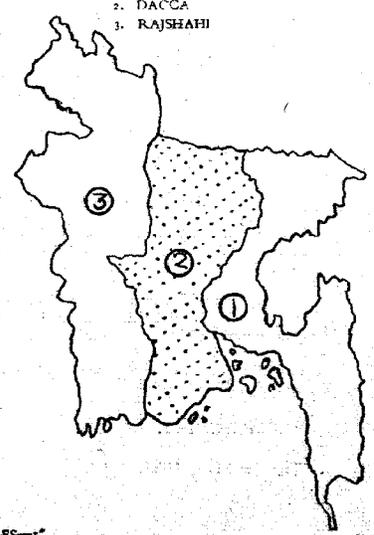
\* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".  
 † Rainfall of stations having no normals is not included. †† Data not available.



- 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 8th May, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** The passage of two low pressure waves across the region during the week caused fairly widespread thunder-showers over East Pakistan during the first five days. Thunder-squalls associated with showers occurred locally in Chittagong division on the 7th and in the rest of East Pakistan on the next day.

Noteworthy amounts of rainfall recorded during the week were : Rangpur 3" on the 3rd ; Cox's Bazar and Khulna 2" each on the 4th ; Noakhali 6" and Satkhira 2" on the 5th ; Sylhet 11" and Cox's Bazar 2" on the 6th and Sylhet 3" on the 7th and 1" on the 8th.

Day temperatures were markedly below normal over the region on the 4th and 5th. They were markedly above normal in Rajshahi and Dacca divisions on the 7th and 8th and appreciably so over the whole of East Pakistan on the 2nd and 3rd.

**WEST PAKISTAN :** Last week's western disturbance over D.I. Khan and Quetta divisions persisted there till the 2nd and slowly moved away across Peshawar division by the 5th, while another low induced by it over north Kalat division on the 4th followed it closely moved away northeastwards by the 6th.

Under their influence fairly widespread thunderstorms occurred from Quetta and Peshawar to Lahore and Multan divisions while the Kalat, Khairpur and Bahawalpur divisions had a few dust or thunderstorms.

Thereafter a low pressure wave while moving across the north of the region caused scattered thunderstorm or showers in Peshawar and Rawalpindi divisions on the 7th and 8th and isolated duststorms in D.I. Khan division on the 7th.

Chief amounts of rainfall recorded during the week were : Fort Sandeman 1" and Hindubagh  $\frac{1}{2}$ " on the 3rd ; Harnai  $\frac{1}{2}$ ", Cherat and Loralai  $\frac{1}{2}$ " each on the 5th ; Rawalpindi and Kakul  $\frac{1}{2}$ " each on the 6th and Kakul  $\frac{1}{2}$ " on the 7th.

Day temperatures were generally considerably below normal over West Pakistan outside south Kalat and Hyderabad divisions and the Federal Capital during the first six days of the week and appreciably so over the region outside these divisions on the last day.

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

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

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

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Local rain fell on one day.

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

**MULTAN DIVISION :** Scattered rain fell on two days.

**BAHAWALPUR DIVISION :** Weather remained dry.

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

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

**QUETTA DIVISION :** Scattered rain fell on four 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.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in Rawalpindi, Multan, D.I. Khan and Quetta divisions, in excess in Chittagong and Lahore divisions, normal in Rajshahi and Peshawar divisions and deficient in Dacca division. No rain fell elsewhere in West Pakistan.

Rainfall for the period from 1st April, 1957 to date was in large excess in Lahore, Rawalpindi, Multan, Peshawar, Quetta, Kalat (north) and Hyderabad divisions and the Federal Capital Area ; in excess in D.I. Khan and Kalat (south) divisions, normal in Bahawalpur division, deficient in Chittagong and Dacca 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, 1957 to date.

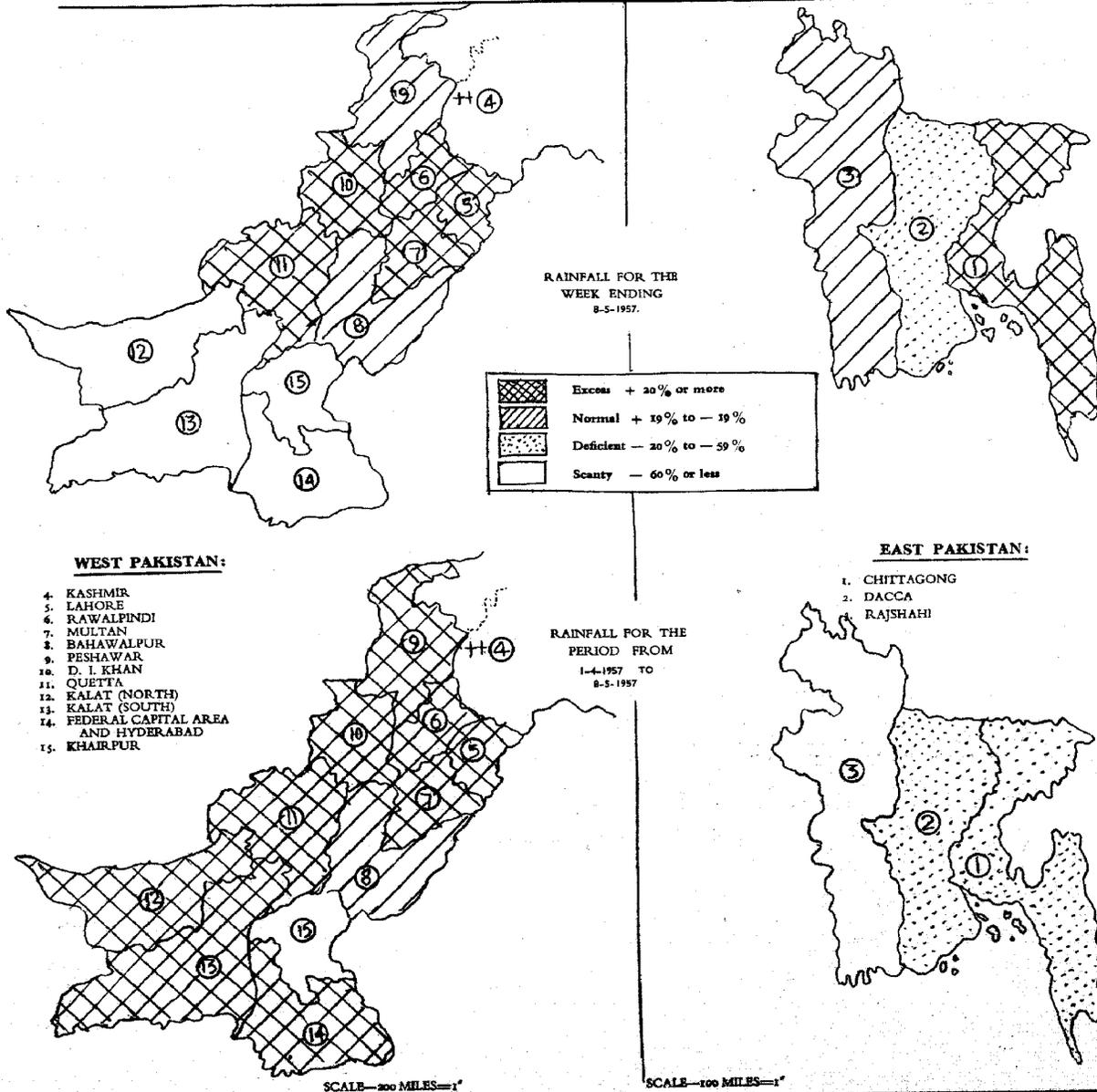
KARACHI-11. }  
The 8th May, 1957. }

S. N. NAQVI  
Director, Meteorological Service.

# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 8th May, 1957.			Rainfall for period from 1st April 1957 to 8th May, 1957			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	3.4	2.5	+ 0.9	5.6	9.1	- 3.6	- 39
2. Dacca	1.3	1.8	- 0.5	3.7	7.1	- 3.4	- 48
3. Rajshahi	1.5	1.5	+ 0.1	1.8	4.5	- 2.7	- 61
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.2	0.1	0	2.0	0.9	+ 1.0	+ 109
6. Rawalpindi	0.4	0.2	+ 0.2	6.0	2.6	+ 3.4	+ 130
7. Multan	0.1	0.1	+ 0.1	1.1	0.4	+ 0.7	+ 167
8. Bahawalpur	0	0	0	0.2	0.2	0	—
9. Peshawar	0.3	0.3	0	5.2	2.5	+ 2.7	+ 104
10. D. I. Khan	0.1	0.1	+ 0.1	1.7	1.1	+ 0.6	+ 31
11. Quetta	0.5	0.1	+ 0.5	2.0	1.0	+ 1.0	+ 106
12. Kalat (North)	0	0	0	1.0	0.4	+ 0.6	+ 127
13. Kalat (South)	0	0	0	0.7	0.5	+ 0.2	+ 32
14. F. C. A. & H'Bad.	0	0	0	0.8	0.1	+ 0.7	+ 479
15. Khairpur	0	0.1	- 0.1	0	0.3	- 0.2	- 88
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 15th May, 1957.

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**SUMMARY OF WEATHER**

**EAST PAKISTAN :** A low pressure wave moved eastward across the sub-montane districts along the eastern Himalayas between the 12th and the 14th. It caused thundershowers locally in Chittagong division during the week, in Dacca division between the 10th and 14th and in Rajshahi division on the 10th, 12th and 13th.

A few norwesters were also reported from the Chittagong division on the first day.

Chief amounts of rainfall recorded during the week were : Srimangal 2" on the 9th ; Srimangal 3", Brahmanbaria and Sylhet  $\frac{1}{2}$ " each on the 10th ; Sylhet  $\frac{1}{4}$ " on the 12th ; Sylhet 1" and Faridpur  $\frac{1}{4}$ " on the 13th.

Day temperatures were markedly above normal in Rajshahi division on the 9th and 10th and in Rajshahi and Dacca divisions on the 13th and were appreciably above normal over the whole region during the rest of the week.

**WEST PAKISTAN :** An active western disturbance approached Afghanistan and the adjoining Quetta division on the 10th ; it moved away slowly northeastwards by the last day of the week and caused scattered to local rainfall and dust or thunderstorms in Quetta, D.I. Khan, Peshawar and Rawalpindi divisions practically throughout the week, in North Kalat division on the 10th and 11th and in Lahore, Multan and Bahawalpur divisions between the 10th and the 15th.

Chief amounts of rainfall recorded during the week were : Drosh  $\frac{1}{2}$ " and Hindubagh  $\frac{1}{2}$ " on the 10th ; Parachinar  $\frac{1}{4}$ " on the 11th ; Murree, Drosh, Kakul and Fort Sandeman  $\frac{1}{2}$ " each on the 12th ; Murree 1" and Kakul  $\frac{1}{4}$ " on the 13th and Parachinar  $\frac{1}{4}$ " on the 14th.

Day temperatures were generally to considerably below normal in Peshawar, Quetta and north Kalat divisions on the 11th, over West Pakistan outside the coastal districts and Hyderabad division from the 13th to 15th and outside Lahore and Rawalpindi divisions as well on the 12th.

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

**DACCA DIVISION :** Rainfall was local for two days and scattered for another two days.

**RAJSHAHI DIVISION :** Scattered rain fell on two days.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Rainfall was local on one day.

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

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Scattered rain fell on one day.

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

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

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

**KALAT (NORTH) DIVISION :** Scattered 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.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in Rawalpindi, Bahawalpur and Quetta divisions, normal in D.I. Khan division, deficient in Lahore division and scanty in East Pakistan, Multan, Peshawar and Kalat (North) divisions. No rain fell elsewhere in the country.

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

KARACHI-11.

The 15th May, 1957.

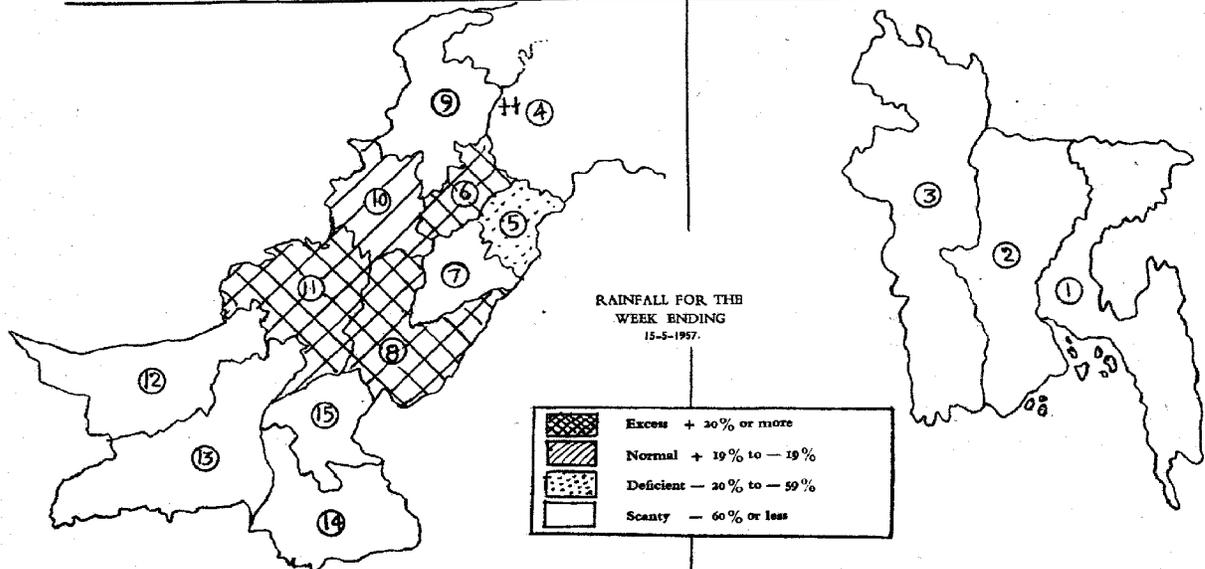
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 15th May, 1957.			Rainfall for period from 1st April 1957 to 15th May, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	1.0	2.5	- 1.6	6.5	11.7	- 5.1	- 44
2. Dacca	0.5	2.1	- 1.6	4.2	9.2	- 5.0	- 55
3. Rajshahi	0.2	1.7	- 1.5	1.9	6.1	- 4.2	- 68
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.1	0.3	- 0.2	2.1	1.2	+ 0.9	+ 72
6. Rawalpindi	1.0	0.5	+ 0.5	6.9	3.1	+ 3.9	+ 127
7. Multan	0	0.1	- 0.1	1.2	0.5	+ 0.6	+ 113
8. Bahawalpur	0.1	0	+ 0.1	0.3	0.3	+ 0.1	+ 35
9. Peshawar	0.1	0.5	- 0.4	5.3	3.1	+ 2.3	+ 74
10. D. I. Khan	0.1	0.1	0	1.8	1.2	+ 0.5	+ 44
11. Quetta	0.4	0.1	+ 0.3	2.4	1.1	+ 1.3	+ 124
12. Kalat (North)	0	0.1	- 0.1	1.0	0.5	+ 0.5	+ 100
13. Kalat (South)	0	0	0	0.7	0.5	+ 0.2	+ 32
14. F. C. A. & H'Bad.	0	0	0	0.8	0.1	+ 0.7	+ 440
15. Khairpur	0	0.1	- 0.1	0	0.3	- 0.3	- 91
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.

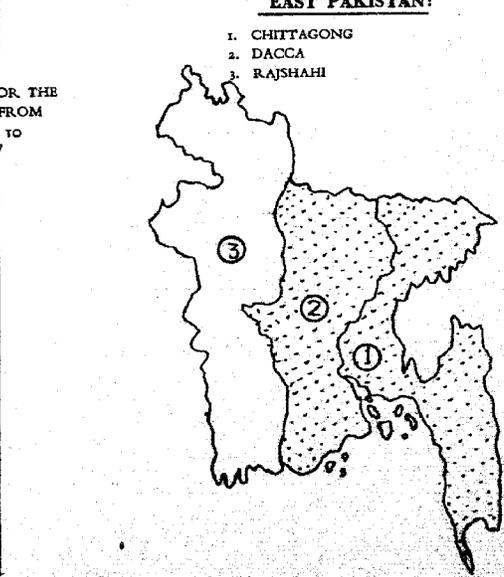
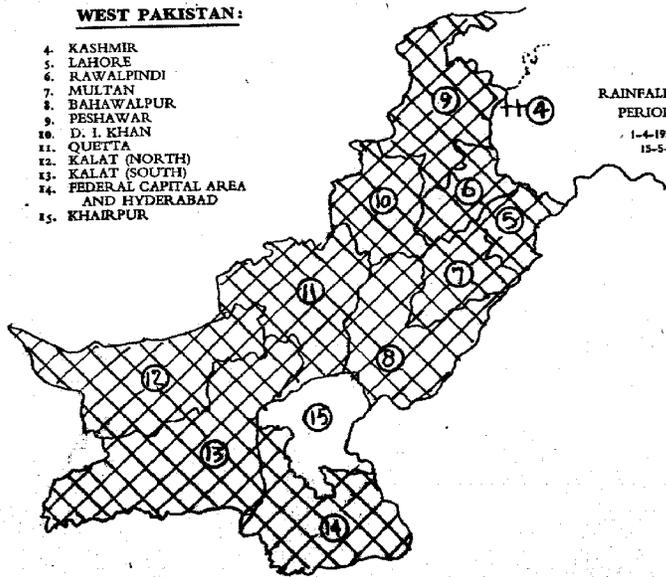


**WEST PAKISTAN:**

- 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. RAJSHAH



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 29th May, 1957.

—o:O:o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather remained mainly dry over the region, except for a few thundershowers which occurred during the last three days of the week.

Rainfall reported during the week were : At Sylhet 3" on the 28th and 2" on the 27th and 29th.

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

**WEST PAKISTAN :** The western disturbance over D.I. Khan division on the last day of the previous week moved away north-eastwards across the northern areas of West Pakistan by the 25th, while its secondary over Khairpur division moved eastwards. These were responsible for widespread thunderstorms over Quetta, Rawalpindi, Multan, Bahawalpur and Khairpur divisions and scattered rain or thundershowers elsewhere over West Pakistan on the 23rd and for local rain or thunderstorm activity in Peshawar and Rawalpindi divisions on the following day.

Weather remained mainly dry during the remaining five days of the week.

Chief amounts of rainfall recorded during the week were :—Fort Abbas 2", Jacobabad 1" and Sukkur  $\frac{1}{2}$ " on the 23rd ; Murree 1", Kakul  $\frac{1}{4}$ ", Rawalpindi and Haripur  $\frac{1}{4}$ " each on the 24th and Kakul  $\frac{1}{4}$ " on the 25th.

Day temperatures were considerably below normal between the 23rd and 26th over the region outside the southern districts along the Sind Mekran coast which came into the grip of a heat wave and markedly high temperatures were recorded between the 26th and 28th under the influence of a low which moved northwestwards from off the Konkan coast to northeast Arabian Sea during the period.

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

**DACCA DIVISION :** Scattered rain fell on two days.

**RAJSHAHI DIVISION :** Weather remained dry.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Weather remained dry.

**RAWALPINDI DIVISION :** Local rain fell on two days.

**MULTAN DIVISION :** Local rain fell on one day.

**BAHAWALPUR DIVISION :** Local rain fell on one day.

**KHAIRPUR DIVISION :** Local rain fell on one day.

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

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

**QUETTA DIVISION :** Fairly widespread rain fell on one day and scattered on another day.

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

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

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

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in Rawalpindi, Multan, Bahawalpur, Peshawar, Kalat (North), Khairpur and Hyderabad divisions and the Federal Capital Area, normal in Quetta division, deficient in D.I. Khan division, scanty in Chittagong and Dacca divisions whereas no rain fell elsewhere over the country.

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

KARACHI-11. }

The 29th Mry, 1957. }

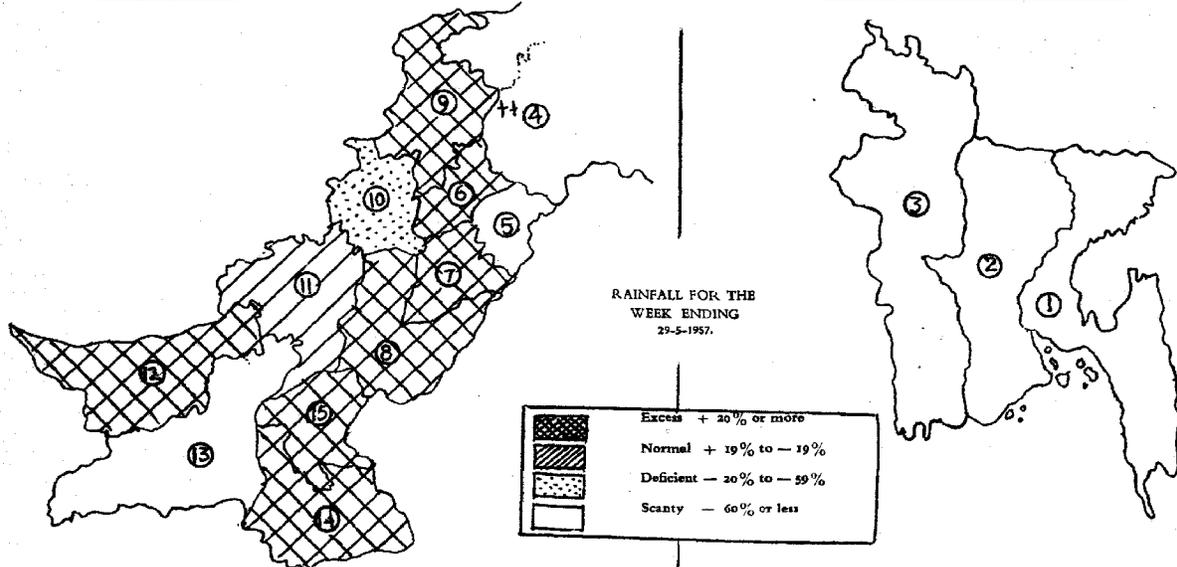
S. N. NAQVI.  
Director, Meteorological Service.



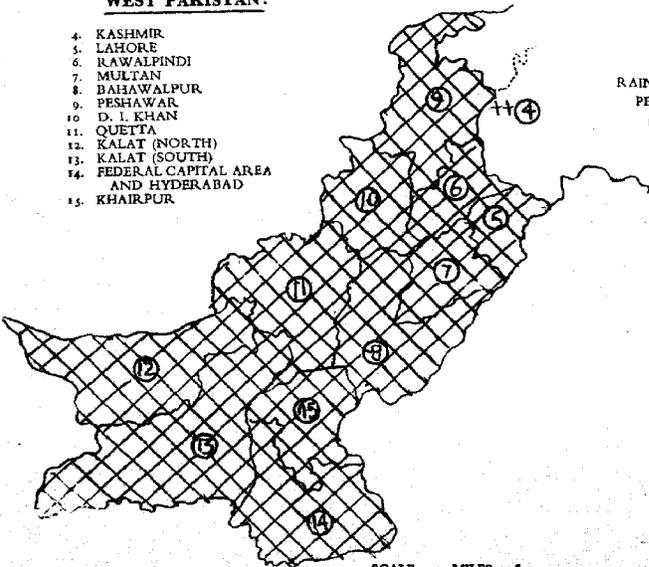
# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 29th May, 1957.			Rainfall for period from 1st April, 1957 to 29th May, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.2	3.3	— 3.1	7.7	17.5	— 9.8	— 56
2. Dacca	0.1	2.9	— 2.8	5.3	14.0	— 8.7	— 62
3. Rajshahi	0	2.2	— 2.2	2.0	9.9	— 7.9	— 80
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	— 0.2	2.4	1.5	+ 0.9	+ 56
6. Rawalpindi	0.7	0.4	+ 0.3	8.4	3.8	+ 4.6	+ 122
7. Multan	0.3	0.1	+ 0.2	1.5	0.7	+ 0.7	+ 101
8. Bahawalpur	0.3	0.1	+ 0.3	0.8	0.4	+ 0.4	+ 900
9. Peshawar	0.3	0.2	+ 0.1	6.8	3.4	+ 3.4	+ 99
10. D. I. Khan	0.1	0.1	0	1.8	1.4	+ 0.4	+ 28
11. Quetta	0.1	0.1	0	3.5	1.3	+ 2.1	+ 158
12. Kalat (North)	0.1	0	+ 0.1	1.4	0.6	+ 0.8	+ 139
13. Kalat (South)	0	0	0	0.7	0.5	+ 0.1	+ 29
14. F. C. A. & H'Bad.	0.1	0	+ 0.1	1.1	0.2	+ 0.9	+ 414
15. Khairpur	1.1	0	+ 1.1	1.2	0.2	+ 0.9	+ 281
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.



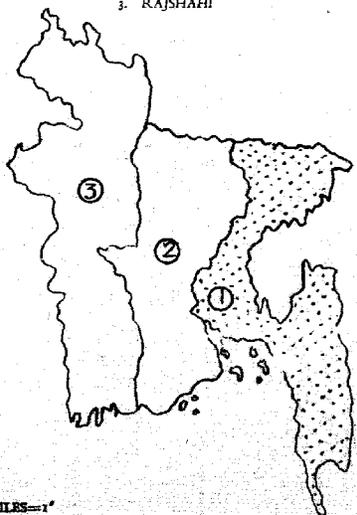
- WEST PAKISTAN:**
4. KASHMIR
  5. LAHORE
  6. RAWALPINDI
  7. MULTAN
  8. BAHAWALPUR
  9. PESHAWAR
  10. D. I. KHAN
  11. QUETTA
  12. KALAT (NORTH)
  13. KALAT (SOUTH)
  14. FEDERAL CAPITAL AREA AND HYDERABAD
  15. KHAIRPUR



SCALE—200 MILES—1"



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



SCALE—100 MILES—1"

## WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 5th June, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** The low pressure waves moving across the sub-montane districts induced an incursion of moist air into the region. This caused widespread rainfall in all the divisions on the 1st and 2nd and local rain in the Chittagong division and a few falls elsewhere on other days.

