

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 5th January, 1966.

-----o:O:o-----

SUMMARY OF WEATHER

EAST PAKISTAN: A well marked low pressure area developed over south Bay of Bengal on the morning of 31st December 1965. It intensified into a depression by the next morning and was centred at 01/0300 hours GMT within one degree of latitude 10°N and longitude 82.5°E. The depression moved initially in a northnorthwesterly direction and was centred at 02/0300 hrs GMT within one degree of latitude 11.5°N and longitude 81.5°E. Thereafter it started moving in a northerly direction, crossed Andhra coast during the night and lay at 03/0300 hrs. GMT next morning about 50 miles southeast of Jagdalpur. It then recurved, moved in a northeasterly direction and lay close to Jessore at 0300 hours GMT on the morning of 4th. It subsequently weakened and moved away as a low pressure area to Assam on the last day of the week. Weather remained dry over the province during the first five days. On the last two days the weather was influenced by the depression described above. In its association rainfall was fairly widespread in Rajshahi, Dacca and Khulna divisions and local in Chittagong division on the 4th and fairly widespread in Chittagong division and scattered elsewhere over the province on the 5th. Chief amounts of rainfall recorded were: Pabna and Bogra 1½" each. Mymensingh ¾" on the 4th and Chittagong 1¼" and Srimangal 1" on the 5th.

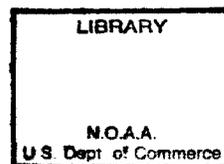
Night temperatures were markedly above normal in Chittagong division on the last two days of the week and were otherwise slightly to appreciably so over the province on the last five days. These were slightly below normal in Chittagong division on the first day of the week.

WEST PAKISTAN: Weather remained dry over the province throughout the week.

Night temperatures were slightly above normal in the northern and western regions on the first three days of the week and were to the same extent below normal in Hyderabad, Kalat and Khairpur divisions on the last three days.

*Over size
QC
990
.