The chief amounts of rainfall recorded during the week were :—Srimangal 3", Sylhet and Dacca 2" each on the 30th ; Cox's Bazar 3" and Chittagong 2" on the 31st ; Brahmanbaria 5" and Mymensingh 3" on the 1st ; Dacca 2" and Jessore, Sylhet and Bogra 1½" each on the 2nd ; Narayanganj ¼" on the 3rd ; Sylhet 2", Cox's Bazar and Maijdee Court 1¼" each on the 4th.

Day temperatures were generally markedly above normal between 30th and the 5th except on the 2nd when they were appreciably below normal outside the coastal districts.

**WEST PAKISTAN :** An active western disturbance while moving across the northern districts between the 31st and the 3rd caused dust or thunderstorms locally or at a few places in the northern half of West Pakistan.

Three quarters inch of rainfall was recorded at Murree and Parachinar on the 2nd and half an inch each at Jhelum, Rawalpindi and Kakul on the 1st ; at Murree and Parachinar on the 2nd ; at Haripur on the 3rd and at Rawalpindi on the 4th.

Day temperatures were considerably below normal from the 1st to the 5th over West Pakistan outside Quetta and the southern districts along the coast.

2. **CHITTAGONG DIVISION :** Fairly widespread rain fell on two days and local on four days.

**DACCA DIVISION :** Fairly widespread rain fell on one day, local on two days and scattered on four days.

**RAJSHAHI DIVISION :** Fairly widespread rain fell on one day and scattered on four days.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Local rain fell on one day.

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

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

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in Rawalpindi and Multan divisions in excess in Lahore division, normal in Chittagong division and deficient in Dacca division, while no rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st April, 1957 to 31st May, 1957 was in large excess in Rawalpindi, Multan, Bahawalpur, Peshawar, Quetta, Kalat (North), Khairpur and Hyderabad divisions and the Federal Capital Area, in excess in Lahore, D.I. Khan and Kalat (south) divisions, deficient in Chittagong division and scanty elsewhere over East Pakistan.

4. The table overleaf summarises the rainfall statistics for the sixteen divisions of Pakistan for the week ending on 5th June, 1957, and for the period from 1st April, 1957 to 31st May, 1957.

KARACHI-11. }  
The 5th June, 1957. }

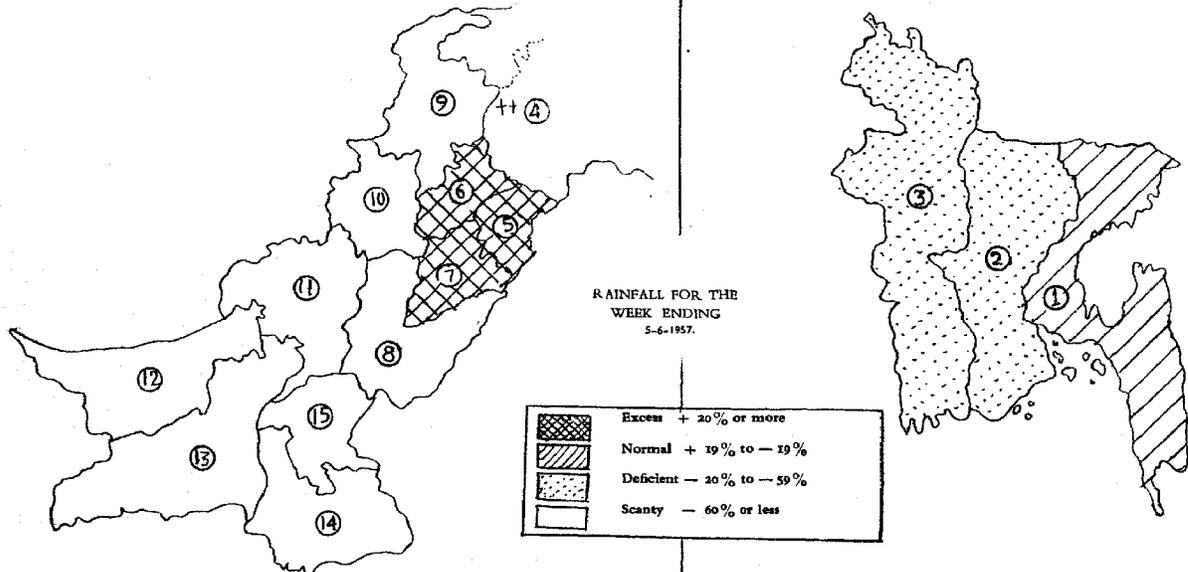
S. N. NAQVI.  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 5th June, 1957.			Rainfall for period from 1st April, 1957 to 31st June, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	4.6	4.2	+ 0.5	9.7	18.6	- 8.9	- 48
2. Dacca	2.3	3.0	- 0.2	5.9	14.9	- 9.0	- 60
3. Rajshahi	1.2	2.7	- 1.5	2.2	10.7	- 8.4	- 79
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.1	0.1	0	2.4	1.6	+ 0.8	+ 53
6. Rawalpindi	0.9	0.3	+ 0.7	8.4	3.9	+ 4.5	+ 117
7. Multan	0.2	0	+ 0.2	1.5	0.7	+ 0.7	+ 99
8. Bahawalpur	0	0	0	0.8	0.4	+ 0.4	+ 900
9. Peshawar	0	0.1	- 0.1	6.8	3.5	+ 3.3	+ 96
10. D. I. Khan	0	0.1	- 0.1	1.8	1.4	+ 0.4	+ 27
11. Quetta	0	0.1	- 0.1	3.5	1.4	+ 2.1	+ 154
12. Kalat (North)	0	0	0	1.4	0.6	+ 0.8	+ 139
13. Kalat (South)	0	0	0	0.7	0.5	+ 0.1	+ 29
14. F. C. A. & H'Bad.	0	0	0	1.1	0.2	+ 0.9	+ 391
15. Khairpur	0	0	0	1.2	0.3	+ 0.9	+ 281
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.

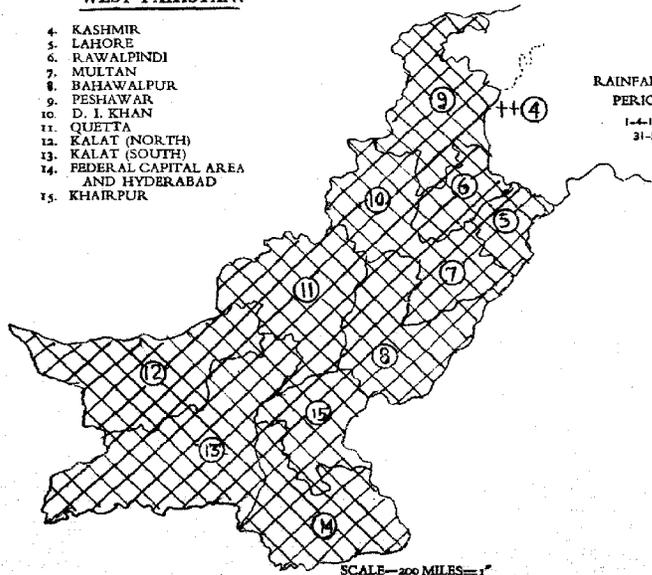


**WEST PAKISTAN:**

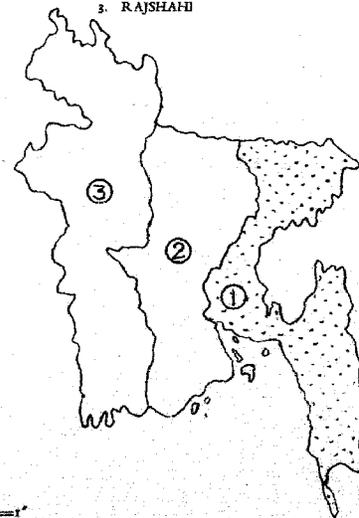
- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

**EAST PAKISTAN:**

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



RAINFALL FOR THE PERIOD FROM  
1-4-1957 TO  
31-5-1957



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 12th June, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Two westerly low pressure waves moved across East Pakistan in quick succession between the 7th and 10th causing fairly widespread rain or thundershowers till the 9th. Scattered to local thundershowers or showers occurred over the region thereafter.

Noteworthy amounts of rainfall during the week were : Chittagong and Satkhira 2" each on the 8th ; Sylhet 2" on the 9th ; Jessore and Bogra 2" each on the 10th.

Day temperatures were markedly to considerably above normal in Rajshahi division on the 6th, 8th, 9th and 11th and in Dacca and Rajshahi divisions on the 7th.

**WEST PAKISTAN :** Two low pressure waves moved across the north of the region between the 6th and the 9th. The first one accentuated the seasonal low over Quetta division and caused fairly widespread thundershowers in Lahore and Rawalpindi divisions and scattered dust or thundershowers in Multan and Peshawar divisions on the 6th. The second one caused scattered thundershowers or showers in Quetta division on the 8th and scattered to local dust or thundershowers with a few showers in the northern divisions on the following day.

A western disturbance moving thereafter across the north of Kashmir caused scattered to local thundershowers or light showers in Peshawar, Rawalpindi and Lahore divisions on the 11th. It was closely followed by a low pressure wave which appeared over D.I. Khan division on the 11th and moved to the extreme north of West Pakistan on the last day of the week after causing scattered thundershowers in north Kalat division.

Chief amounts of rainfall recorded during the week were : Jhelum  $\frac{1}{2}$ " of the 6th and Kalat  $\frac{1}{2}$ " on the 11th.

Day temperatures were markedly to considerably below normal in Lahore, Multan and Rawalpindi divisions on the 6th and 7th and in Quetta division on the 12th.

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

**DACCA DIVISION :** Fairly widespread rain fell on one day, local on three days and scattered on two days.

**RAJSHAHI DIVISION :** Rainfall was fairly widespread on one day, local on another day and scattered on four days.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Fairly widespread rain fell on one day.

**RAWALPINDI DIVISION :** Rainfall was scattered on one day.

**PESHAWAR DIVISION :** Scattered rain fell on two days.

**QUETTA DIVISION :** Scattered rain fell on two days.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

**D. I. KHAN 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.

**JUNAGARH :** Data not available.

3. The week's rainfall was in excess in Lahore and Quetta divisions, deficient in East Pakistan and Peshawar division and scanty in Rawalpindi division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was in large excess in Rawalpindi, Lahore and Multan divisions, deficient in East Pakistan, Peshawar and Quetta divisions. No rain was reported from elsewhere in 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, 1957 to date.

KARACHI-11. }

The 12th June, 1957. }

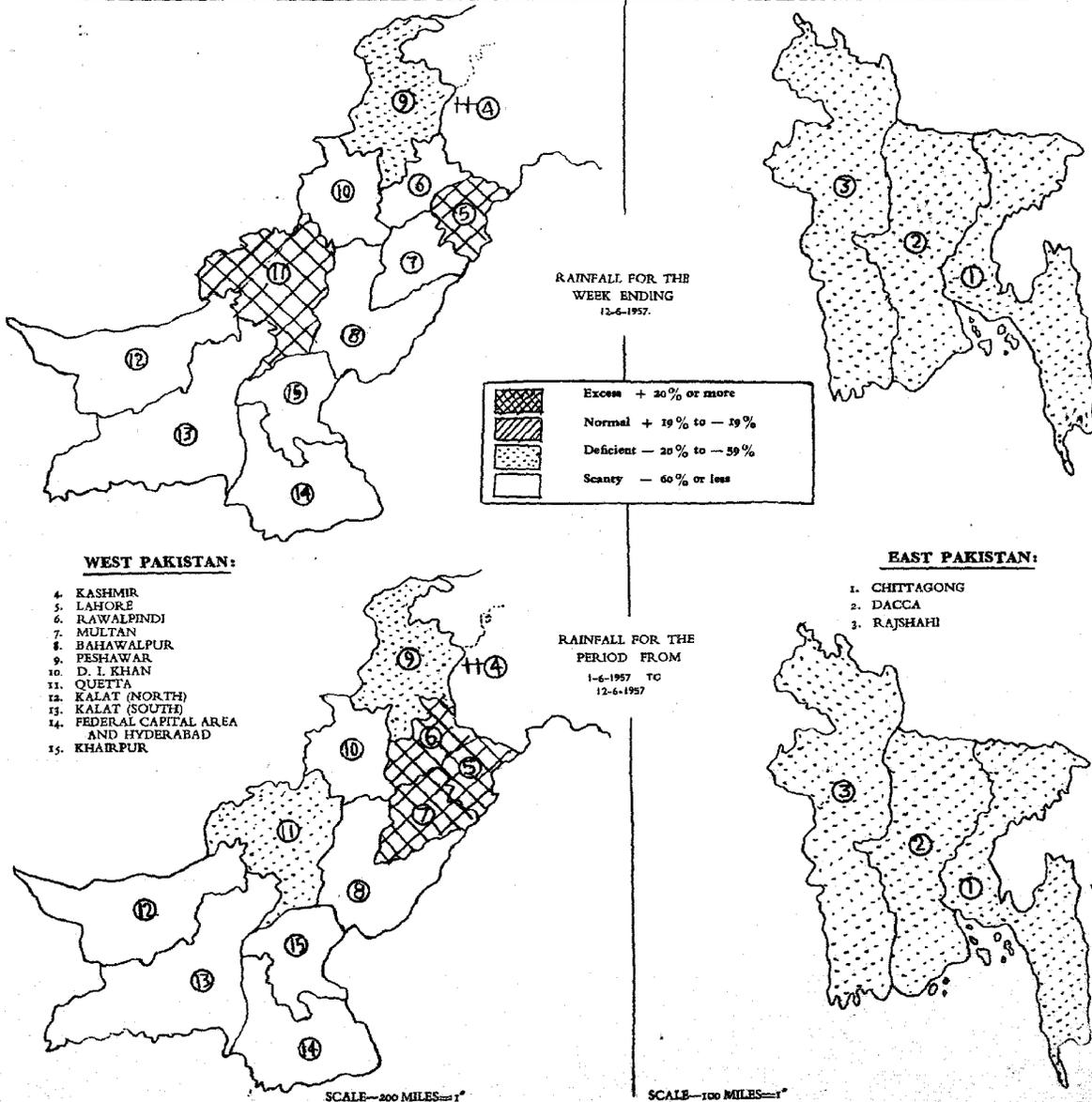
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 12th June, 1957.			Rainfall for period from 1st June, 1957 to 12th June, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.7	4.0	— 1.3	5.3	7.0	— 1.7	— 25
2. Dacca	1.5	3.3	— 1.8	3.2	5.4	— 2.3	— 41
3. Rajshahi	1.9	2.5	— 0.6	2.9	4.2	— 1.3	— 31
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.2	0.2	+ 0.1	0.3	0.2	+ 0.1	+ 77
6. Rawalpindi	0	0.3	— 0.3	0.9	0.5	+ 0.4	+ 76
7. Multan	0	0.1	— 0.1	0.2	0.1	+ 0.1	+ 82
8. Bahawalpur	0	0.1	— 0.1	0	0.1	— 0.1	— 100
9. Peshawar	0.1	0.2	— 0.1	0.1	0.3	— 0.2	— 59
10. D. I. Khan	0	0.1	— 0.1	0	0.1	— 0.1	— 100
11. Quetta	0.1	0.1	0	0.1	0.1	0	— 22
12. Kalat (North)	0	0	0	0	0	0	—
13. Kalat (South)	0	0	0	0	0	0	—
14. F. C. A. & H'Bad.	0	0	0	0	0.1	— 0.1	— 100
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.



## WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 26th June, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Incursion of moist air over East Pakistan was well marked throughout the week, when locally heavy rain fell in Chittagong and Rajshahi divisions on the 21st, in Chittagong and Dacca divisions on the 25th and in Chittagong division on the 22nd and 26th.

Significant amounts of rainfall recorded during the week were : Comilla 5"; Dinajpur 3"; Brahmanbaria and Mymensingh 2" each on the 21st ; Srimangal 3" and Sylhet 2" on the 22nd ; Brahmanbaria and Jessore 1½" each on the 23rd ; Mymensingh 2", Sylhet 1½" on the 24th ; Bogra 7", Mymensingh 4", Maijdee Court, Comilla and Rangpur 3" each on the 25th and Cox's Bazar 3" and Maijdee Court 2" each on the 26th.

Day temperatures were generally appreciably above normal over East Pakistan during the first five days of the week.

**WEST PAKISTAN :** The eastward passage of two troughs of low pressure across the northern divisions between the 20th and 24th was responsible for scattered light thunderstorms or showers over the area during the first five days of the week.

A low pressure wave which moved thereafter across the extreme north of West Pakistan on the 25th and lay over Kashmir on the last day of the week caused scattered light rain or thunderstorms over the northern divisions during the last two days and scattered duststorms in Khairpur and Hyderabad divisions on the 25th.

Chief amounts of rainfall recorded during the week were : Lyallpur ½" on the 20th ; Murree ½" on the 24th ; Fort Sandeman ½" on the 25th and Khushab ½" on the 26th.

Day temperatures were generally appreciably above normal over the northern portion of the region during the first three days and over Hyderabad division and the Federal Capital Area during the rest of the week.

2. **CHITTAGONG DIVISION :** Fairly widespread to widespread rain fell practically throughout the week.

**DACCA DIVISION :** Fairly widespread and scattered rain fell on one day each and local on five days.

**RAJSHAHI DIVISION :** Fairly widespread and scattered rain fell during the week.

**KASHMIR :** Data not available.

**RAWALPINDI DIVISION :** Rainfall was scattered on two days

**MULTAN DIVISION :** Scattered rain fell on one day.

**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.

**LAHORE DIVISION :** Weather remained dry.

**BAHAWALPUR 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

**JUNAGARH :** Data not available.

3. The week's rainfall was in excess in Rajshahi division, normal in Chittagong and Dacca divisions, deficient in Multan and Peshawar divisions, and scanty in Lahore, Rawalpindi, D.I. Khan and Quetta divisions. No rain fell elsewhere over West Pakistan

Rainfall for the period from 1st June, 1957 to date was normal in Chittagong and Rajshahi divisions, deficient in Dacca, Rawalpindi and Multan divisions and scanty in Lahore, Peshawar, Kalat (North), D.I. Khan and Quetta divisions. No rain was reported from elsewhere in 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, 1957 to date.

KARACHI-11. }

The 26th June, 1957. }

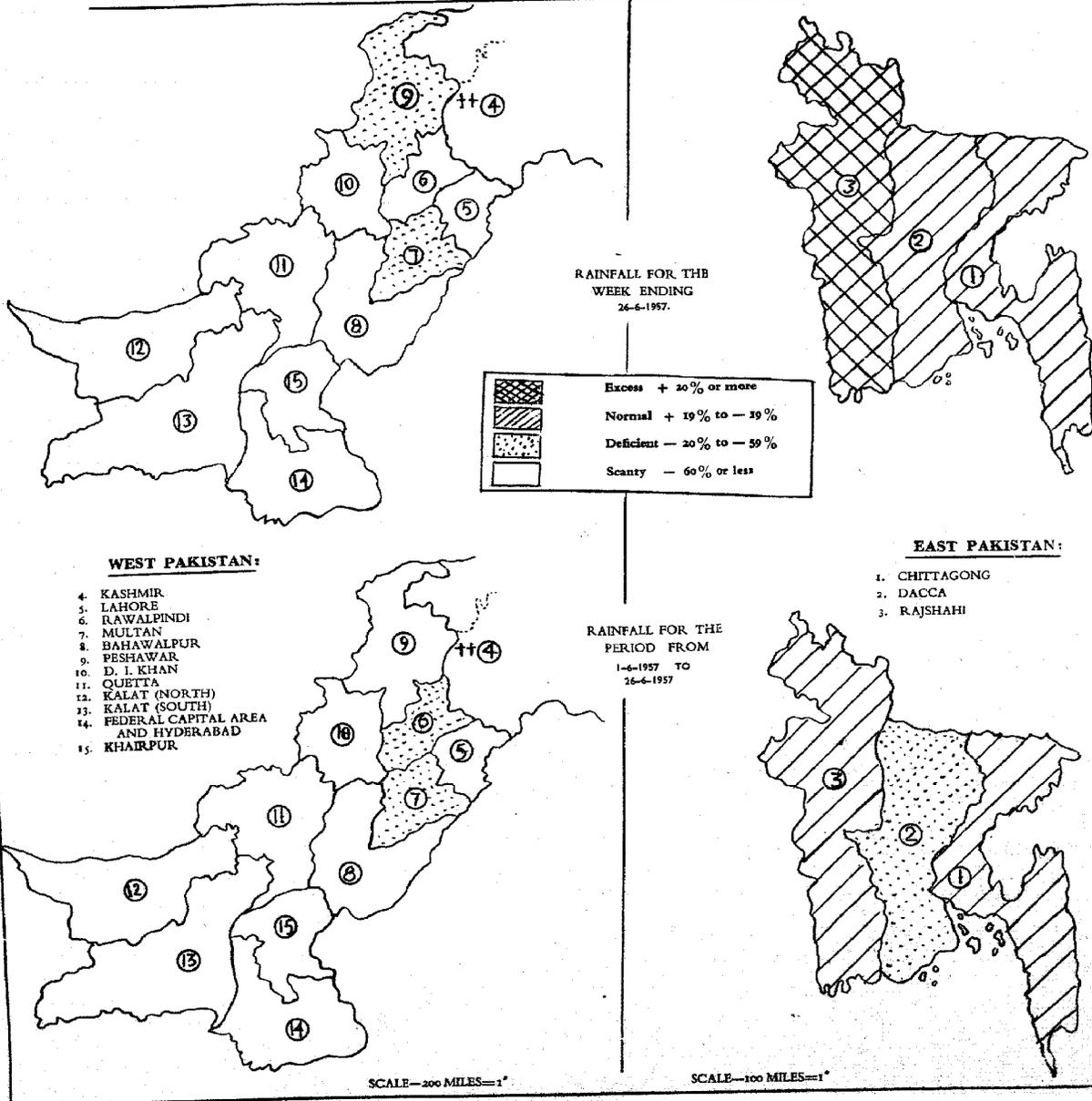
S. N. NAQVI.  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 26th June, 1957.			Rainfall for period from 1st June, 1957 to 26th June, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	5.4	5.5	0	15.1	18.0	-2.9	- 16
2. Dacca	3.4	3.9	- 0.5	10.0	12.8	-2.8	- 22
3. Rajshahi	4.6	3.7	+ 0.9	9.5	11.2	-1.7	- 15
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.9	- 0.9	0.4	1.5	-1.0	- 70
6. Rawalpindi	0.3	0.8	- 0.5	1.4	1.9	- 0.5	- 25
7. Multan	0.2	0.3	- 0.1	0.4	0.7	- 0.4	- 51
8. Bahawalpur	0	0.1	- 0.1	0	0.2	- 0.2	- 100
9. Peshawar	0.1	0.2	- 0.1	0.2	0.6	- 0.4	- 65
10. D. I. Khan	0.1	0.3	- 0.3	0.1	0.6	- 0.5	- 90
11. Quetta	0.1	0.1	- 0.1	0.1	0.3	- 0.2	- 60
12. Kalat (North)	0	0	0	0	0.1	- 0.1	- 89
13. Kalat (South)	0	0.1	- 0.1	0	0.1	- 0.1	- 100
14. F. C. A. & H'Bad.	0	0.3	- 0.3	0	0.4	- 0.4	- 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.



**WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR**

For the week ending at 0300 hours G.M.T. on Wednesday the 3rd July 1957.

—o:O:o—

**SUMMARY OF WEATHER**

**EAST PAKISTAN :** Monsoon was active over East Pakistan throughout the week and caused fairly widespread rain with locally heavy falls in Rajshahi division on the 27th, in this division and Chittagong division on the 28th, in the whole province between the 29th and the 3rd and in the Chittagong division alone on the 3rd.

Noteworthy amounts of rainfall were : Rangpur 3" on the 27th ; Cox's Bazar, Sirajganj and Rangpur 4" each on the 28th ; Barisal and Jessore 4" each, Cox's Bazar, Chittagong, Mymensingh and Khulna 3" each on the 29th ; Barisal 5", Faridpur and Jessore 4" each, Cox's Bazar, Chittagong and Khulna 3" each on the 30th ; Cox's Bazar 11", Mymensingh 4", Comilla, Dacca, Sirajganj and Bogra 3" each on the 1st ; Maijdee Court 5", Sirajganj 4", Cox's Bazar, Khulna and Jessore 3" each on the 2nd and Cox's Bazar 4" on the 3rd.

Day temperatures were generally appreciably above normal in Rajshahi division on the 27th and appreciably to markedly below normal over the region between the 29th and the 3rd.

**WEST PAKISTAN :** Last week's low pressure wave over Kashmir moved away after causing scattered thunderstorms or showers in Rawalpindi and Peshawar divisions on the 27th.

Two low pressure waves moving thereafter across the extreme north of the country and a low which moved from Quetta division to Multan and adjoining Bahawalpur division between the 28th and the 30th caused local dust or thunderstorm over the northern divisions between the 28th and the 3rd, in Hyderabad division on the 30th and in South Kalat division on the 1st.

Chief amounts of rainfall recorded during the week were : Khushab ½" on the 27th ; Multan, D.I. Khan and Harnai ½" each on the 28th ; Umarkot 2" on the 30th and Turbat 2" and Las Bela 1" on the 1st.

Day temperatures were generally appreciably to markedly above normal in Hyderabad division and the Federal Capital Area throughout the week and over most of the northern divisions on the 27th and from 1st to 3rd. They were appreciably below normal in north Kalat and Quetta divisions throughout the week and over the region outside coastal districts and Hyderabad division on the 29th and 30th.

**CHITTAGONG DIVISION :** Fairly widespread rain fell practically throughout the week.

**RAJSHAHI DIVISION :** Fairly widespread rain fell practically throughout the week.

**DACCA DIVISION :** Fairly widespread rain fell on five days, local and scattered on one day each.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Weather remained dry.

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

**MULTAN DIVISION :** Rainfall was scattered on one day.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Scattered rain fell on two days.

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

**QUETTA DIVISION :** Rainfall was local 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 :** Scattered rainfall on one day.

**JUNAGARH :** Data not available.

3. The week's rainfall was in large excess in East Pakistan, in excess in Quetta division, normal in Peshawar, D.I. Khan and Kalat (north) divisions and scanty in Rawalpindi, Lahore, Multan and Bahawalpur divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was in excess in Dacca and Rajshahi divisions, normal in Chittagong division, deficient in Rawalpindi, Peshawar and Quetta divisions and scanty in D.I. Khan, Lahore, Multan and Bahawalpur divisions. No rain was reported from elsewhere in 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, 1957 to date.

KARACHI-11. }  
The 3rd July, 1957. }

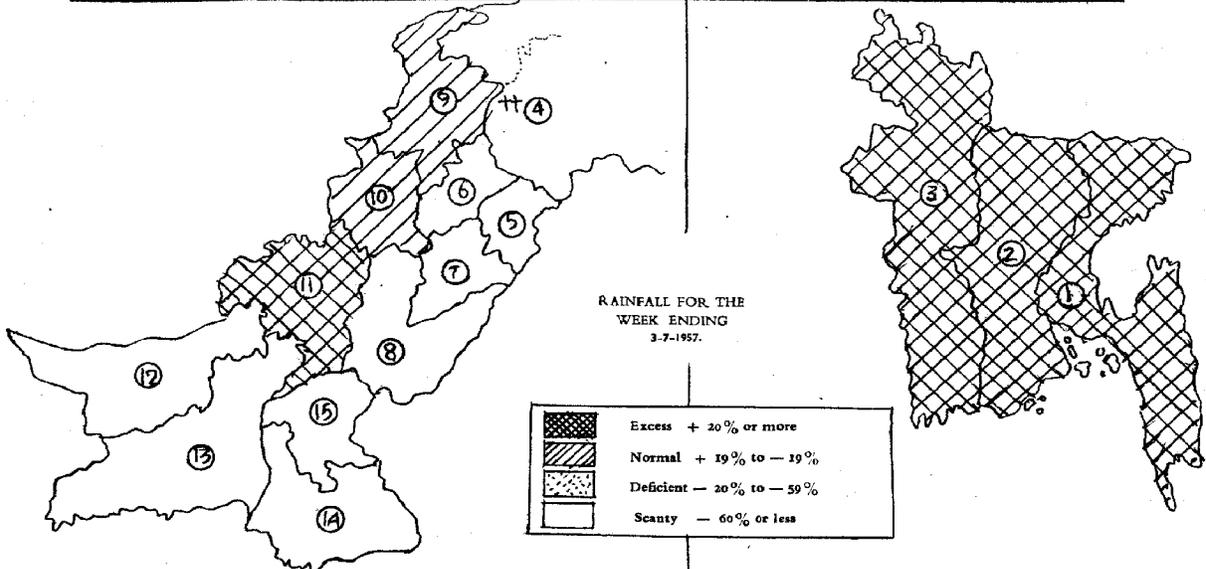
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

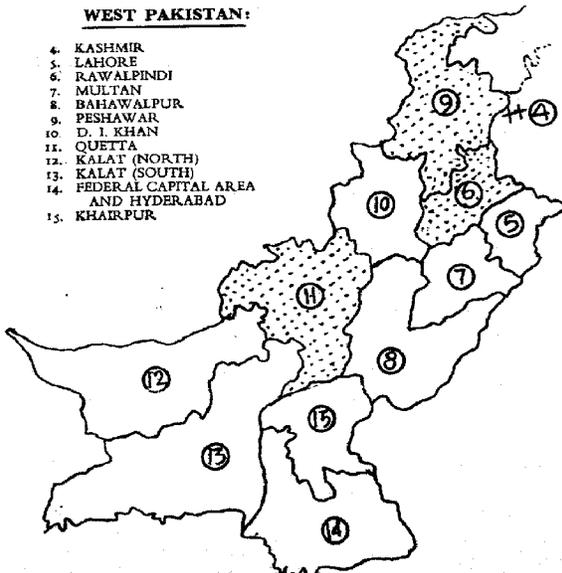
Division.	Rainfall for week ending on 3rd July, 1957.			Rainfall for period from 1st June, 1957 to 3rd July, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	10.8	4.7	6.1	25.9	22.6	3.3	14
2. Dacca	9.3	3.3	6.0	19.3	16.1	3.3	20
3. Rajshahi	9.3	3.4	5.9	18.8	14.6	4.2	29
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	1.1	— 1.0	0.5	2.6	— 2.1	— 83
6. Rawalpindi	0.4	1.3	— 0.8	1.8	3.1	— 1.3	— 42
7. Multan	0.2	1.0	— 0.8	0.6	1.7	— 1.2	— 67
8. Bahawalpur	0	0.3	— 0.2	0	0.5	— 0.4	— 93
9. Peshawar	0.2	0.2	0	0.4	0.8	— 0.4	— 51
10. D. I. Khan	0.3	0.3	0	0.3	0.9	— 0.5	— 61
11. Quetta	0.2	0.2	0.1	0.3	0.5	— 0.1	— 24
12. Kalar (North)	0	0	0	0	0.1	— 0.1	— 92
13. Kalar (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	— 1.0	— 100
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

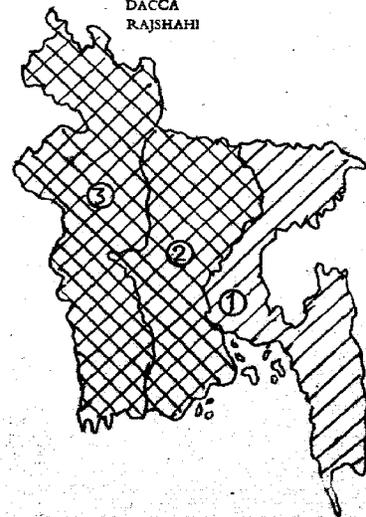


SCALE—200 MILES—1"

**EAST PAKISTAN:**

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

**RAINFALL FOR THE PERIOD FROM 1-6-1957 TO 3-7-1957**



SCALE—100 MILES—1"

## WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 10th July, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Under the influence of a low moving westnorthwestwards across West Bengal, fairly widespread light rain fell in Dacca and Rajshahi divisions and local in Chittagong division on the 4th.

Scattered to local light rain continued thereafter over the region upto the 9th when monsoon activity increased over East Pakistan. Fairly widespread rain with locally moderate to heavy falls were recorded during the last two days of the week.

Significant amounts of rainfall during the week were : Sylhet and Barisal 1" each on the 5th ; Majdee Court 1" on the 7th ; Dinajpur 3", Cox's Bazar and Comilla 2" each on the 9th and Srimangal 3", Comilla, Barisal and Sylhet 2" each on the 10th.

Day temperatures were generally appreciably above normal in Chittagong division on the 5th and 6th and in Rajshahi division on the 7th.

**WEST PAKISTAN :** A low pressure wave appearing over Peshawar division on the last day of the previous week moved away after causing scattered thunderstorm activity over there on the 4th.

Another low pressure wave moved across Peshawar division and Kashmir during the last two days of the week causing fairly widespread thunderstorms or showers in Rawalpindi division and local in Peshawar and Lahore divisions on the last day of the week.

Chief amounts of rainfall recorded during the week were : Murree 2", Haripur, Chakdara and Kakul  $\frac{1}{2}$ " each on the 10th.

Day temperatures were generally markedly to considerably above normal over the northern areas throughout the week.

2. **CHITTAGONG DIVISION :** Rainfall was fairly widespread on three days and local and scattered on two days each.

**DACCA DIVISION :** Fairly widespread rain fell on one day, local on three days and scattered on two days.

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

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Local rain fell on one day.

**RAWALPINDI DIVISION :** Fairly widespread rain fell on one day.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

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

**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.

**JUNAGARH :** Data not available.

3. The week's rainfall was deficient in Chittagong and Rawalpindi divisions and scanty elsewhere over East Pakistan, and Lahore and Peshawar divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan, deficient in Rawalpindi and Quetta divisions and scanty in Lahore, Multan, Peshawar, D.I. Khan, Bahawalpur and Kalat (north) divisions. No rain was reported from elsewhere in 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, 1957 to date.

KARACHI-11. }

The 10th July, 1957. }

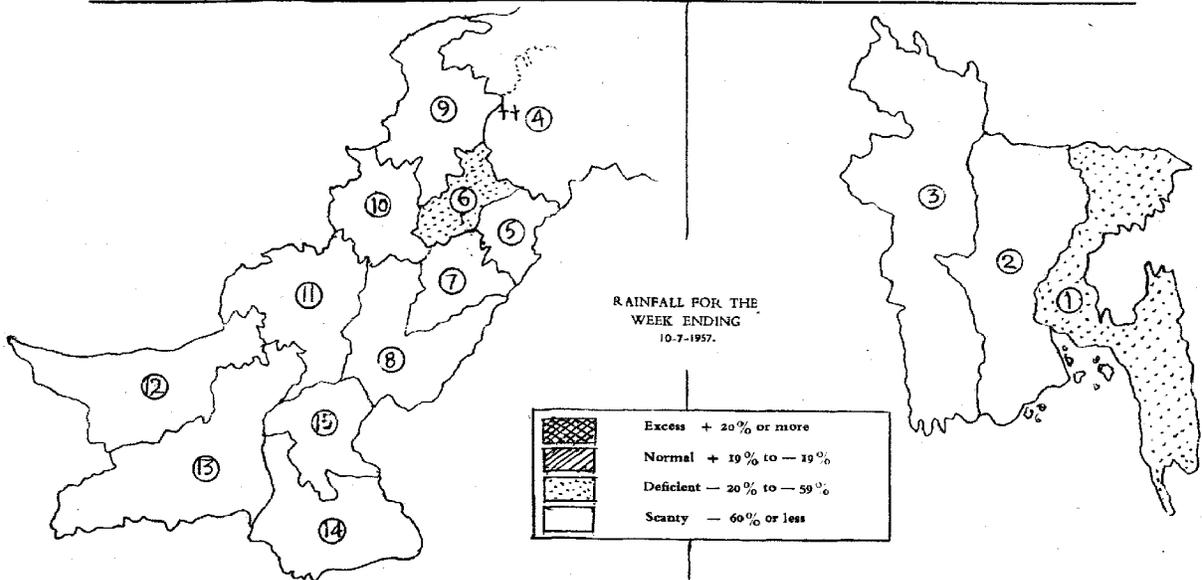
S. N. NAQVI.  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 10th July, 1957.			Rainfall for period from 1st June, 1957 to 10th July, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	3.6	4.6	— 1.0	29.5	27.3	2.3	8
2. Dacca	1.4	3.5	— 2.1	20.7	19.6	1.1	6
3. Rajshahi	1.6	3.6	— 2.9	19.5	18.2	1.3	7
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.1	1.7	— 1.6	0.5	4.2	— 3.7	— 87
6. Rawalpindi	0.9	1.6	— 0.7	2.7	4.7	— 2.0	— 42
7. Multan	0	0.6	— 0.6	0.6	2.4	— 1.8	— 76
8. Bahawalpur	0	0.5	— 0.5	0	1.0	— 1.0	— 97
9. Peshawar	0	0.5	— 0.4	0.4	1.3	— 0.9	— 67
10. D. I. Khan	0	0.5	— 0.5	0.3	1.3	— 1.0	— 75
11. Quetta	0	0.2	— 0.2	0.3	0.7	— 0.3	— 48
12. Kalat (North)	0	0.1	— 0.1	0	0.2	— 0.2	— 95
13. Kalat (South)	0	0.1	— 0.1	0	0.2	— 0.2	— 100
14. F. C. A. & H'Bad.	0	0.5	— 0.5	0	1.5	— 1.5	— 100
15. Khairpur	0	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.

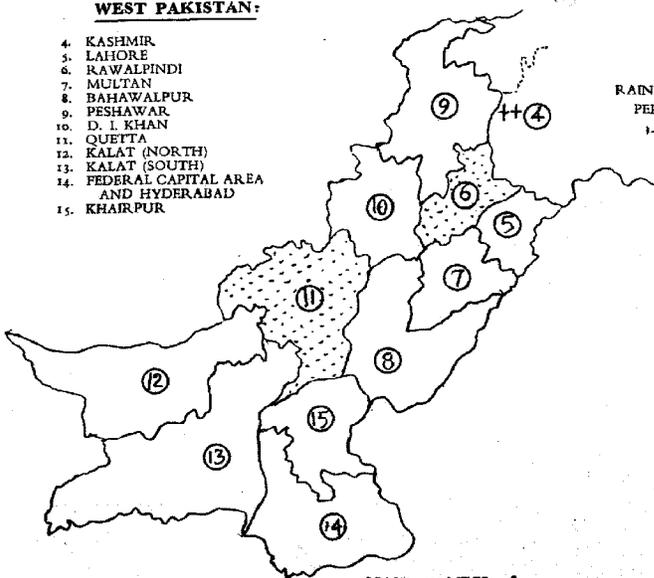


**WEST PAKISTAN:**

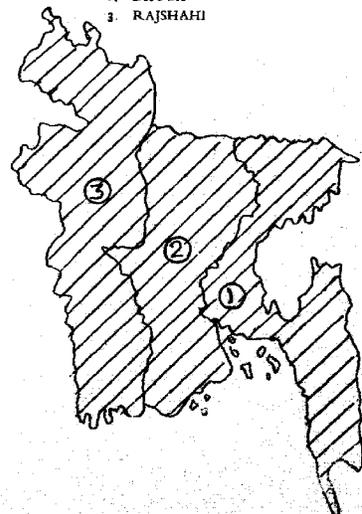
- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDRABAD
- 15. KHAIKUR

**EAST PAKISTAN:**

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



RAINFALL FOR THE PERIOD FROM  
1-6-1957 TO  
10-7-1957



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 August 1957.

—o:O:o—

**SUMMARY OF WEATHER**

**EAST PAKISTAN :** Monsoon was strong over East Pakistan causing fairly widespread rain in Chittagong and Dacca divisions and scattered in Rajshahi division throughout the week. Locally moderate to heavy falls were reported from Chittagong division on the 2nd and the 5th.

Principal amounts of rainfall recorded were : Barisal 2" and Majdee Court 1½" on the 1st ; Sylhet 3", Noakhali 2" and Cox's Bazar 1" on the 2nd ; Cox's Bazar and Majdee Court 1" each on the 3rd ; Chittagong, Majdee Court, Sylhet and Srimangal 1½" each on the 4th ; Chittagong and Sylhet 4" each, Cox's Bazar 3" and Rangpur 2" on the 5th ; Jessore and Sirajganj 3" each, Majdee Court, Mymensingh, Narayanganj and Faridpur 2" each on the 6th and Faridpur and Satkhira 2" each and Sirajganj 1½" on the 7th.

**WEST PAKISTAN :** Two waves of low pressure moved eastwards in quick succession across the extreme north of the region on the first two days of the week and caused fairly widespread thundershowers in Lahore and Rawalpindi divisions and scattered in Peshawar, D.I. Khan, Quetta and Multan divisions on those days.

Dry weather prevailed over the region during the rest of the week, except for the last day when a low pressure wave caused scattered thundershowers in Rawalpindi division.

Chief amounts of rainfall recorded during the week were : Jhelum 2", Lahore and Lyallpur 1½" each and Sialkot, Rawalpindi, Murree and Khushab 1" each on the 1st ; Murree 1½", Harnai ½", Lyallpur and Rawalpindi ½" each on the 2nd and Rawalpindi ½" on the 7th.

Day temperatures were considerably below normal over the northern parts on the 2nd and in Lahore and Multan divisions on the 3rd. They were generally markedly above normal over Hyderabad division and the Federal Capital Area on the 3rd, 4th and the 5th and the region outside Kalat division on the 6th.

2. **CHITTAGONG DIVISION :** Rainfall was widespread on one day and fairly widespread on six days.

**DACCA DIVISION :** Fairly widespread and local rain fell on three days each and scattered on another day.

**RAJSHAHI DIVISION :** Fairly widespread and local rain fell on two days each and scattered on three days.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Fairly widespread rain fell on one day and local on another day.

**RAWALPINDI DIVISION :** Rainfall was fairly widespread on one day, local on another day and scattered on the third day.

**MULTAN DIVISION :** Scattered rain fell on one day.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Local rain fell on one day and scattered on another 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.

**JUNAGARH :** Data not available.

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

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan, deficient in Lahore, Rawalpindi, Multan, Peshawar, D.I. Khan and Quetta divisions and scanty in Bahawalpur and Hyderabad divisions and the Federal Capital Area. No rain fell 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, 1957 to date.

KARACHI-11. }  
The 7th August, 1957. }

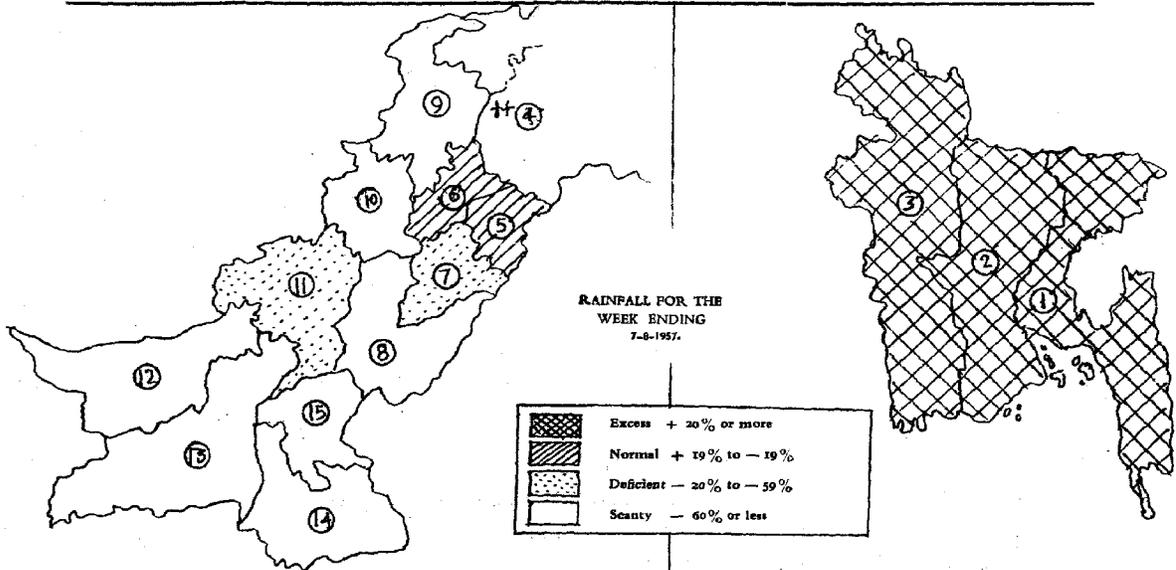
S. N. NAQVI,  
Director, Meteorological Service



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 7th August, 1957.			Rainfall for period from 1st June, 1957 to 7th August, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	5.5	4.4	+ 1.0	48.2	46.7	+ 1.5	+ 3
2. Dacca	4.7	3.2	+ 1.5	35.0	32.4	+ 2.6	+ 8
3. Rajshahi	3.8	2.8	+ 1.1	34.3	29.7	+ 4.6	+ 15
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.4	1.7	— 0.2	7.9	10.6	— 2.6	— 25
6. Rawalpindi	2.0	2.0	— 0.1	8.3	12.7	— 4.4	— 34
7. Multan	0.5	0.7	— 0.3	1.9	4.7	— 2.8	— 59
8. Bahawalpur	0	0.5	— 0.5	0.5	3.3	— 2.7	— 84
9. Peshawar	0	0.0	— 0.9	2.4	4.1	— 1.7	— 42
10. D. I. Khan	0.1	0.6	— 0.5	1.9	3.3	— 1.4	— 42
11. Quetta	0.2	0.3	— 0.2	0.9	2.2	— 1.3	— 59
12. Kalat (North)	0	0.1	— 0.1	0	0.6	— 0.6	— 98
13. Kalat (South)	0	0	0	0	0.7	— 0.7	— 100
14. F. C. A. & H <sup>2</sup> Bad.	0	0.4	— 0.4	0.2	4.2	— 3.9	— 94
15. Khairpur	0	0.4	— 0.4	0	1.6	— 1.6	— 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

SCALE—200 MILES=1"

**EAST PAKISTAN:**

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

RAINFALL FOR THE PERIOD FROM 1-6-1957 TO 7-8-1957

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 August, 1957.

—o:O:o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** The activity of the monsoon over East Pakistan during the week was at first influenced by a depression which formed over the head of Bay of Bengal with its centre at 1200 hours G.M.T of the 8th within one degree of Latitude  $21^{\circ}$  N. and Longitude  $88^{\circ}$  E. It moved inland by the following morning, weakened into a low over Orissa the same day, and moved to Madhya Bharat by the 11th morning where it weakened further and merged into the seasonal trough, next day. Thereafter a low pressure wave moved across central Burma to the northwest Bay of Bengal on the 12th. These caused local rainfall over East Pakistan during the week.

Chief amounts of rainfall recorded during the week were : Rangpur  $1\frac{1}{2}$ " on the 8th ; Sylhet 1" on the 9th ; Majidee Court and Srimangal 1" each on the 10th ; Faridpur and Dinajpur  $1\frac{1}{4}$ " each on the 11th ; Mymensingh  $1\frac{1}{4}$ " on the 12th ; and 13th and Chittagong  $\frac{1}{2}$ " ; Narayanganj and Dinajpur 2" each, Srimangal, Sylhet and Majidee Court 1" each on the 14th.

Day temperatures were markedly below normal over the northern parts on the 12th and appreciably above normal over the region on the 14th.

**WEST PAKISTAN :** Four western disturbances moved across the extreme north of the country during the week. The first two caused fairly widespread thunderstorms or showers in Lahore and Rawalpindi divisions and scattered in Peshawar, D.I. Khan and Multan divisions on the 8th and the 9th. The third and the fourth caused fairly widespread rain with locally moderate to heavy falls in Rawalpindi and Lahore divisions, local in Peshawar division and scattered thunderstorms or showers in Multan, D.I. Khan and Bahawalpur divisions between the 11th and the 14th.

Chief amounts of rainfall recorded during the week were : Lahore and Jhelum  $\frac{1}{2}$ " each on the 8th, Jhelum and Rawalpindi 1" each and Parachinar  $\frac{1}{2}$ " on the 9th ; Murree and Fort Abbas  $\frac{1}{2}$ " each on the 11th, Murree 2", Drosh 1" on the 12th ; Rawalpindi  $\frac{1}{2}$ ", Jhelum 2", Khushab  $1\frac{1}{2}$ ", Murree, Lyallpur and Kakul 1" each on the 13th and Lahore 2" on the 14th.

Day temperatures were considerably below normal in Rawalpindi, Lahore and Multan divisions on the 9th and in the northern parts on the 14th. They were markedly above normal in Hyderabad division and the Federal Capital Area on the 10th and the 11th.

2. **CHITTAGONG DIVISION :** Fairly widespread and scattered rain fell on one day each and local on five days.

**DACCA DIVISION :** Rainfall was fairly widespread and scattered on one day each and local on four days.

**RAJSHAHI DIVISION :** Rainfall was fairly widespread on one day and local and scattered on three days each.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Fairly widespread rain fell on three days and local on two days.

**RAWALPINDI DIVISION :** Rainfall was fairly widespread on four days and scattered on two days.

**MULTAN DIVISION :** Scattered rain fell on two days.

**BAHAWALPUR DIVISION :** Scattered rain fell on two days.

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

**D. I. KHAN DIVISION :** Rainfall was scattered on two days.

**QUETTA DIVISION :** Weather remained dry.

**KALAT (NORTH) DIVISION :** Weather remained dry.

**KALAT (SOUTH) DIVISION :** Weather remained dry.

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGARH :** Data not available.

3. The week's rainfall was in excess in Rawalpindi and Lahore divisions, deficient in East Pakistan and Multan and D.I. Khan divisions and scanty in Bahawalpur, Peshawar and Hyderabad divisions and the Federal Capital Area. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and Lahore division, deficient in Rawalpindi, Multan, Peshawar and D.I. Khan divisions and scanty elsewhere over West Pakistan outside Kalat (South) and Khairpur divisions where no rain fell.

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, 1957 to date.

KARACHI-11. }  
The 14th Aug. 1957. }

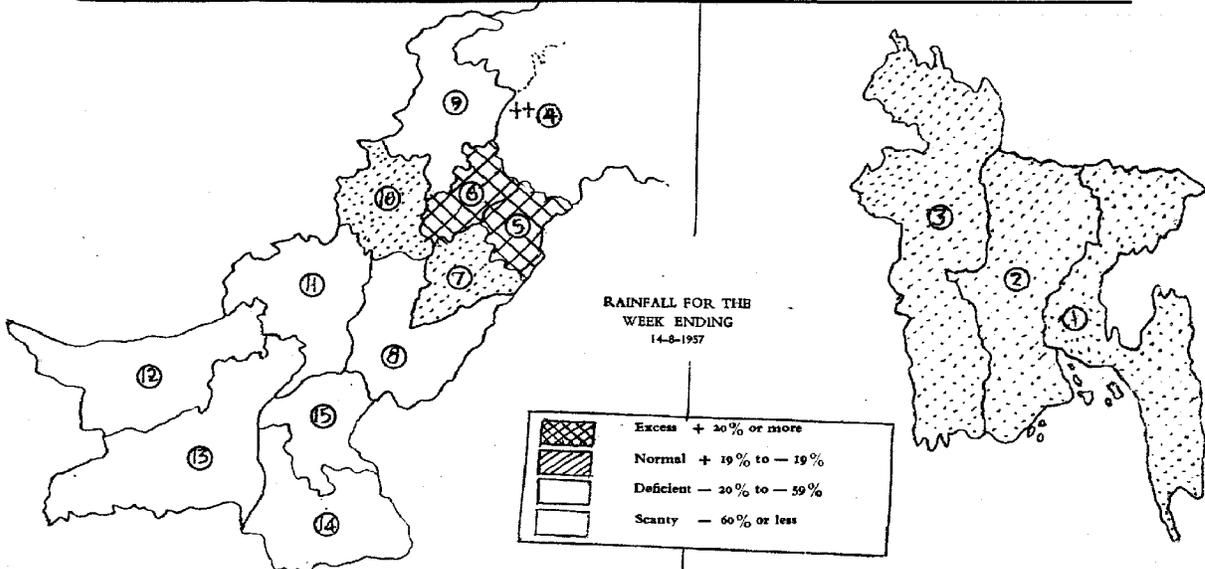
S. N. NAQVI  
Director, Meteorological Service



# WEEKLY WEATHER REPORT

Division..	Rainfall for week ending on 14th August, 1957.			Rainfall for period from 1st June, 1957 to 14th August, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.1	4.8	— 2.7	50.4	51.5	— 1.1	— 2
2. Dacca	2.3	3.1	— 0.9	37.3	35.5	1.7	5
3. Rajshahi	1.7	2.8	— 1.1	36.0	32.5	3.4	11
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	2.3	1.8	0.5	10.3	12.4	— 2.1	— 17
6. Rawalpindi	3.8	2.5	1.3	12.1	15.2	— 3.1	— 20
7. Multan	0.5	0.8	— 0.3	2.5	5.5	— 3.1	— 56
8. Bahawalpur	0.1	0.4	— 0.3	0.6	3.7	— 3.0	— 83
9. Peshawar	0.1	0.9	— 0.8	2.5	5.1	— 2.6	— 51
10. D. I. Khan	0.3	0.4	— 0.2	2.1	3.7	— 1.5	— 42
11. Quetta	0	0.3	0.3	0.9	2.5	— 1.6	— 65
12. Kalat (North)	0	0.1	— 0.1	0	0.7	— 0.7	— 98
13. Kalat (South)	0	0.1	— 0.1	0	0.8	— 0.8	— 100
14. F. C. A. & H'Bad.	0.1	0.7	— 0.6	0.3	4.9	— 4.5	— 93
15. Khairpur	0	0.3	— 0.3	0	1.9	— 1.9	— 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.

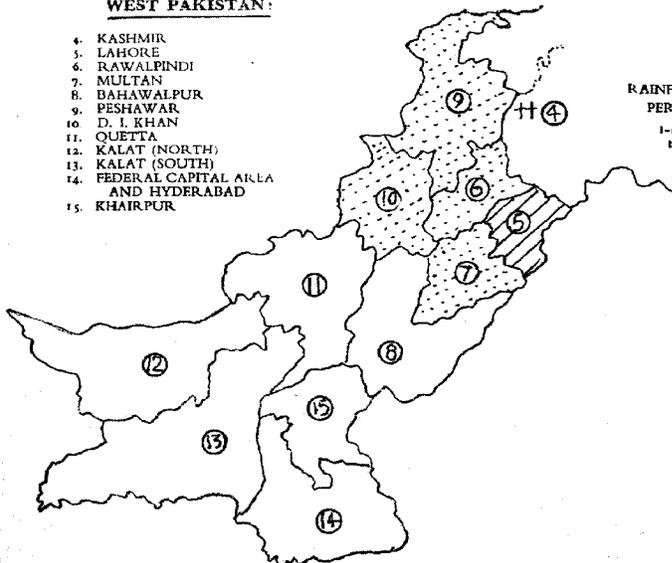


**WEST PAKISTAN:**

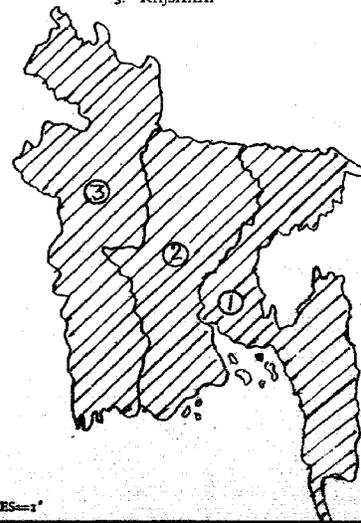
- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

**EAST PAKISTAN:**

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



RAINFALL FOR THE PERIOD FROM  
1-6-1957 TO  
14-8-1957



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 21st August, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** In spite of the fact that three waves of low pressure from the east moved into the Bay of Bengal between the 15th and 19th and the last one developed into a cyclonic storm by the end of the week, the monsoon remained weak in East Pakistan and only local rain fell in Chittagong division during the week with a few falls elsewhere on the first four days.

Chief amounts of rainfall during the week were : Rangpur 1" and Srimangal  $\frac{3}{4}$ " on the 15th, Rangpur  $\frac{3}{4}$ " on the 16th, Sylhet 2" on the 18th and Chittagong and Barisal 1" each on the 19th.

Day temperatures were appreciably above normal over East Pakistan on the last three days of the week.

**WEST PAKISTAN :** Fairly widespread thunderstorms or showers were experienced in Khairpur division on the 15th and in Hyderabad division and the Federal Capital Area on the following day due to the movement of a low from Rajasthan to Hyderabad divisions. Five low pressure waves also moved across the northern parts of West Pakistan and caused scattered thunderstorms or showers in those parts on all days of the week.

Chief amounts of rainfall were : Jhelum 2" and Sialkot and Kakul  $\frac{1}{4}$ " each on the 19th, Campbellpur 1" and Bannu  $\frac{3}{4}$ " on the 20th and Kakul  $\frac{3}{4}$ " on the 21st.

Day temperatures were appreciably below normal in Lahore, Peshawar, Rawalpindi and Multan divisions on the first two days and again on the 19th and 20th. They were appreciably above normal on the 15th and the 16th in Hyderabad division and the Federal Capital Area and on the last three days in Quetta and D.I. Khan divisions also.

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

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

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

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Rainfall was local on three days.

**RAWALPINDI DIVISION :** Nearly general rain fell on one day, local on another day and scattered on a third day.

**MULTAN DIVISION :** Rainfall was scattered on one day.

**BAHAWALPUR DIVISION :** Weather remained dry.

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

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

**QUETTA DIVISION :** Scattered rain fell on two days.

**KALAT (NORTH) DIVISION :** Weather was dry.

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

**FEDERAL CAPITAL AREA AND HYDERABAD DIVISION :** Rainfall was nearly general on one day and scattered on another day.

**KHAIRPUR DIVISION :** Scattered rain fell on two days.

**JUNAGADH :** Data not available.

3. The week's rainfall was deficient in Lahore, Peshawar and Quetta divisions and scanty in East Pakistan and in Rawalpindi, Multan, D.I. Khan, Kalat (South), Khairpur and Hyderabad divisions and the Federal Capital Area. No rain fell elsewhere over the country.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan, deficient in Lahore, Rawalpindi, Peshawar and D.I. Khan divisions and scanty over the rest of 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, 1957 to date.

KARACHI-11.

The 21st August, 1957

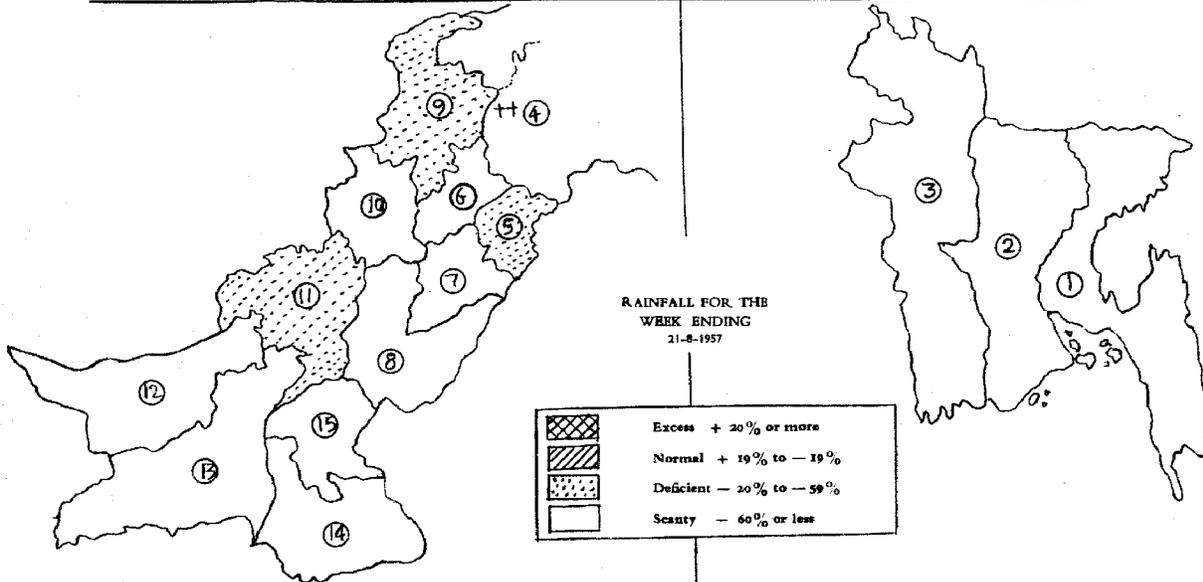
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 21st August, 1957.			Rainfall for period from 1st June, 1957 to 21st August, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	1.1	4.5	— 3.4	51.5	56.0	— 4.5	— 87
2. Dacca	0.5	3.2	— 2.7	37.8	38.7	— 1.0	— 3
3. Rajshahi	0.6	2.8	— 2.3	36.5	35.4	1.2	3
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.9	1.7	— 0.8	11.2	14.1	— 2.9	— 20
6. Rawalpindi	0.6	2.1	— 1.5	12.8	17.4	— 4.6	— 26
7. Multan	0	0.6	— 0.6	2.5	6.1	— 3.7	— 60
8. Bahawalpur	0	0.4	— 0.4	0.6	4.1	— 3.5	— 85
9. Peshawar	0.3	0.8	— 0.4	2.8	5.8	— 3.0	— 52
10. D. I. Khan	0	0.3	— 0.3	2.1	4.0	— 1.8	— 46
11. Quetta	0.2	0.3	— 0.1	1.1	2.8	— 1.7	— 62
12. Kalat (North)	0	0	0	0	0.7	— 0.7	— 99
13. Kalat (South)	0	0	0	0	0.8	— 0.8	— 100
14. F. C. A. & H'Bad.	0.2	0.4	— 0.3	0.5	5.3	— 4.8	— 90
15. Khairpur	0	0.2	— 0.2	0	2.1	— 2.1	— 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.



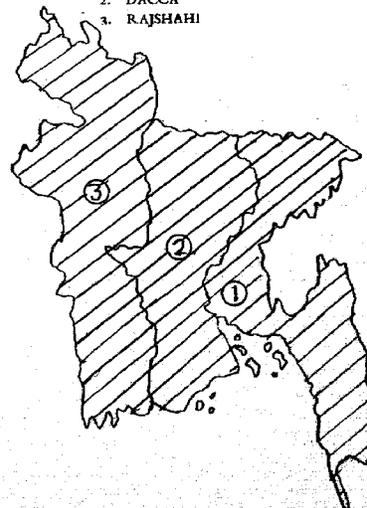
**WEST PAKISTAN:**

- 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 1-6-1957 TO 21-8-1957**



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 28th August, 1957.

—o:O:o—

**SUMMARY OF WEATHER**

The weather in both the wings was affected by the deep depression which lay in the north Bay of Bengal on the last day of the previous week and concentrated into a cyclonic storm by 1200 G.M.T. when it was centered near latitude 20° N. and longitude 87° E. It moved westnorthwestwards, crossed the coast during the night and began to weaken. It was centered at 0300 G.M.T. of the 22nd about 50 miles west of Cuttack. The depression however continued to be deep and was centered next morning about 70 miles to the west of Bhopal. Thereafter it weakened and on reaching north Rajasthan by the 25th evening it curved to northwards and filled up in the East Punjab hills by the following morning.

Under its influence the monsoon was active and caused fairly widespread rainfall over the whole of East Pakistan between the 22nd and 25th. In West Pakistan it gave rise to fairly widespread rain or thundershowers with locally heavy showers in Lahore, Rawalpindi, and Multan divisions and scattered light rain in Peshawar, Bahawalpur and Hyderabad divisions on the 25th and 26th.

**EAST PAKISTAN :** Immediately after the depression mentioned above a low appeared over West Bengal and Bihar on the 27th and caused fairly widespread rainfall in Chittagong and Dacca divisions and local in Rajshahi division on the last three days of the week.

Chief amounts of rainfall recorded during the week were : Cox's Bazar and Brahmanbaria 1" each on the 22nd ; Cox's Bazar and Majidee Court 1" each on the 23rd ; Srimangal 4", Brahmanbaria and Straganj 1½" each on the 24th ; Majidee Court 2" and Srimanga 1" on the 25th ; Sylhet 1" on the 26th, Cox's Bazar 3" and Majidee Court 1½" on the 27th and Chittagong 3", Majidee Court, Dacca and Bogra 1½" each on the 28th.

Day temperatures were appreciably below normal on the first day and practically normal during the rest of the week.

**WEST PAKISTAN :** Last week's western disturbance over Peshawar division moved away across Kashmir after causing scattered thundershowers in Peshawar and D.I. Khan divisions on the 22nd, while the eastern low over south Rajasthan moved to Hyderabad division and merged into the seasonal trough of low pressure. It caused thundershowers locally in the southern half of West Pakistan on the first two days of the week.

Another western disturbance moving rapidly across the northern parts of the region caused thunderstorms or showers locally in the area on the 23rd.

A low moved across Peshawar division thereafter causing scattered thunderstorms or showers in Rawalpindi, Peshawar and Multan divisions on the 27th and 28th.

Chief amounts of rainfall recorded during the week were : Montgomery 4", Lahore, Jhelum and Lyallpur 1½" each on the 25th and Sialkot 9", Hafizabad 5", Lahore 4", Jhelum 3", Murree and Montgomery 2" each on the 26th.

Day temperatures were generally appreciably below normal over the northern parts of the region on the 22nd, 23rd and 24th and markedly to considerably below normal in Lahore, Rawalpindi and Multan divisions on the 26th and 27th.

2. **CHITTAGONG DIVISION :** Rainfall was fairly widespread on four days, local on two days and scattered on one day.
- DACCA DIVISION :** Fairly widespread rain fell on four days and local on three days.
- RAJSHAHI DIVISION :** Fairly widespread and local rain fell on three days each and scattered on one day.
- KASHMIR :** Data not available.
- LAHORE DIVISION :** Rainfall was fairly widespread on two days and local on one day.
- RAWALPINDI DIVISION :** Rainfall was fairly widespread and local on one day each and scattered on two days.
- MULTAN DIVISION :** Local rain fell on two days.
- BAHAWALPUR DIVISION :** Local and scattered rain fell on one day each.
- PESHAWAR DIVISION :** Local rain fell on one day and scattered on four days.
- D. I. KHAN DIVISION :** Local rain fell on one day.
- 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 :** Local rain fell on two days and scattered on the day.
- KHAIRPUR DIVISION :** Weather remained dry.
- JUNAGADH :** Data not available.

3. The week's rainfall was in large excess in Multan and Hyderabad divisions and the Federal Capital Area, in excess in Lahore division, normal in Chittagong, Rawalpindi and Kalat divisions, deficient in Dacca, Rajshahi, Bahawalpur and D.I. Khan divisions and scanty in Peshawar and Quetta divisions. No rain fell in Khairpur division.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and Multan division, deficient in Lahore, Rawalpindi, Peshawar and D.I. Khan divisions and scanty in Bahawalpur, Quetta, Kalat (north) and Hyderabad divisions and the Federal Capital Area. No rain was reported from Kalat (south) 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, 1957 to date.

KARACHI-11. }  
The 28th August 1957. }

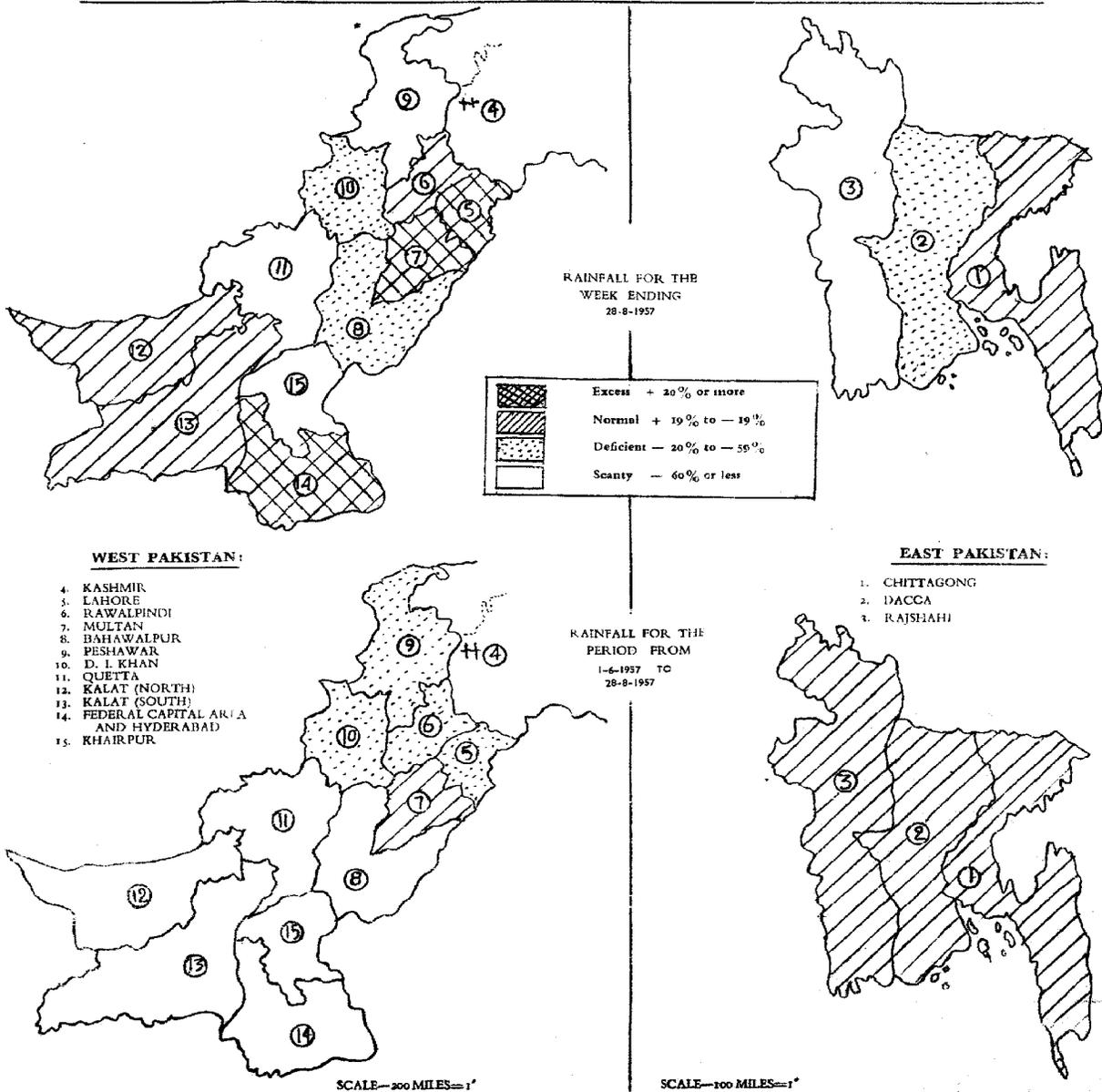
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 28th August, 1957.			Rainfall for period from 1st June, 1957 to 28th August, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	4.4	4.1	+ 0.3	55.9	60.1	- 4.2	- 7
2. Dacca	2.1	3.2	- 1.1	39.9	41.9	- 2.1	- 5
3. Rajshahi	1.6	3.0	- 1.4	38.2	38.3	- 0.2	0
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	7.8	1.5	+ 6.3	19.0	15.6	+ 3.4	- 21
6. Rawalpindi	1.4	1.6	- 0.1	14.2	18.9	- 4.7	- 25
7. Multan	3.3	0.4	+ 2.8	5.7	6.6	- 0.8	- 12
8. Bahawalpur	0.1	0.2	- 0.1	0.8	4.3	- 3.5	- 82
9. Peshawar	0	0.5	- 0.5	2.9	6.4	- 3.5	- 55
10. D. I. Khan	0.1	0.1	0	2.3	4.1	- 1.9	- 45
11. Quetta	0	0.2	0.2	1.1	3.0	- 1.9	- 63
12. Kalat (North)	0	0	0	0	0.7	- 0.7	- 99
13. Kalat (South)	0	0	0	0	0.8	- 0.8	- 100
14. F. C. A. & H <sup>o</sup> Bad.	1.2	0.2	+ 1.0	1.7	5.6	- 3.8	- 69
15. Khairpur	0	0	0	0	2.1	- 2.1	- 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 4th September, 1957.

—o:O:o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** Last week's low over West Bengal continued to cause fairly widespread rain in Chittagong division with local showers or scattered rain elsewhere. It weakened into a trough on the following morning after causing scattered rain or thundershowers over the region.

A low appeared thereafter over West Bengal and moved towards Utter Pradesh by the 3rd. This was followed by wave of low pressure which moved into the central Bay of Bengal from the east on the last day of the week. These caused fairly widespread rainfall over the whole of East Pakistan between the 31st and the 2nd and local rain or scattered thundershowers on the last two days of the week.

Chief amounts of rainfall recorded during the week were : Cox's Bazar and Maijdee Court 1" each on the 29th, Mymensingh 1" on the 30th, Srimangal and Satkhira 1½" each and Dinajpur 1" on the 31st, Chittagong 2", Maijdee Court and Comilla 1½" each and Cox's Bazar 1" on the 1st, Maijdee Court and Khulna 1½" each and Barisal and Satkhira 1" each on the 2nd, Brahmanbaria 1½" on the 3rd and Maijdee Court 1" on the 4th.

Day temperatures were generally appreciably above normal in the northern districts on the 31st and the 1st and appreciably below normal over the southern districts on the 2nd.

**WEST PAKISTAN :** Dry weather prevailed over West Pakistan during the first three days of the week except for a few thunderstorms or isolated showers in Peshawar, Multan and D.I. Khan divisions.

A western disturbance moved thereafter across the extreme north of the region causing scattered thunderstorms or showers in Peshawar, Rawalpindi, D.I. Khan and Multan divisions on the 1st and the 2nd.

A well marked low over Utter Pradesh caused local thunderstorms or showers in Rawalpindi division and scattered in Peshawar and D.I. Khan divisions during the last two days of the week.

Chief amounts of rainfall recorded during the week were : Miranshah ½" on the 30th and Murree ½" on the 1st.

Day temperatures were generally appreciably above normal in Rawalpindi, Peshawar and Multan divisions on the 30th and the 1st. They were generally appreciably below normal over the northern parts of West Pakistan during the last three days of the week and considerably below normal in north Kalat and Lahore divisions on the 4th.

2. **CHITTAGONG DIVISION :** Fairly widespread rain fell on three days and local and scattered on two days each.

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

**RAJSHAHI DIVISION :** Fairly widespread rain fell on four days, local on one day and scattered on two days.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Weather remained dry.

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

**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 :** Weather remained dry.

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

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGADH :** Data not available.

3. The week's rainfall was in excess in D.I. Khan division, normal in Chittagong and Kalat divisions, deficient in Dacca and Rajshahi divisions and scanty in Rawalpindi, Multan and Peshawar divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and in Lahore and Multan divisions, deficient in Rawalpindi, Peshawar and D. I. Khan divisions and scanty in Bahawalpur, Quetta, Kalat (North) and Hyderabad divisions and the Federal Capital Area. No rainfall was reported from elsewhere over the country.

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

KARACHI-11.

The 17th Sept. 1957

S. N. NAQVI

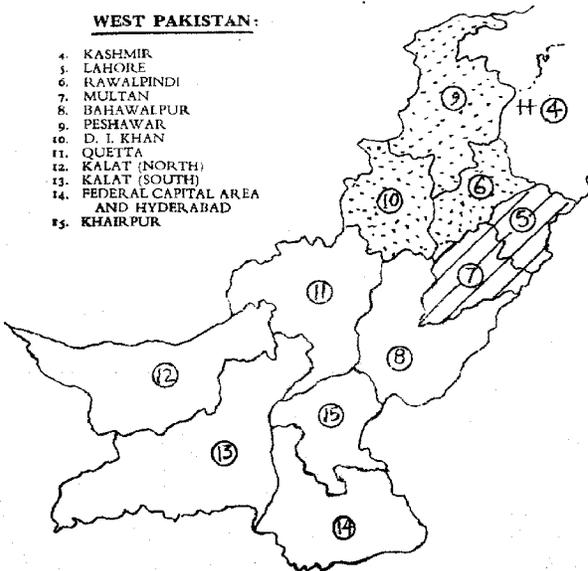
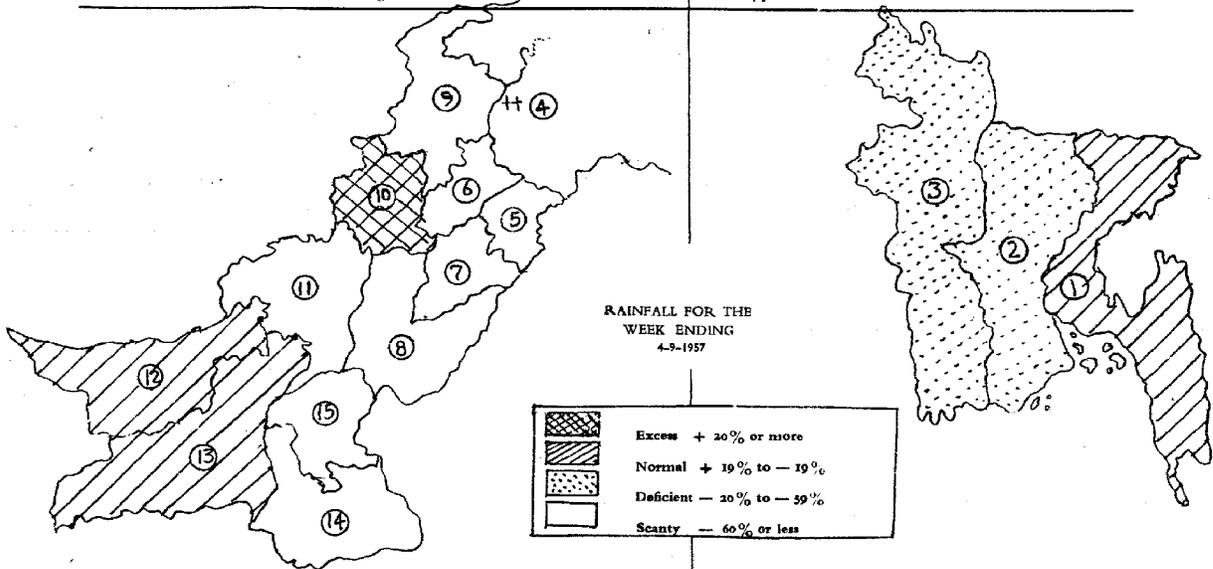
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

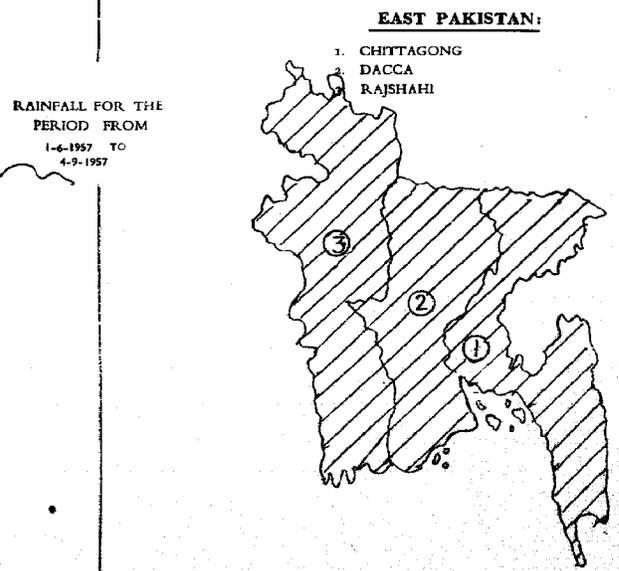
Division..	Rainfall for week ending on 4th September, 1957.			Rainfall for period from 1st June, 1957 to 4th September, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	3.3	3.8	— 0.5	59.2	63.9	— 4.7	— 7
2. Dacca	1.7	2.9	— 1.2	41.5	44.8	— 3.3	— 7
3. Rajshahi	1.8	2.8	— 1.1	39.9	41.2	— 1.3	— 3
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	1.2	— 1.2	19.0	16.8	2.2	13
6. Rawalpindi	0.5	1.3	— 0.9	14.7	20.3	— 5.6	— 28
7. Multan	0	0.3	— 0.3	5.8	6.9	— 1.1	— 16
8. Bahawalpur	0	0.1	— 0.1	0.8	4.4	— 3.7	— 83
9. Peshawar	0.2	0.6	— 0.5	3.0	7.0	— 4.0	— 57
10. D. I. Khan	0.3	0.3	— 0.1	2.6	4.4	— 1.8	— 41
11. Quetta	0	0.2	— 0.2	1.1	3.1	— 2.1	— 65
12. Kalat (North)	0	0	—	0	0.7	— 0.7	— 99
13. Kalat (South)	0	0	—	0	0.8	— 0.8	— 100
14. F. C. A. & H'Bad.	0	0.3	— 0.3	1.7	5.9	— 4.1	— 70
15. Khairpur	0	0	0	0	2.1	— 2.1	— 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.



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—100 MILES=1"



1. CHITTAGONG
2. Dacca
3. RAJSHAHI

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 September, 1957.

—o:O:o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** The weather became disturbed over the north Bay of Bengal on the 5th and caused fairly widespread rainfall in East Pakistan on the first three days. The weather was unusually dry over the whole province on the 8th instant. A depression formed by the evening of the 10th with its centre lying at 1200 G.M.T. within half a degree of latitude 16°N. and longitude 86°E. It moved north-westwards, crossed the coast and lay, with its centre at 0300 G.M.T. of the 11th, about 90 miles to the west of Gopalpur. This revived the activity of the monsoon and fairly widespread rain or thundershowers occurred in the province on the last two days.

Chief amounts of rainfall recorded during the week were : Comilla 4", Srimangal 3", Maijdee Court and Brahmanbaria 2" each on the 5th, Comilla, Narayanganj, and Barisal 1½" each on the 6th; Bogra 2", Sirajganj and Srimangal 1½" each and Satkhira 1" on the 7th; Cox's Bazar 3", Chittagong and Comilla 1½" each on the 8th; Sylhet 2", Dinajpur 1½" and Mymensingh 1" on the 10th and Satkhira 1½" and Srimangal and Khulna 1" each on the 11th.

Day temperatures were appreciable below normal in East Pakistan on the 6th and above normal during the last three days of the week.

**WEST PAKISTAN :** Generally dry weather prevailed over West Pakistan during the week. However two western disturbances moving across the extreme north of the region caused scattered thunderstorms or showers in the northern divisions on the 6th, 7th, and the 9th.

Chief amounts of rainfall recorded during the week were : Haripur and Kakul 1½" each and Rawalpindi ½" on the 7th and Murree ½" on the 9th.

Day temperatures were markedly below normal in Quetta, Kalat, Khairpur and Bahawalpur divisions during the first four days of the week and appreciably so in Peshawar, D.I. Khan, Quetta and Kalat divisions during the last two days.

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

**DACCA DIVISION :** Rainfall was fairly widespread on three days of the week and local and scattered on one day each

**RAJSHAHI DIVISION :** Local rain fell on two days and scattered on three days during the week.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Local rain fell on one day.

**RAWALPINDI DIVISION :** Local rain fell on one day.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Scattered rain fell on one day.

**PESHAWAR DIVISION :** Local and scattered rain fell on two days each, during the week.

**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. The week's rainfall was in excess in Chittagong division, normal in Kalat (South) division, deficient in Dacca, Rajshahi, Peshawar and Rawalpindi divisions and scanty in Lahore division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and in Lahore division. It was deficient in Rawalpindi, Multan and Peshawar and D.I. Khan divisions and was scanty in Bahawalpur, Quetta, Kalat and Hyderabad divisions and the Federal Capital Area. No rain was reported from elsewhere in 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, 1957 to date.

KARACHI-11. }

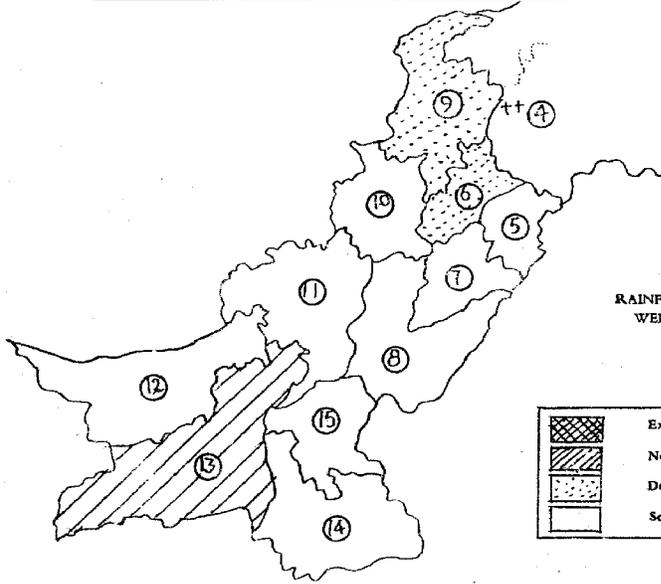
The 30th Sept. 1957. }

S. N. NAQVI  
Director, Meteorological Service

# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 11th September, 1957.			Rainfall for period from 1st June, 1957 to 11th September, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	4.0	3.2	+ 0.8	63.2	67.1	- 3.9	- 6
2. Dacca	1.9	2.6	- 0.7	43.4	47.4	- 4.0	- 8
3. Rajshahi	1.9	2.5	- 0.6	41.8	43.7	- 1.9	- 4
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.3	0.9	- 0.6	19.3	17.7	+ 1.6	+ 9
6. Rawalpindi	0.6	0.9	- 0.3	15.3	21.2	- 6.0	- 28
7. Multan	0	0.3	- 0.3	5.8	7.2	- 1.4	- 20
8. Bahawalpur	0	0.1	- 0.1	0.8	4.5	- 3.7	- 83
9. Peshawar	0.2	0.5	- 0.2	3.3	7.5	- 4.2	- 56
10. D. I. Khan	0	0.2	- 0.2	2.6	4.6	- 2.0	- 44
11. Quetta	0	0.1	- 0.1	1.1	3.2	- 2.1	- 66
12. Kalat (North)	0	0	0	0	0.7	- 0.7	- 99
13. Kalat (South)	0	0	0	0	0.8	- 0.8	- 100
14. F. C. A. & H'Bad.	0	0.3	- 0.3	1.7	6.1	- 4.4	- 72
15. Khairpur	0	0.1	- 0.1	0	2.2	- 2.2	- 100
16. Junagadh ††	—	—	—	—	—	—	—

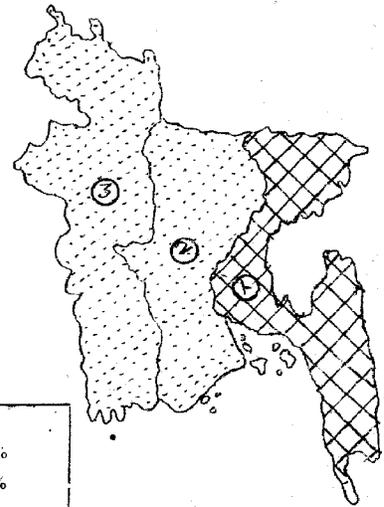
\* In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".  
 † Rainfall of stations having no normals is not included. †† Data not available.



**WEST PAKISTAN:**

- 4. KASHMIR
- 3. 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

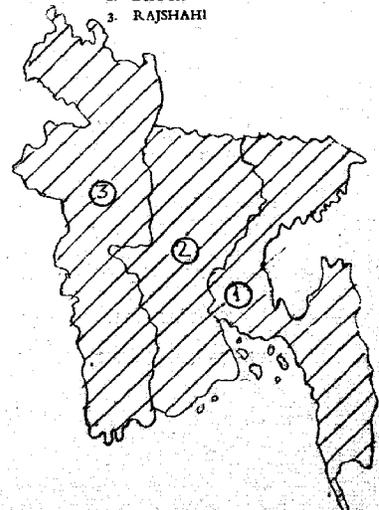
SCALE—200 MILES=1"



**EAST PAKISTAN:**

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

**RAINFALL FOR THE PERIOD FROM 1-6-1957 TO 11-9-1957**



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 September, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** The depression which had formed in the West Central Bay of Bengal during the end of the last week moved in a northwesterly direction until the 13th, when it lay over West Madhya Pradesh, recurved northwards and finally broke up in the Punjab-Kumaon hills by the 15th. During the rest of the week, the seasonal trough of low pressure remained extended into the west Central and the adjoining north Bay of Bengal.

Monsoon was weak during the week, local or scattered rain having occurred in Chittagong division practically throughout the week and scattered elsewhere over East Pakistan during the first three and the last two days.

Significant rainfall amounts during the week were : Khulna 1" on the 12th, Cox's Bazar 2" and Brahmanbaria 1½" on the 16th and Cox's Bazar 6", Majidee Court and Mymensingh 1" each on the 17th and Sylhet 2" and Majidee Court and Mymensingh 1" each on the 18th.

Day temperatures were generally above normal over East Pakistan throughout the week.

**WEST PAKISTAN :** A low pressure wave moving across Kashmir caused scattered thunderstorms or showers in Rawalpindi and Peshawar divisions on the last day. Weather, otherwise, remained dry during the week except for scattered thunderstorms or showers in Peshawar division on the 12th.

Day temperatures were appreciably below normal in Quetta and north Kalat divisions on the first six days and in Rawalpindi, Multan, Lahore and Khairpur divisions on the last two days. They were markedly above normal in Hyderabad division on the 13th and the 14th and appreciably so there during the rest of the week except the last day.

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

**DACCA DIVISION :** Scattered rain fell on five days.

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

**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 was reported 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. The week's rainfall was normal in Chittagong, Peshawar and Kalat (North) divisions and scanty in Dacca, Rajshahi, Rawalpindi and Quetta divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and in Lahore division, deficient in Rawalpindi, Multan, Peshawar and D.I. Khan divisions and scanty in Bahawalpur, Quetta and Hyderabad divisions and the Federal Capital Area. No rain was reported from elsewhere in 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, 1957 to date.

KARACHI-11. }

The 18th Sept. 1957. }

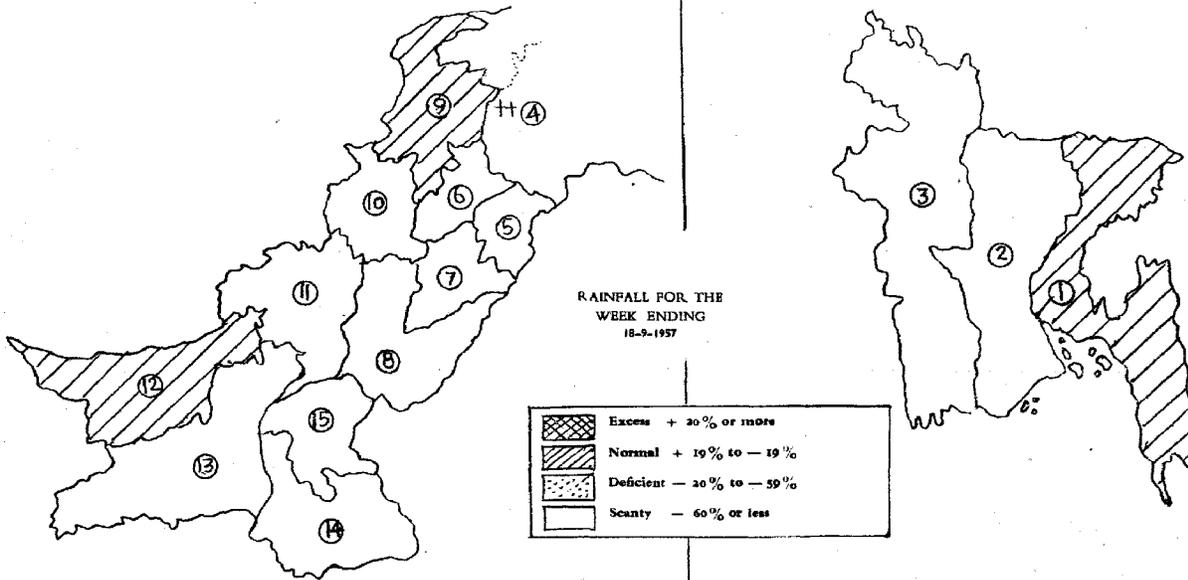
S. N. NAQVI,  
Director, Meteorological Service



# WEEKLY WEATHER REPORT

Division:	Rainfall for week ending on 18th September, 1957.			Rainfall for period from 1st June, 1957 to 18th September, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.5	2.7	— 0.3	65.7	69.9	— 4.0	— 6
2. Dacca	0.8	2.7	— 1.9	44.2	49.3	— 5.0	— 10
3. Rajshahi	0.5	2.5	— 2.0	42.3	46.1	— 3.8	— 8
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.7	— 0.7	19.3	18.4	+ 0.9	+ 5
6. Rawalpindi	0.3	0.9	— 0.7	15.5	22.1	— 6.6	— 30
7. Multan	0	0.3	— 0.3	5.8	7.5	— 1.7	— 23
8. Bahawalpur	0	0.1	— 0.1	0.8	4.5	— 3.8	— 83
9. Peshawar	0.3	0.3	— 0.1	3.5	7.8	— 4.3	— 55
10. D. I. Khan	0	0.2	— 0.2	2.6	4.8	— 2.2	— 46
11. Quetta	0	0.1	— 0.1	1.1	3.3	— 2.2	— 67
12. Kalat (North)	0	0	0	0	0.7	— 0.7	— 100
13. Kalat (South)	0	0	0	0	0.9	— 0.9	— 100
14. F. C. A. & H'Bad.	0	0.2	— 0.2	1.7	6.3	— 4.6	— 73
15. Khairpur	0	0	0	0	2.2	— 2.2	— 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:**

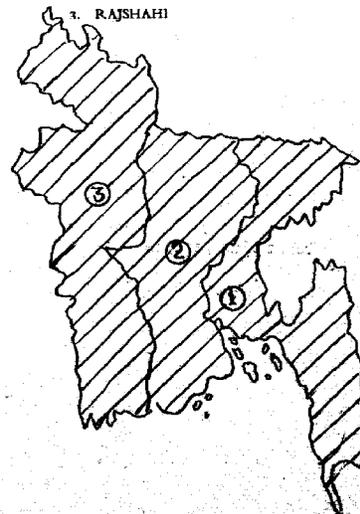
- 4. KASHMIR
- 5. LAHORE
- 6. RAWALPINDI
- 7. MULTAN
- 8. BAHAWALPUR
- 9. PESHAWAR
- 10. D. I. KHAN
- 11. QUETTA
- 12. KALAT (NORTH)
- 13. KALAT (SOUTH)
- 14. FEDERAL CAPITAL AREA AND HYDERABAD
- 15. KHAIRPUR

SCALE—200 MILES—1"

**EAST PAKISTAN:**

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

**RAINFALL FOR THE PERIOD FROM 1-6-1957 TO 18-9-1957**



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 September, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** A low moving across lower Burma into the north and the adjoining central Bay of Bengal between the 19th and the 22nd concentrated into a depression and was centered at 0300 G.M.T. of the 23rd within half a degree of latitude 20°N. and Longitude 89½°E. It remained practically stationary on the 24th, moving northwards crossed the coast by the next morning when it lay as a shallow depression centered about fifty miles southeast of Calcutta.

Under its influence fairly widespread rain fell in Dacca and Chittagong divisions during the week except for the 20th and the 21st and local rain in Rajshahi division on the 25th.

Chief amounts of rainfall recorded during the week were Brahmanbaria 2" and Chittagong and Narayanganj 1" each on the 19th; Chittagong 1½" on the 20th; Majdee Court, Comilla, Faridpur and Cox's Bazar 1" each on the 22nd; Chittagong 1" on the 23rd; Majdee Court, Comilla and Barisal 2" each and Bogra 1½" on the 24th and Khulna 3" on the 25th.

Day temperatures were appreciably above normal over the region during the first four days and practically normal thereafter.

**WEST PAKISTAN :** Dry weather prevailed over West Pakistan during the week except for the 20th, 21st and the 24th when scattered thunderstorms or light showers were reported from Peshawar and Rawalpindi divisions under the influence of three westerly low pressure waves moving across the region.

Rawalpindi recorded ¼" of rain on the 24th.

Day temperatures were appreciably above normal over the northern parts of the region and appreciably below normal mainly over the southern parts outside the coastal districts during the week.

2. **CHITTAGONG DIVISION :** Fairly widespread rain fell on three days, local on one day and scattered on two days.

**DACCA DIVISION :** Fairly widespread and local rain fell on two days each and scattered on one day.

**RAJSHAHI DIVISION :** Fairly widespread rain fell on one day and scattered on four days.

**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 :** 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 KARACHI AND HYDERABAD DIVISION :** Weather remained dry.

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGADH :** Data not available.

3. The week's rainfall was normal in Dacca, Chittagong, Bahawalpur and Kalat (South) division, deficient in Rajshahi division and scanty in Lahore, and Rawalpindi divisions. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan, and Lahore division, deficient in Rawalpindi, Multan, Peshawar and D.I. Khan divisions and scanty elsewhere over West Pakistan outside Kalat (South) and Khirpur divisions from where no rainfall was reported.

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 to date.

KARACHI-11. }  
The 25th Sept. 1957. }

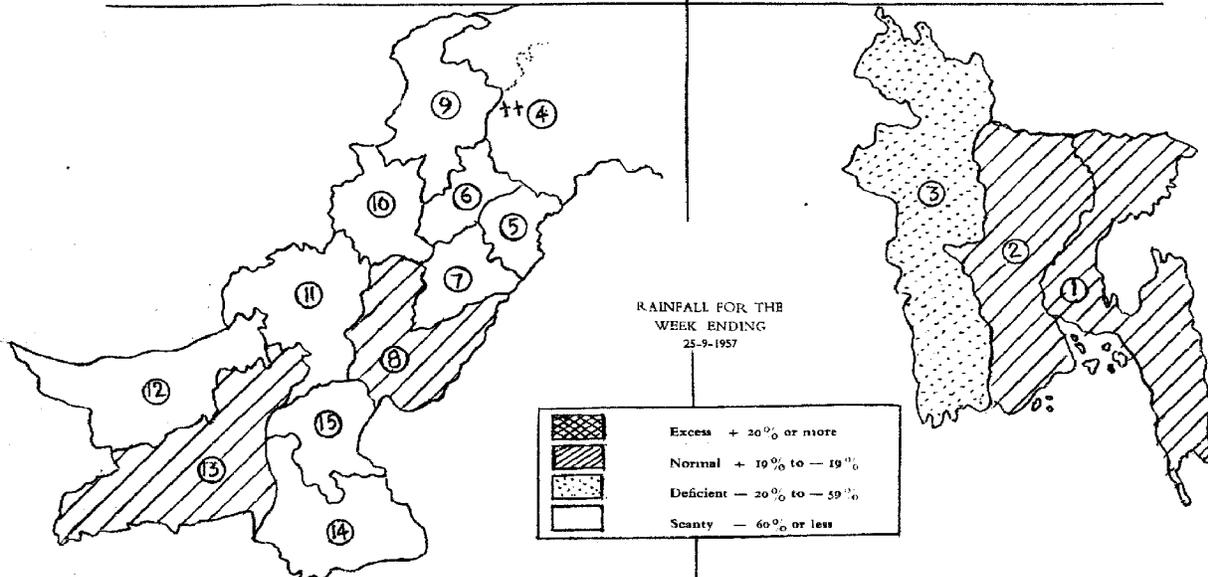
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 25th September, 1957.			Rainfall for period from 1st June, 1957 to 25th September, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.9	2.8	+ 0.1	68.6	72.7	- 4.1	- 6
2. Dacca	2.1	2.5	- 0.5	46.3	51.8	- 5.5	- 11
3. Rajshahi	1.5	2.5	- 0.9	43.9	48.6	- 4.7	- 10
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.1	0.4	- 0.4	19.4	18.8	+ 0.5	+ 3
6. Rawalpindi	0.1	0.6	- 0.5	15.7	22.7	- 7.1	- 31
7. Multan	0	0.2	- 0.2	5.8	7.7	- 2.9	- 38
8. Bahawalpur	0	0	0	0.8	4.5	- 3.8	- 81
9. Peshawar	0	0.2	- 0.2	3.5	8.0	- 4.5	- 56
10. D. I. Khan	0	0.2	- 0.2	2.6	5.0	- 2.4	- 48
11. Quetta	0	0	0	1.1	3.3	- 2.2	- 67
12. Kalat (North)	0	0	0	0	0.7	- 0.7	- 99
13. Kalat (South)	0	0	0	0	0.9	- 0.9	- 100
14. F. C. A. & H'Bad.	0	0.1	- 0.1	1.7	6.4	- 4.7	- 73
15. Khairpur	0	0.1	- 0.1	0	2.3	- 2.3	- 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

**EAST PAKISTAN:**

- 1. CHITTAGONG
- 2. DACCRA
- 3. RAJSHAHI

RAINFALL FOR THE PERIOD FROM  
1-6-1957 TO  
25-9-1957

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 October, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Last week's depression weakened by the 26th morning and became unimportant the next day. It caused fairly widespread rain or thundershowers with locally moderate to heavy falls over the whole of East Pakistan during the first two days of the week. Scattered light rain continued thereafter mainly over Chittagong division upto the 30th.

Chief amounts of rainfall recorded during the week were : Mymensingh 7", Dacca 3", Cox's Bazar, Khulna and Dinajpur 2" each and Maijdee Court, Sylhet, Srimangal and Sirajganj 1½" each on the 26th and Cox's Bazar 4", Chittagong and Sylhet 1½" each, Maijdee Court and Sirajganj 1" each on the 27th.

Day temperatures were generally appreciably below normal in Dacca and Chittagong divisions on the 27th and appreciably above normal over the region thereafter.

**WEST PAKISTAN :—**Dry weather prevailed over West Pakistan during the week.

Day temperatures were generally appreciably below normal over Quetta and Kalat divisions during the first four days of the week and appreciably above normal mainly over the northern parts of West Pakistan between the 27th and the 2nd.

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

**DACCA DIVISION :** Rainfall was nearly general, local and scattered on one day each.

**RAJSHAHI DIVISION :** Nearly general rain fell on two 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 :** 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 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 Dacca division, normal in Chittagong, Bahawalpur, Kalat and Khairpur divisions and deficient in Rajshahi division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and Lahore division, deficient in Rawalpindi, Multan, Peshawar and D.I. Khan divisions and scanty in Bahawalpur, Quetta, Kalat (North) and Hyderabad divisions and the Federal Capital Area. No rain fell 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, 1957 to date.

KARACHI-11. }  
The 2nd October 1957, }

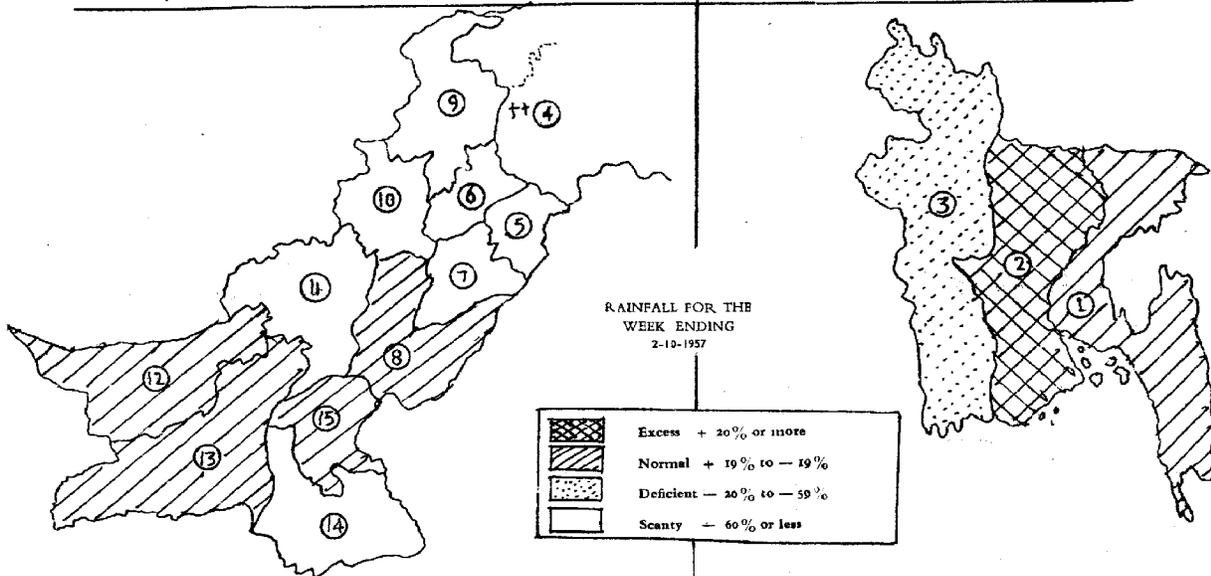
S. N. NAQVI,  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 2nd October, 1957.			Rainfall for period from 1st June, 1957 to and October, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	2.4	2.3	+ 0.1	71.0	75.0	- 4.0	- 5
2. Dacca	2.6	1.9	+ 0.8	48.9	53.6	- 4.7	- 9
3. Rajshahi	1.3	1.9	- 0.7	45.1	50.5	- 5.4	- 11
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.2	- 0.2	19.4	19.0	+ 0.4	+ 2
6. Rawalpindi	0	0.1	- 0.1	15.7	22.3	- 6.7	- 30
7. Multan	0	0.1	- 0.1	5.8	7.8	- 2.0	- 26
8. Bahawalpur	0	0	0	0.8	4.5	- 3.8	- 85
9. Peshawar	0	0.2	- 0.2	3.5	8.2	- 4.6	- 57
10. D. I. Khan	0	0.1	- 0.1	2.6	5.1	- 2.5	- 49
11. Quetta	0	0.1	- 0.1	1.1	3.4	- 2.3	- 67
12. Kalat (North)	0	0	0	0	0.7	- 0.7	- 99
13. Kalat (South)	0	0	0	0	0.9	- 0.9	- 100
14. F. C. A. & H'Bad.	0	0	0	1.7	6.4	- 4.7	- 73
15. Khairpur	0	0	0	0	2.3	- 2.3	- 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.



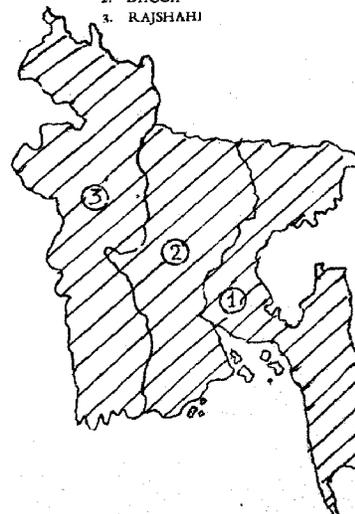
**WEST PAKISTAN:**

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

**EAST PAKISTAN:**

1. CHITTAGONG
2. DACCA
3. RAJSHAHI

**RAINFALL FOR THE PERIOD FROM 1-6-1957 TO 2-10-1957**



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 October, 1957.

—o:O:o—

**SUMMARY OF WEATHER**

**EAST PAKISTAN :** A well-marked low pressure area in the north and adjoining central Bay of Bengal during the first two days of the week caused generally strong monsoon activity in East Pakistan.

Fairly widespread rain fell in Chittagong and Dacca divisions practically throughout the week. In Rajshahi division, however, fairly widespread or local rainfall occurred on the fourth and fifth only.

Chief amounts of rainfall recorded during the week were : Chittagong 5", Barisal 3", Satkhira and Jessore 2" each on the 4th; Sylhet 2" on the 5th and Chittagong 3" on the 6th.

Day temperatures were appreciably above normal in the region on the first and the last day of the week and appreciably below normal in the southern districts on the 6th and the 7th.

**WEST PAKISTAN :** Mainly dry weather prevailed in the region during the week. However the passage of three western disturbances across the extreme north caused local or scattered thunderstorms or showers in Rawalpindi, Peshawar and Quetta divisions on a few days.

Day temperatures were generally appreciably above normal in the northern divisions of West Pakistan throughout the week.

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

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

**RAJSHAHI DIVISION :** Nearly general rain fell on one day and local on another day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Dry weather.

**RAWALPINDI DIVISION :** Local rain fell on one day.

**MULTAN DIVISION :** Dry weather.

**BAHAWALPUR DIVISION :** Dry weather.

**PESHAWAR DIVISION :** Dry weather.

**D. I. KHAN DIVISION :** Dry weather.

**QUETTA DIVISION :** Dry weather.

**KALAT (NORTH) DIVISION :** Dry weather.

**KALAT (SOUTH) DIVISION :** Dry weather.

**FEDERAL CAPITAL AREA AND HYDERABAD DIVISION :** Dry weather.

**KHAIRPUR DIVISION :** Dry weather.

**JUNAGADH :** Data not available.

3. The week's rainfall was in large excess in Chittagong and Dacca divisions and normal in Rajshahi, Bahawalpur, Kalat, Khairpur and Hyderabad divisions and the Federal Capital Area. It was deficient in Rawalpindi and Quetta divisions. No rain fell elsewhere over the country.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and in Lahore division, deficient in Rawalpindi, Multan, Peshawar and D.I. Khan divisions and scanty elsewhere over the country, other than Kalat (South) and Khairpur divisions from where no rain was reported.

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, 1957 to date.

KARACHI-11. }  
The 9th October 1957. }

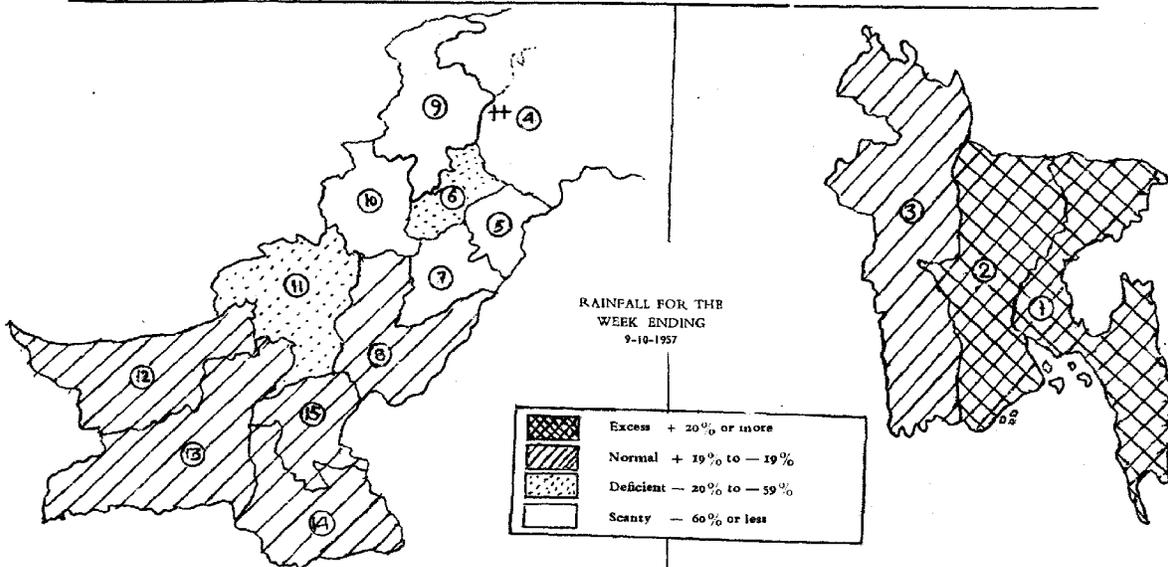
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 9th October, 1957.			Rainfall for period from 1st June, 1957 to 9th October, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	3.5	2.0	+ 1.5	74.5	77.0	-2.5	- 3
2. Dacca	2.4	1.3	+ 1.1	51.3	54.0	-3.7	- 7
3. Rajshahi	1.3	1.1	+ 0.1	46.5	51.6	-5.3	- 10
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.1	- 0.1	19.4	19.1	+ 0.2	+ 1
6. Rawalpindi	0.2	0.3	- 0.1	15.9	22.6	-6.8	- 30
7. Multan	0	0	0	5.8	7.9	-2.1	- 27
8. Bahawalpur	0	0	0	0.8	4.5	-3.8	- 83
9. Peshawar	0	0.1	- 0.1	3.5	8.2	-4.7	- 57
10. D. I. Khan	0	0	0	2.6	5.1	-2.5	- 49
11. Quetta	0	0	0	1.1	3.4	-2.3	- 67
12. Kalat (North)	0	0	0	0	0.7	-0.7	- 99
13. Kalat (South)	0	0	0	0	0.9	-0.9	- 100
14. F. C. A. & H'Bad.	0	0	0	1.7	6.4	-4.7	- 73
15. Khairpur	0	0	0	0	2.3	-2.3	- 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 ARFA AND HYDERABAD
15. KHAIRPUR

RAINFALL FOR THE  
PERIOD FROM  
1-6-1957 TO  
9-10-1957

**EAST PAKISTAN:**

1. CHITTAGONG
2. DACCA
3. RAJSHAH

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 October, 1957.

—o:O:o—

## SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather over the region remained dry during the week except the first two days when a westerly low pressure wave moving across the extreme north caused scattered or local thunderstorms or showers in Chittagong division on the 15th, and over the region on the following day.

Chief amounts of rainfall recorded during the week were : Chittagong  $\frac{1}{2}$ " on the 15th and Bogra  $\frac{1}{2}$ " and Sirajganj  $\frac{1}{2}$ " on the 16th.

Day temperatures remained practically normal throughout the week.

**WEST PAKISTAN :** Dry weather prevailed over West Pakistan during the first four days of the week.

A western disturbance moving across the north of Afghanistan and the Russian Turkistan induced a secondary over the northern divisions which caused scattered thunderstorms or showers there on the 14th, 15th and the 16th.

Chief amounts of rainfall recorded during the week were : Murree 1" and Haripur and Kakul  $\frac{1}{2}$ " each on the 16th.

Day temperatures were generally appreciably to markedly above normal over the region outside South Kalat and Hyderabad divisions during the first five days of the week and appreciably below normal in Peshawar, Rawalpindi, D.I. Khan and North Kalat divisions on the last day.

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

**DACCA DIVISION :** Rainfall was scattered on one day.

**RAJSHAHI DIVISION :** Local rain fell on one day.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Weather remained dry.

**RAWALPINDI DIVISION :** Rainfall was scattered on one day.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Scattered rain fell 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 DIVISIONS :** Weather remained dry.

**KHAIRPUR DIVISION :** Weather remained dry.

**JUNAGADH :** Data not available.

3. The week's rainfall was in large excess in Rawalpindi division, normal in Multan, Bahawalpur, D.I. Khan and Kalat (South) divisions and scanty in East Pakistan, and Peshawar division. No rain fell elsewhere over West Pakistan.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and Lahore division, deficient in Rawalpindi, Multan, Peshawar and D.I. Khan divisions and scanty in Bahawalpur, Quetta, Kalat (North) and Hyderabad divisions and the Federal Capital area. No rainfall was reported from elsewhere in 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, 1957 to date.

KARACHI-11. }  
The 16th October, 1957. }

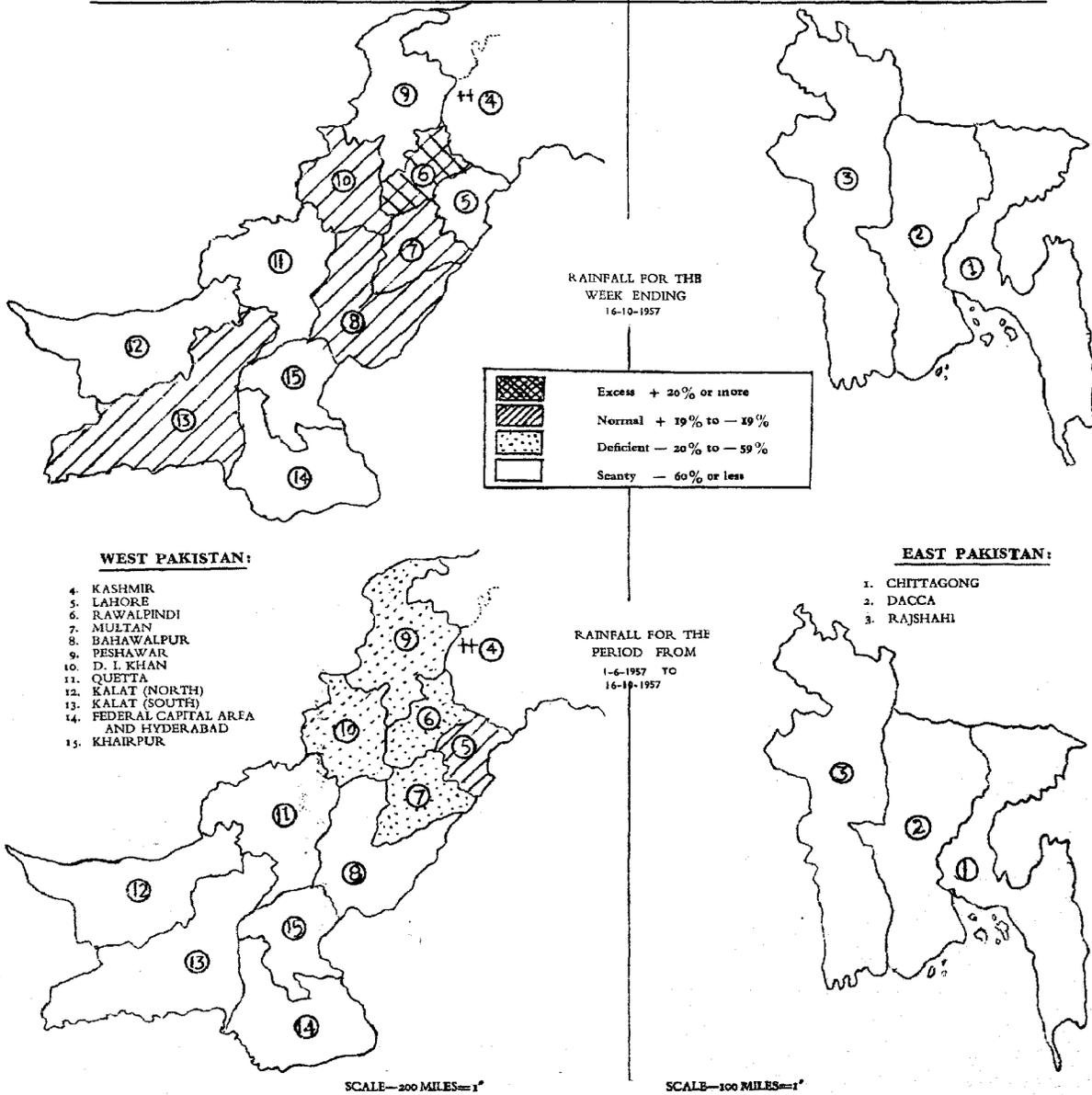
S. N. NAQVI.  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 16th October, 1957.			Rainfall for period from 1st June, 1957 to 16th October, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.2	1.5	— 1.3	74.7	78.5	— 3.8	— 5
2. Dacca	0	1.6	— 1.6	51.3	56.5	— 5.2	— 9
3. Rajshahi	0.5	1.6	— 1.1	46.9	53.2	— 6.3	— 12
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0	0	19.4	19.1	+ 0.2	+ 1
6. Rawalpindi	0.4	0.1	+ 0.3	16.3	22.8	— 6.5	— 29
7. Multan	0	0	0	5.8	7.9	— 2.1	— 27
8. Bahawalpur	0	0	0	0.8	4.5	— 3.8	— 83
9. Peshawar	0	0.1	— 0.1	3.6	8.3	— 4.8	— 57
10. D. I. Khan	0	0	0	2.6	5.1	— 2.5	— 49
11. Quetta	0	0	0	1.1	3.5	— 2.3	— 68
12. Kalat (North)	0	0	0	0	0.7	— 0.7	— 99
13. Kalat (South)	0	0	0	0	0.9	— 0.9	— 100
14. F. C. A. & H'Bad.	0	0	0	1.7	6.4	— 4.7	— 73
15. Khairpur	0	0	0	0	2.3	— 2.3	— 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 23rd October, 1957.

—o:O:o—

**SUMMARY OF WEATHER**

**EAST PAKISTAN :** A shallow low moving northeastwards across East Pakistan during the first three days of the week caused local thunderstorms or showers over the province during those days. Weather remained dry during the rest of the week.

Significant rainfall amounts recorded were Sirajganj 1½" on the 17th; Mymensingh 2" on the 18th and 1½" on the 19th.

Day temperatures were nearly normal over East Pakistan throughout the week.

**WEST PAKISTAN :** Weather remained dry between the 17th and the 19th. Thereafter, a secondary western disturbance moved eastwards from Multan division to India during subsequent three days and another western disturbance across Peshawar and Rawalpindi divisions during the last two days of the week. These caused pronounced incursion of moist air into West Pakistan and gave rise to fairly widespread rain or thundershowers in Peshawar, Rawalpindi and Lahore divisions, local in D.I. Khan division and scattered thunderstorms and showers in Multan and Quetta divisions, between the 20th and the 23rd.

Chief amounts of rainfall recorded during the week were : Rawalpindi and Murree 1" each on the 20th; Murree 5" and Rawalpindi and Kakul 1" each on the 21st; Haripur 6", Kakul 4", Murree and Campbellpur 2" each, Chakdara, Peshawar, Cherat and Landikotal 1½" each and Rawalpindi and Drosh 1" each on the 22nd and Lyallpur and Campbellpur 1½" each and Murree, Drosh, Cherat and Kakul 1" each on the 23rd.

Day temperatures were markedly below normal in Quetta, North Kalat, D.I. Khan and Rawalpindi divisions on the 17th and considerably so in these and in Lahore and Multan divisions during the last three days of the week.

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

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

**RAJSHAHI DIVISION :** Local rain fell on three days.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Rainfall was local on one day.

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

**MULTAN DIVISION :** Scattered rain fell on one day.

**BAHAWALPUR DIVISION :** Weather was dry.

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

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

**QUETTA DIVISION :** Weather remained dry.

**KALAT (NORTH) DIVISION :** Weather remained dry.

**KALAT (SOUTH) DIVISION :** Weather remained dry.

**FEDERAL CAPITAL AREA 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 Lahore, Rawalpindi, Multan, Peshawar and D.I. Khan divisions, deficient in East Pakistan and scanty in Quetta division. No rain fell elsewhere over the country.

Rainfall for the period from 1st June, 1957 to date was normal in East Pakistan and in Lahore and Rawalpindi divisions, deficient in Multan, Peshawar and D.I. Khan divisions and scanty elsewhere over the country.

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

KARACHI-11. }  
The 23rd October, 1957. }

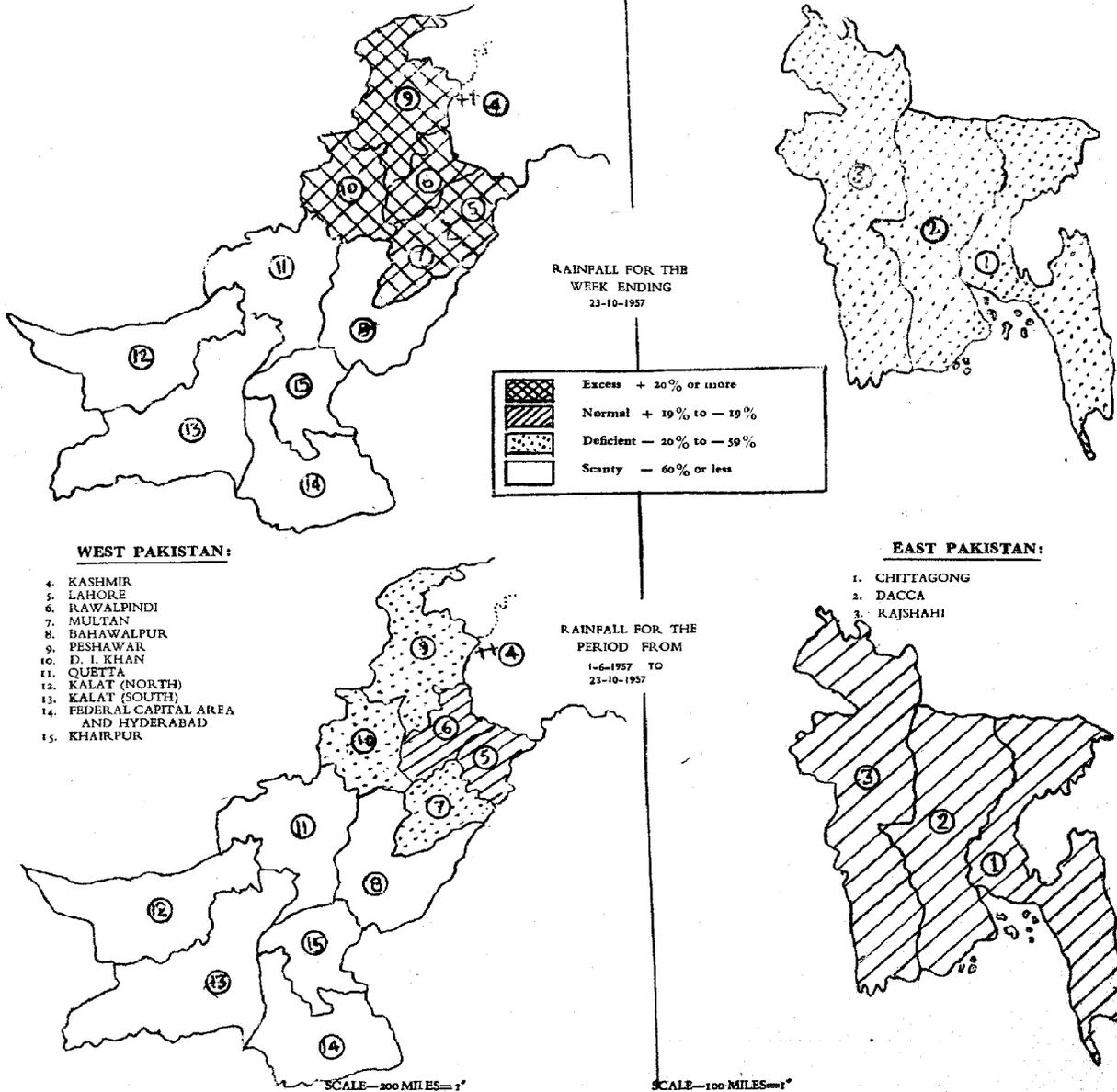
S. N. NAQVI,  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 23rd October, 1957.			Rainfall for period from 1st June, 1957 to 23rd October, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0.5	1.2	— 0.7	75.3	79.8	— 4.5	— 6
2. Dacca	1.5	1.0	— 0.5	52.8	57.5	+ 5.3	+ 9
3. Rajshahi	0.5	0.9	— 0.4	47.4	54.1	— 6.7	— 12
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.4	0.1	+ 0.4	19.8	19.2	— 0.6	— 3
6. Rawalpindi	4.2	0.2	+ 4.0	20.4	22.9	— 2.5	— 11
7. Multan	0.5	0	+ 0.5	6.3	8.0	— 1.7	— 21
8. Bahawalpur	0	0	0	0.8	4.6	— 3.8	— 83
9. Peshawar	2.6	0.1	+ 2.5	6.2	8.5	— 2.3	— 27
10. D. I. Khan	0.3	0	+ 0.3	2.9	5.1	— 2.2	— 43
11. Quetta	0	0.1	— 0.1	1.1	3.5	— 2.4	— 68
12. Kalat (North)	0	0	0	0	0.8	— 0.8	— 99
13. Kalat (South)	0	0	0	0	0.9	— 0.9	— 100
14. F. C. A. & H'Bad.	0	0	0	1.7	6.4	— 4.7	— 73
15. Khairpur	0	0	0	0	2.3	— 2.3	— 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 6th November, 1957.

—o:O:o—

### SUMMARY OF WEATHER

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

Night temperatures were appreciably 3-5 °F below normal.

**WEST PAKISTAN :** A western disturbance moving across the extreme north of the region during the first three days of the week with its secondary moving from Lahore division to the Indian region caused fairly widespread thunderstorms or showers in Peshawar division, local in Rawalpindi division and scattered in Lahore and D.I. Khan divisions on the 1st and the 2nd.

Another western disturbance appeared over D.I. Khan division on the last day of the week and caused scattered light rain in Quetta and north Kalat divisions.

The weather remained dry during the rest of the week.

Chief amounts of rainfall recorded were : Peshawar 1" and Campbellpur and Landikotal  $\frac{3}{4}$ " each on the 1st and Murree  $1\frac{1}{2}$ ", Kakul 1" and Rawalpindi, Haripur and Parachinar  $\frac{3}{4}$ " each on the 2nd.

Night temperatures were markedly 6-8 °F. above normal over the region outside Peshawar and Quetta divisions and the coastal districts on the 1st and in Quetta and North Kalat divisions on the 5th and 6th. They were markedly below normal over the northern half of West Pakistan except for Lahore and Multan divisions on the 2nd.

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 :** Local rain fell on one day.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Fairly widespread rain fell on one day and local on another day.

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

**QUETTA DIVISION :** Weather remained dry.

**KALAT (NORTH) DIVISION :** Weather remained dry.

**KALAT (SOUTH) DIVISION :** Weather remained dry.

**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 Rawalpindi, Peshawar, Quetta and Kalat (North) divisions, normal in Lahore, Multan, Bahawalpur, Kalat (South) and Khairpur divisions and deficient in D.I. Khan division. No rainfall elsewhere over the country.

Based on the data of stations having normals, rainfall for the period from 1st November, 1957 to date was in large excess in Rawalpindi, Peshawar and Quetta divisions, normal in Lahore, Multan, Bahawalpur, Kalat and Khairpur divisions and deficient in D.I. Khan division. No rainfall was reported from elsewhere over the country.

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 6th November, 1957. }

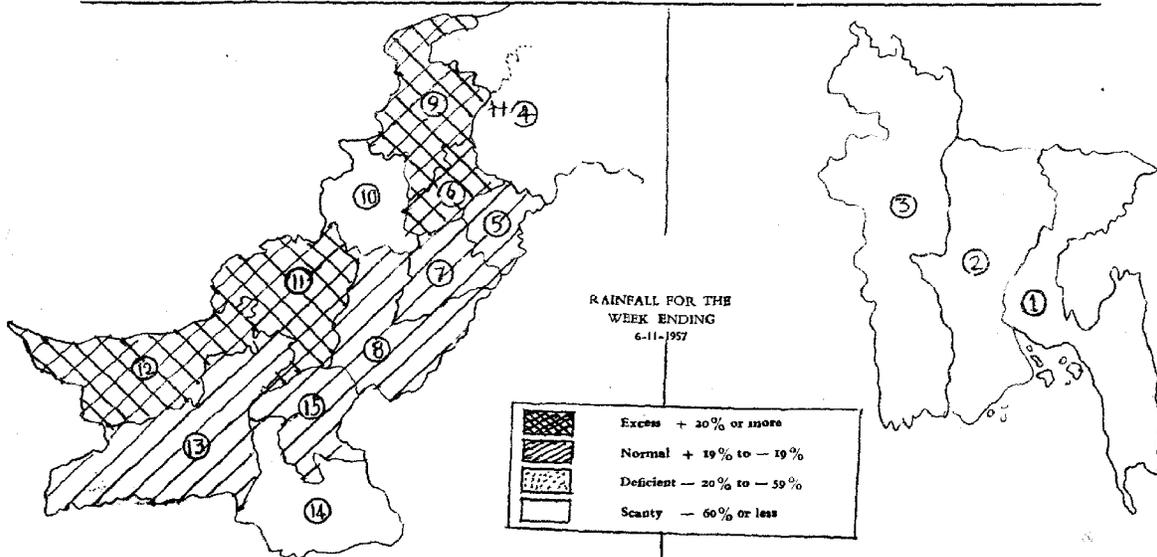
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 6th November, 1957.			Rainfall for period from 1st November, 1957 to 6th November, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	1.0	- 1.0	0	0.8	- 0.8	- 100
2. Dacca	0	0.7	- 0.7	0	0.6	- 0.6	- 100
3. Rajshahi	0	0.4	- 0.4	0	0.3	- 0.3	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0	0	0	0	0	—
6. Rawalpindi	0.7	0	+ 0.7	0.7	0	+ 0.7	+ 2333
7. Multan	0	0	0	0	0	0	—
8. Bahawalpur	0	0	0	0	0	0	—
9. Peshawar	0.9	0	+ 0.8	0.9	0	+ 0.8	+ 2025
10. D. I. Khan	0	0	0	0	0	0	- 100
11. Quetta	0	0	0	0	0	0	+ 100
12. Kalat (North)	0	0	0	0	0	0	—
13. Kalat (South)	0	0	0	0	0	0	—
14. F. C. A. & H <sup>†</sup> Bad.	0	0	0	0	0	0	- 100
15. Khairpur	0	0	0	0	0	0	—
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 ARFA AND HYDERABAD
15. KHAIRPUR

**EAST PAKISTAN:**

1. CHITTAGONG
2. DACCA
3. RAJSHAHI

RAINFALL FOR THE PERIOD FROM 1-11-1957 TO 6-11-1957

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 13th November, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Dry weather prevailed over the province throughout the week.

Night temperatures were appreciably below normal on the first five days.

**WEST PAKISTAN :** A western disturbance moving across the extreme north of the region caused scattered thunderstorms or showers in Rawalpindi and Peshawar divisions on the 8th. Another western disturbance moving across Kashmir on the last day of the week was responsible for local rain in Peshawar division and scattered in Rawalpindi division on that day. Drosh recorded  $\frac{1}{2}$ " rain on the 13th.

Night temperatures were markedly above normal in West Pakistan outside Quetta and south Kalat divisions during 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 was dry.

**RAWALPINDI DIVISION :** Scattered rain fell on two days.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

**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 in large excess in Rawalpindi division, normal in Multan, Bahawalpur, Kalat and Khairpur divisions and scanty in Peshawar division. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess in Rawalpindi, Peshawar and Kalat (North) division, normal in Multan, Bahawalpur, Kalat (South) and Khairpur divisions and deficient in Quetta and Lahore divisions. No rain fell 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 13th November, 1957. }

S. N. NAQVI,  
Director, Meteorological Service.



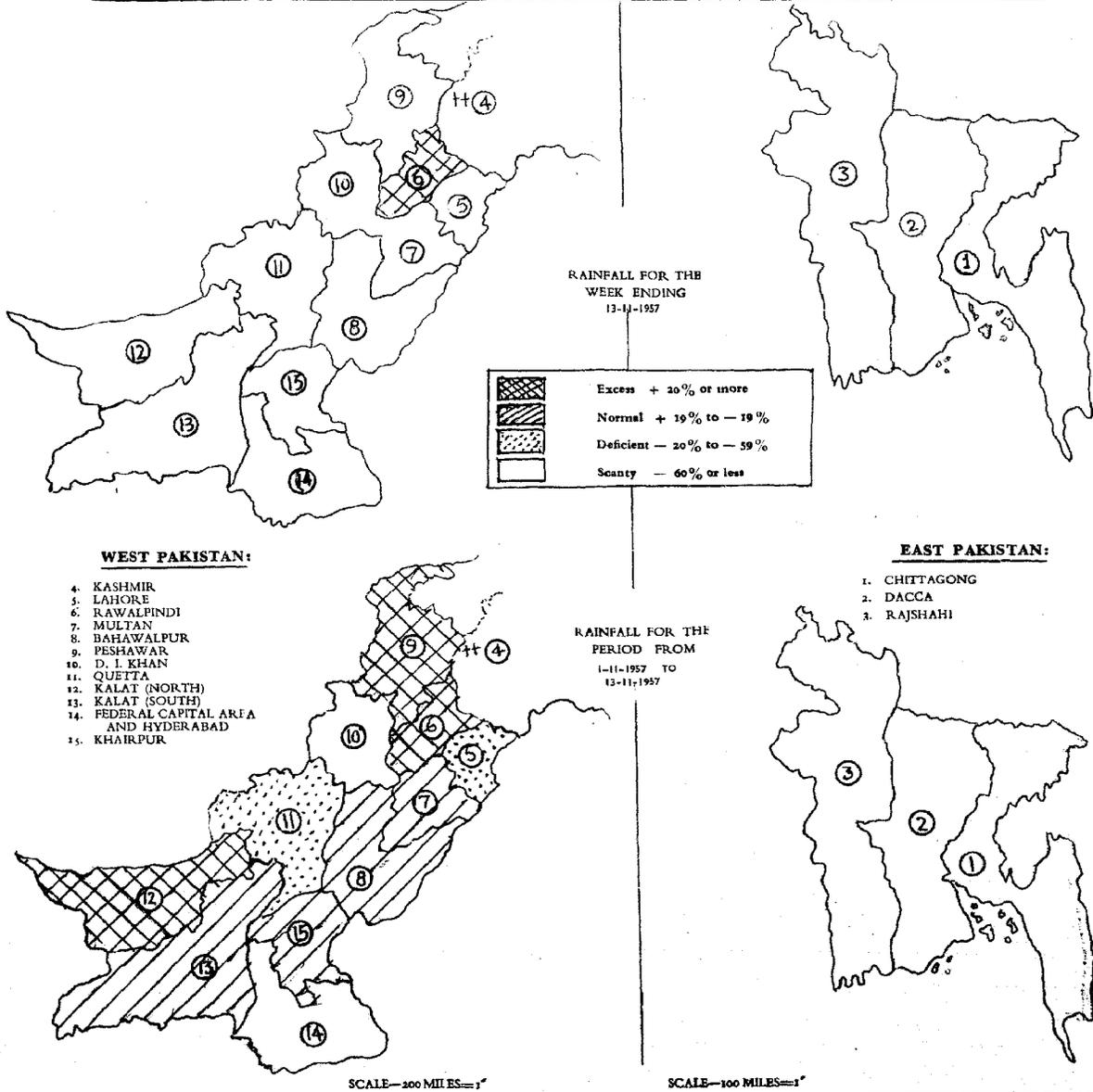
# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 13th November, 1957.			Rainfall for period from 1st November, 1957 to 13th November, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.4	- 0.4	0	1.3	- 1.3	- 100
2. Dacca	0	0.2	- 0.2	0	0.8	- 0.8	- 100
3. Rajshahi	0	0.2	- 0.2	0	0.5	- 0.5	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0	0	0	0	0	- 50
6. Rawalpindi	0.1	0.1	+ 0.1	0.9	0.1	+ 0.8	+ 700
7. Multan	0	0	0	0	0	0	—
8. Bahawalpur	0	0	0	0	0	0	—
9. Peshawar	0	0	0	0.9	0.1	+ 0.8	+ 1129
10. D. I. Khan	0	0	0	0	0	0	- 100
11. Quetta	0	0	0	0	0	0	- 33
12. Kalat (North)	0	0	0	0	0	0	+ 300
13. Kalat (South)	0	0	0	0	0	0	—
14. F. C. A. & H'Bad.	0	0	0	0	0	0	- 100
15. Khairpur	0	0	0	0	0	0	—
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 20th November, 1957.

—o:O:o—

### SUMMARY OF WEATHER

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

Night temperatures were practically normal.

**WEST PAKISTAN :** Last week western disturbance, which lay over north Afghanistan, moved away across East Russian Turkistan on the first day of the week, after causing scattered light rain or drizzle in Peshawar and Rawalpindi divisions.

A deep depression, which lay over east Central Arabian Sea on the last day of the previous week moved northwards and weakened into a trough of low pressure extending over the eastern sector of North Arabian Sea by the 15th morning, when it caused local rain or thunder-showers in Hyderabad division and the Federal Capital Area. It further weakened on the following day, and subsequently filled up, after causing a few thunderstorms or showers in Hyderabad divisions on the 16th and in South Kalat division on the 17th.

Under the influence of two western disturbances which moved across the region from Kalat division northeastwards in close succession during the last three days of the week, fairly widespread rainfall activity took place in the western divisions of the region on the 19th and 20th.

Chief amounts of rainfall recorded during the week were : Hyderabad  $\frac{1}{2}$ " on the 15th, Jiwani  $1\frac{1}{4}$ " on the 17th, Lasbela  $\frac{1}{2}$ " on the 18th. Quetta, Chaman and Nushki  $\frac{1}{2}$ " each on the 19th, and Murree 2", Kakul, Harnai, Nushki and Pasni  $1\frac{1}{2}$ " each, Drosh, Haripur and Jiwani 1" each and Rawalpindi, Wana, Fort Sandeman, Hindubagh, Loralai, Sibi, Quetta and Chaman  $\frac{1}{2}$ " each.

Night temperatures were appreciably above normal in Lahore, Multan and D.I. Khan divisions and the coastal districts upto the 17th and generally considerably above normal over the region outside Peshawar, Rawalpindi and Lahore divisions thereafter.

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 and nearly general rain fell on another day.

**MULTAN DIVISION :** Weather remained mainly dry.

**BAHAWALPUR DIVISION :** Weather remained mainly dry.

**PESHAWAR DIVISION :** Rainfall was nearly general on one day.

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

**QUETTA DIVISION :** Nearly general rain fell on one day and local on another day.

**KALAT (NORTH) DIVISION :** Nearly general rain fell on one day and local on another day.

**KALAT (SOUTH) DIVISION :** Rainfall was nearly general on one day and scattered on three days.

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

**KHAIRPUR DIVISION :** Scattered rain fell on one day.

**JUNAGADH :** Data not available.

3. The week's rainfall was in large excess in Rawalpindi, Multan, Peshawar, D.I. Khan, Quetta, Kalat, Khairpur and Hyderabad divisions and the Federal Capital Area and normal in Bahawalpur division. No rain fell in Lahore division and in East Pakistan.

Rainfall for the period from 1st November, 1957 to date was in large excess over West Pakistan outside Bahawalpur division, where it was normal and Lahore division, where it was scanty. No rainfall was reported from East 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 20th November, 1957. }

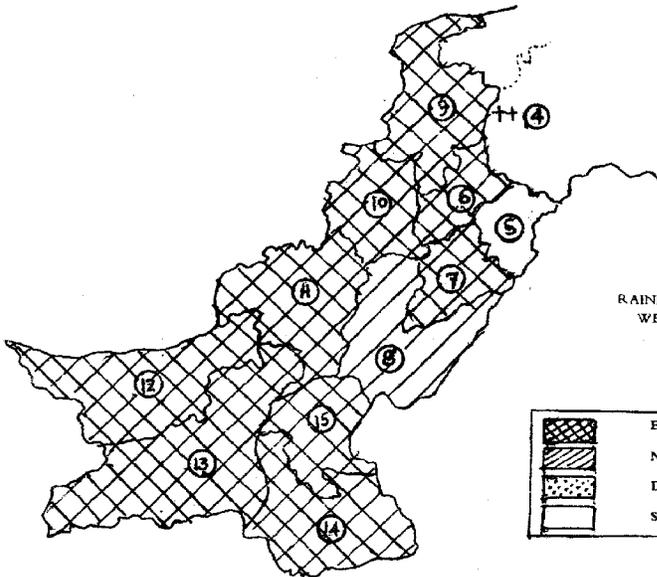
S. N. NAQVI,  
Director, Meteorological Service.



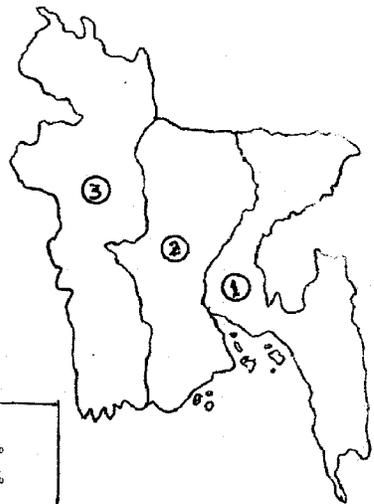
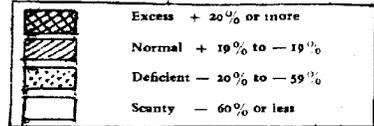
# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 20th November, 1957.			Rainfall for period from 1st November, 1957 to 20th November, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect. Inches	Per-cent.
1. Chittagong	0	0.2	- 0.2	0	1.5	- 1.5	- 100
2. Dacca	0	0.2	- 0.2	0	1.0	- 1.0	- 100
3. Rajshahi	0	0.1	- 0.1	0	0.7	- 0.7	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0	0.1	- 0.1	0	0.1	- 0.1	- 86
6. Rawalpindi	1.0	0.1	+ 0.9	1.9	0.2	+ 1.7	+ 835
7. Multan	0.1	0.1	+ 0.1	0.1	0	+ 0.1	+ 500
8. Bahawalpur	0	0	0	0	0	0	—
9. Peshawar	0.5	0	+ 0.5	1.4	0.1	+ 1.3	+ 1650
10. D. I. Khan	0.1	0	+ 0.1	0.1	0	+ 0.1	+ 209
11. Quetta	1.2	0	+ 1.1	1.2	0.1	+ 1.1	+ 1883
12. Kalat (North)	0.3	0	+ 0.2	0.3	0	+ 0.3	+ 900
13. Kalat (South)	1.3	0.1	+ 0.3	1.3	0.1	+ 1.3	+ 2580
14. F. C. A. & H'Bad.	0.3	0.1	+ 0.2	0.3	0.1	+ 0.2	+ 211
15. Khairpur	0.1	0	+ 0.1	0.1	0	+ 0.1	+ 700
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  
WEEK ENDING  
20-11-1957



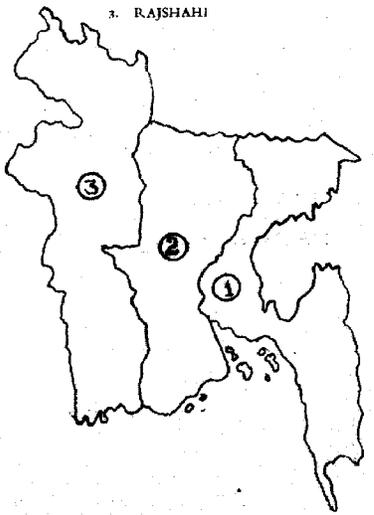
**WEST PAKISTAN:**

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  
20-11-1957



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 27th November, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather remained dry over East Pakistan during the week.

Night temperatures were appreciably above normal over the region, on the first two days of the week and in Rajshahi division on the 26th.

**WEST PAKISTAN :** The two western disturbances of the previous week which moved across the region in rapid succession caused local thunderstorms or showers in Lahore and Peshawar divisions and scattered rainfall in Rawalpindi, Multan, Bahawalpur and north Kalat divisions on the first day of this week. On the 23rd a western disturbance moved from D.I. Khan division to Kashmir. This was followed by another across Afghanistan with its secondary moving from the Gulf of Oman to the North Arabian Sea.

These caused a spell of wet weather which gradually extended practically over the whole of West Pakistan outside Federal Capital Area and Hyderabad division between the 23rd and the 25th. Scattered rain or thundershowers persisted in Rawalpindi, Peshawar and Lahore divisions on the 26th, when the primary western disturbance moved away northeast-wards, while the secondary after weakening into a trough over North Rajisthan on the 25th filled up and became unimportant.

Chief amounts of rainfall recorded during the week were : Multan 1½", Murree and Fort Abbas ½" each on the 21st, Jiwani 1" and Loralai 1" on the 24th, Sialkot and Murree 2" each, Jhelum, Lyallpur, Multan, Leiah, Kakul and Harnai 1" each and Haripur ½" on the 25th.

Night temperatures were markedly above normal over West Pakistan outside Rawalpindi and Quetta divisions, and the Federal Capital Area between the 21st and the 24th. Thereafter they were appreciably above normal mainly over the northeastern divisions, and appreciably below normal elsewhere.

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

**DACCA DIVISION :** Weather remained dry.

**RAJSHAHI DIVISION :** Weather remained dry.

**KASHMIR :** Data not available.

**LAHORE DIVISION :** Rainfall was nearly general on one day.

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

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

**BAHAWALPUR DIVISION :** Scattered rain fell on two days.

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

**D. I. KHAN DIVISION :** Local rain fell on two days.

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

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

**KALAT (SOUTH) DIVISION :** Rainfall was scattered on two days.

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

**KHAIRPUR DIVISION :** Scattered rain fell on one day.

**JUNAGADH :** Data not available.

3. The week's rainfall was in large excess in Lahore, Rawalpindi, Multan, Peshawar, D.I. Khan, Quetta and Kalat (South) divisions, in excess in Bahawalpur and Kalat (North) divisions and normal in Federal Capital Area and Hyderabad division. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess over the whole of West Pakistan outside Bahawalpur division where it was in moderate excess. No rainfall was reported from anywhere in East 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 27th November, 1957. }

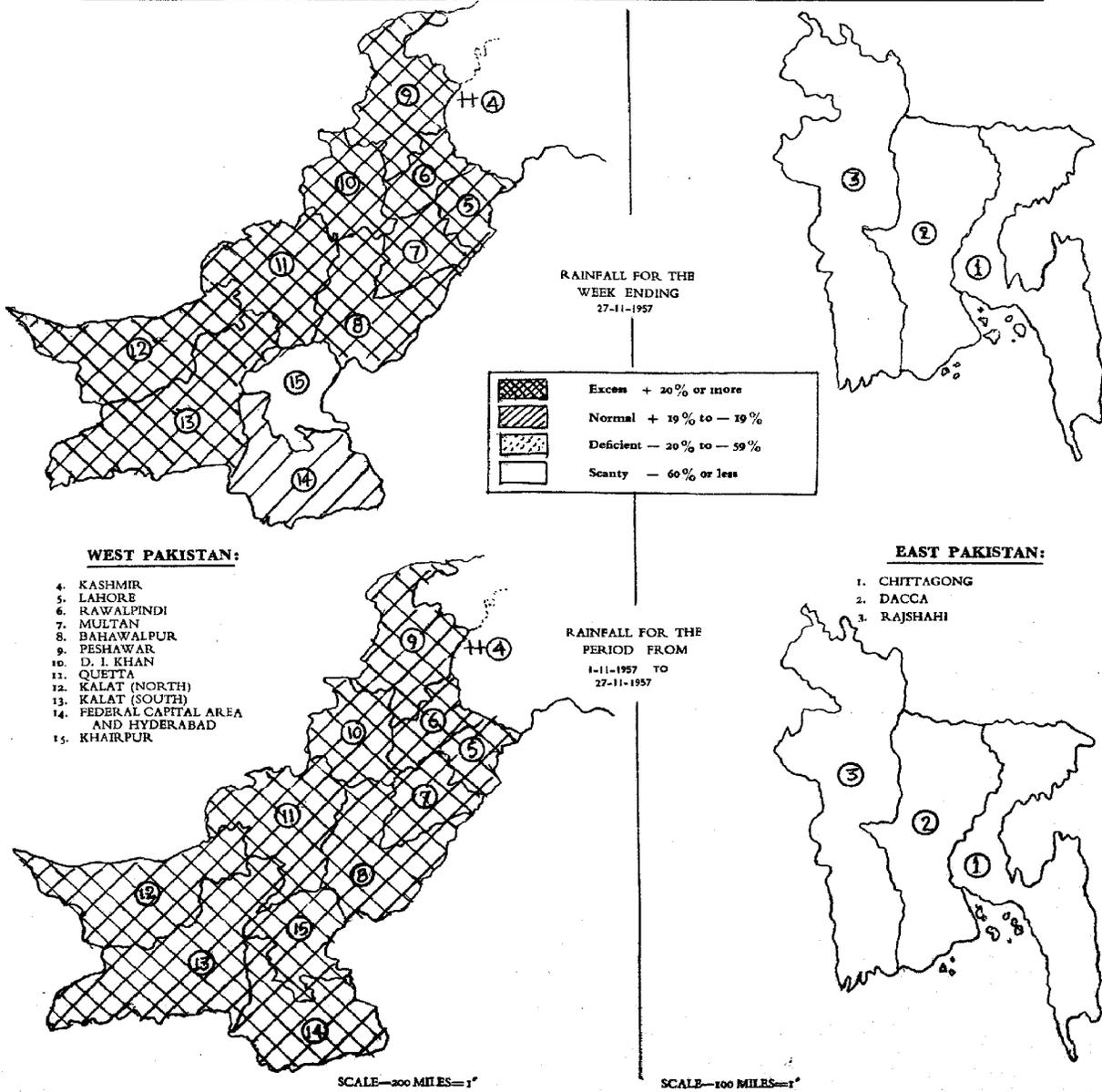
S. N. NAQVI,  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 27th November, 1957.			Rainfall for period from 1st November, 1957 to 27th November, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.3	- 0.3	0	1.7	- 1.7	- 100
2. Dacca	0	0.1	- 0.1	0	1.1	- 1.1	- 100
3. Rajshahi	0	0.1	- 0.1	0	0.7	- 0.7	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.1	0	+ 1.1	1.1	1.1	+ 1.0	+ 1000
6. Rawalpindi	1.6	0.1	+ 1.5	3.4	0.3	+ 3.1	+ 981
7. Multan	1.2	0	+ 1.2	1.3	0.1	+ 1.2	+ 2460
8. Bahawalpur	0.1	0.1	0	0.1	0.1	0	+ 40
9. Peshawar	0.4	0.2	+ 0.2	1.8	0.3	+ 1.5	+ 604
10. D. I. Khan	0.3	0	+ 0.3	0.4	0.1	+ 0.4	+ 633
11. Quetta	0.6	0.1	+ 0.5	1.8	0.1	+ 0.7	+ 486
12. Kalat (North)	0.1	0.1	0	0.4	0.1	+ 0.3	+ 264
13. Kalat (South)	0	0	0	1.4	0.1	+ 1.3	+ 2640
14. F. C. A. & H <sup>2</sup> Bad.	0	0	0	0.3	0.1	+ 0.2	+ 211
15. Khairpur	0	0	0	0.1	0	+ 0.1	+ 250
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 4th December, 1957.

—c:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Dry weather continued to prevail over East Pakistan.

Night temperatures were practically normal throughout the week.

**WEST PAKISTAN :** Weather was dry over West Pakistan during the first five days of the week.

A western disturbance appearing thereafter, over Kalat division on the 2nd moved to Quetta division the next day and caused fairly widespread rain in Quetta division, local in D.I. Khan and Peshawar divisions and scattered in South Kalat division. It then moved to Lahore division while a fresh western disturbance moved from Trucial Oman to north Arabian Sea. Under their influence nearly general rain fell over south Kalat division, local in Peshawar and Hyderabad divisions and the Federal Capital Area and scattered light rain or drizzle elsewhere over the region.

Chief amounts of rainfall recorded were : Quetta  $1\frac{1}{2}$ " on the 3rd and Turbat 2", Pasni  $1\frac{1}{2}$ ", Panjgur 1" and Las Bela  $\frac{3}{4}$ " on the 4th.

Night temperatures were appreciably above normal in Kalat division on the 30th, over the southern half of West Pakistan on the 1st and markedly above normal practically throughout the region during the last three days 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 over the hills on two days.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Local rain fell on two days.

**D. I. KHAN DIVISION :** Rainfall was local on one day.

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

**KALAT (NORTH) DIVISION :** Weather remained dry.

**KALAT (SOUTH) DIVISION :** Rainfall was nearly general on one day and scattered on another day.

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

**KHAIRPUR DIVISION :** Scattered rain fell on one day.

**JUNAGADH :** Data not available.

3. The week's rainfall was in large excess in Rawalpindi, Multan, Quetta, Kalat (South) and Hyderabad divisions, and the Federal Capital Area, normal in Lahore and Peshawar divisions and scanty in Kalat (North) division. No rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess over the whole of West Pakistan outside Bahawalpur and Khairpur divisions where it was normal. No rain fell in East 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 4th December, 1957. }

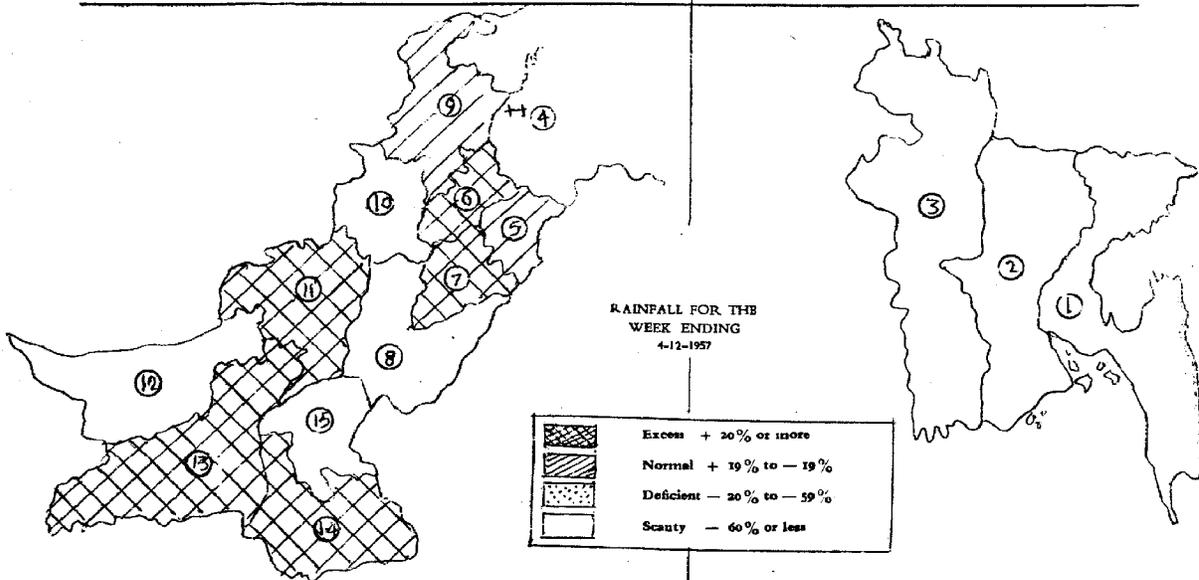
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

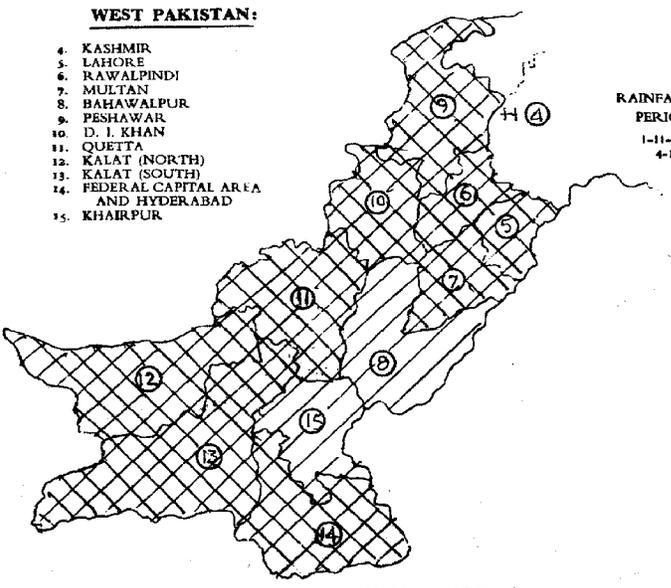
Division.	Rainfall for week ending on 4th December, 1957.			Rainfall for period from 1st November, 1957 to 4th December, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.1	- 0.1	0	1.9	- 1.9	- 100
2. Dacca	0	0.1	- 0.1	0	1.2	- 1.2	- 100
3. Rajshahi	0	0	0	0	0.7	- 0.7	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.1	0.1	0	1.2	0.2	+ 1.0	+ 582
6. Rawalpindi	0.3	0.1	+ 0.2	3.7	0.4	+ 3.3	+ 790
7. Multan	0	0	0	1.3	0.1	+ 1.3	+ 1786
8. Bahawalpur	0	0	0	0.1	0.1	0	+ 17
9. Peshawar	0.2	0.2	0	1.9	0.4	+ 1.5	+ 339
10. D. I. Khan	0	0.1	- 0.1	0.4	0.1	+ 0.3	+ 300
11. Quetta	0.5	0.2	+ 0.3	2.3	0.4	+ 2.0	+ 535
12. Kalat (North)	0	0.1	- 0.1	0.4	0.2	+ 0.2	+ 95
13. Kalat (South)	0.9	0.1	+ 0.9	2.3	0.1	+ 2.2	+ 2220
14. F. C. A. & H'Bad.	0.2	0	+ 0.1	0.5	0.1	+ 0.3	+ 309
15. Khairpur	0	0	0	0.1	0.1	0	+ 17
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.



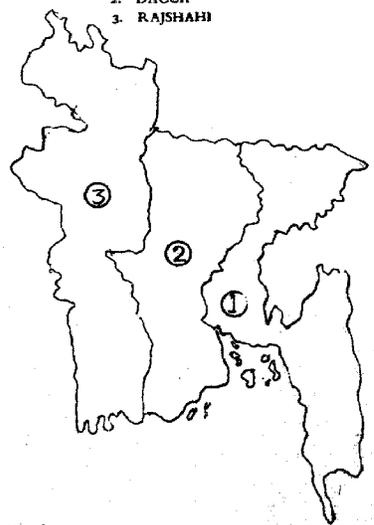
**WEST PAKISTAN:**

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—300 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 December, 1957.

—o:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather remained dry over the region throughout the week.

Night temperatures were generally appreciably above normal between the 8th and the 10th.

**WEST PAKISTAN :** Last week's secondary western disturbance over the North Arabian Sea moved to Quetta division on the first day of the week and across Kashmir the next day. It was closely followed by another western disturbance over North Kalat and adjoining Quetta division on the 6th. It moved slowly eastnortheastwards, became well marked and lay over the northern divisions of West Pakistan on the last day of the week.

Under their influence the whole of West Pakistan outside Hyderabad division and the Federal Capital Area experienced wet weather during the week, when nearly general rain fell over the northern parts between the 6th and the 8th and practically over the whole region on the last day.

Chief amounts of rainfall recorded were : Ormara  $1\frac{1}{4}$ " on the 5th; Cherat and Parachinar  $1\frac{1}{4}$ " each on the 6th; Jhelum 1" on the 7th, Fort Sandeman and Hindubagh  $\frac{1}{2}$ " on the 8th; Hindubagh  $1\frac{1}{4}$ " on the 9th, Chaman  $\frac{1}{2}$ " on the 10th and Leiah, Cherat and Hindubagh 2" each and Montgomery, Chakdara, Harnai, Quetta and Chaman  $1\frac{1}{4}$ " each on the 11th.

Night temperatures were considerably above normal practically over the whole of the region during the week except on the 8th and the 9th when they were so mainly over the southern parts.

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

**DACCA DIVISION :** Weather remained dry.

**RAJSHAHI DIVISION :** Weather remained dry.

**KASHMIR :** Data not available.

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

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

**MULTAN DIVISION :** Rainfall was nearly general on two days.

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

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

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

**QUETTA DIVISION :** Nearly general rain fell on five days and local on two days.

**KALAT (NORTH) DIVISION :** Nearly general and scattered rain fell on one day each and local on three days.

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

**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 Lahore, Rawalpindi, Multan, Bahawalpur, Peshawar, D.I. Khan, Quetta and Kalat divisions and normal in Khairpur division. No rainfall was reported from elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was in large excess over West Pakistan outside Khairpur division where it was normal. No rain fell in East Pakistan.

4. The table overleaf summarises 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 11th December, 1957. }

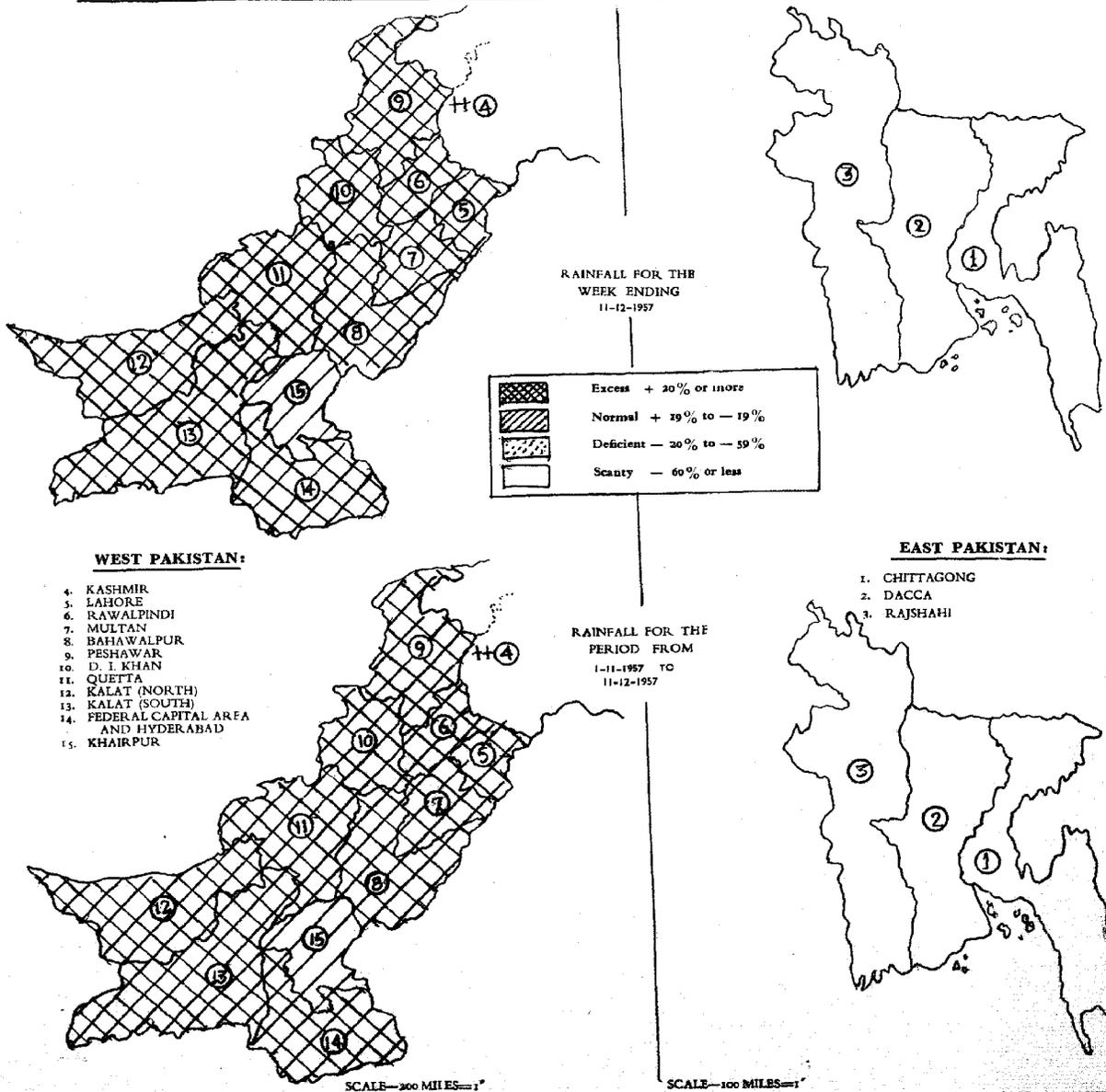
S. N. NAQVI  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 11th December, 1957.			Rainfall for period from 1st November, 1957 to 11th December, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.2	- 0.2	- 0	2.1	-2.1	- 100
2. Dacca	0	0.1	- 0.1	0	1.3	-1.3	- 100
3. Rajshahi	0	0.1	- 0.1	0	0.8	-0.8	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	1.1	0.1	1.0	2.3	0.2	2.0	923
6. Rawalpindi	1.8	0.2	1.6	5.5	0.6	4.9	839
7. Multan	1.4	0	1.3	2.7	0.1	2.6	2336
8. Bahawalpur	0.3	0	0.3	0.3	0.1	0.3	337
9. Peshawar	2.5	0.2	2.3	4.4	0.6	3.8	626
10. D. I. Khan	0.3	0.1	0.2	0.7	0.2	0.5	289
11. Quetta	2.9	0.2	2.7	5.3	0.6	4.7	828
12. Kalat (North)	1.3	0.1	1.1	1.7	0.3	1.3	380
13. Kalat (South)	0.8	0.1	0.6	3.1	0.2	2.9	1243
14. F. C. A. & H <sup>o</sup> Bad.	0	0	0	0.5	0.1	0.3	275
15. Khairpur	0	0	0	0.1	0.1	0	14
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 18th December, 1957.

—c:O:o—

### SUMMARY OF WEATHER

**EAST PAKISTAN :** Weather continued to remain dry over East Pakistan throughout the week.

Night temperatures were appreciably above normal during the week.

**WEST PAKISTAN :** Last week's western disturbance over the northern divisions of West Pakistan moved away eastwards after causing fairly widespread rain or thundershowers in Lahore and Rawalpindi divisions on the 12th. A few falls of snow were also reported from Rawalpindi division on that date.

Weather, otherwise, remained dry over the province except for light rain or drizzle in Peshawar division on the 17th due to the passage of a westerly low pressure wave across the extreme north of West Pakistan.

Chief amounts of rainfall are : Sialkot, Jhelum, Haripur and Kakul  $\frac{1}{8}$ " each and Rawalpindi, Murree and Chakdara  $\frac{1}{4}$ " each on the 12th.

Night temperatures were markedly above normal in Lahore, Multan and Bahawalpur divisions on the first five days and were appreciably below normal in north Kalat and Hyderabad divisions and the Federal Capital Area 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 :** Nearly general rain fell on one day.

**RAWALPINDI DIVISION :** Nearly general rain fell on one day.

**MULTAN DIVISION :** Weather remained dry.

**BAHAWALPUR DIVISION :** Weather remained dry.

**PESHAWAR DIVISION :** Local rain fell on one day.

**D. I. KHAN DIVISION :** Weather remained dry.

**KALAT (NORTH) DIVISION :** Weather remained dry.

**KALAT (SOUTH) DIVISION :** Weather remained dry.

**HYDERABAD DIVISION AND FEDERAL CAPITAL AREA :** 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 Lahore division and deficient in Rawalpindi division. Practically no rain fell elsewhere over the country.

Rainfall for the period from 1st November, 1957 to date was scanty in East Pakistan, deficient in Khairpur division, in excess in Lahore division and in large excess 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 18th December, 1957. }

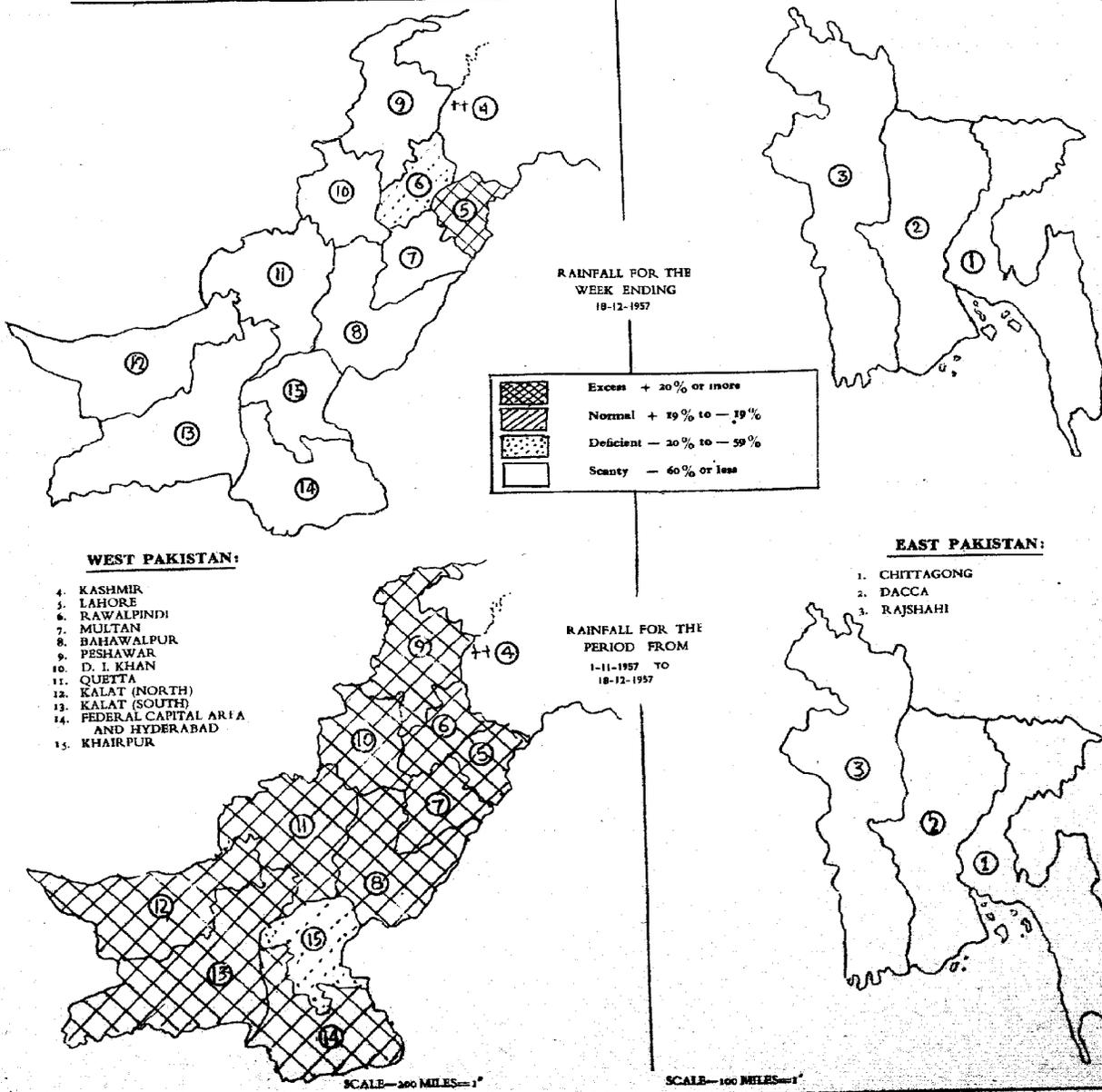
S. N. NAQVI,  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 18th December, 1957.			Rainfall for period from 1st November, 1957 to 18th December, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0.1	- 0.1	0	0.1	- 0.1	- 91
2. Dacca	0	0	0	0	1.3	- 1.3	- 99
3. Rajshahi	0	0	0	0	0.8	- 0.8	- 100
4. Kashmir ††	—	—	—	—	—	—	—
5. Lahore	0.3	0.2	+ 0.1	2.5	0.4	+ 2.1	+ 55
6. Rawalpindi	0.2	0.3	- 0.1	5.7	0.9	+ 4.9	+ 574
7. Multan	0	0.1	- 0.1	2.7	0.2	+ 2.5	+ 1240
8. Bahawalpur	0	0.1	- 0.1	0.3	0.2	+ 0.2	+ 84
9. Peshawar	0	0.2	- 0.2	4.4	0.8	+ 3.6	+ 427
10. D. I. Khan	0	0.1	- 0.1	0.7	0.3	+ 0.4	+ 131
11. Quetta	0	0.2	- 0.2	5.3	0.7	+ 4.5	+ 605
12. Kalat (North)	0	0.2	- 0.2	1.7	0.5	+ 1.1	+ 211
13. Kalat (South)	0	0.3	- 0.3	3.1	0.5	+ 2.6	+ 544
14. F. C. A. & H'Bad.	0	0.1	- 0.1	0.5	0.2	+ 0.3	+ 150
15. Khairpur	0	0.1	- 0.1	0.1	0.2	- 0.1	- 53
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 25th December, 1957.

—c:O:o—

### SUMMARY OF WEATHER

EAST PAKISTAN : Weather continued to remain dry over the province during the week.

Night temperatures were appreciably above normal in Rajshahi and Dacca divisions on the first two days.

WEST PAKISTAN : Dry weather prevailed over West Pakistan throughout the week.

Night temperatures were appreciably above normal in the northern divisions of West Pakistan during the week. They were markedly below normal in Quetta, north Kalat, Hyderabad divisions and the Federal Capital Area on the last two days 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 was dry.

RAWALPINDI DIVISION : Weather was dry.

MULTAN DIVISION : Weather was dry.

BAHAWALPUR DIVISION : Weather was dry.

PESHAWAR DIVISION : Weather was dry.

D. I. KHAN DIVISION : Weather was dry.

KALAT (NORTH) DIVISION : Weather was dry.

KALAT (SOUTH) DIVISION : Weather was dry.

HYDERABAD DIVISION AND FEDERAL CAPITAL AREA : Weather was dry.

KHAIRPUR DIVISION : Weather was dry.

JUNAGADH : Data not available.

3. No rain fell over the country during the week.

Rainfall for the period from 1st November, 1957 to date was scanty in East Pakistan and in Khairpur division and in large excess 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 25th December, 1957. }

S. N. NAQVI,  
Director, Meteorological Service.



# WEEKLY WEATHER REPORT

Division.	Rainfall for week ending on 25th December, 1957.			Rainfall for period from 1st November, 1957 to 25th December, 1957.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect.	
						Inches	Per-cent.
1. Chittagong	0	0	0	0	0.1	-0.1	- 93
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	0.1	-0.1	2.5	0.5	+ 2.0	+ 366
6. Rawalpindi	0	0.4	-0.4	5.7	1.2	+ 4.5	+ 374
7. Multan	0	0.1	-0.1	2.7	0.3	+ 2.4	+ 893
8. Bahawalpur	0	0	0	0.3	0.2	+ 0.1	+ 67
9. Peshawar	0	0.3	-0.3	4.4	1.1	+ 3.3	+ 299
10. D. I. Khan	0	0.1	-0.1	0.7	0.4	+ 0.3	+ 72
11. Quetta	0	0.2	-0.2	5.3	0.9	+ 4.3	+ 457
12. Kalat (North)	0	0.3	-0.3	1.7	0.8	+ 0.9	+ 113
13. Kalat (South)	0	0.1	-0.1	3.1	0.6	+ 2.5	+ 415
14. F. C. A. & H'Bad.	0	0	0	0.5	0.2	+ 0.3	+ 125
15. Khairpur	0	0	0	0.1	0.2	-0.1	- 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.

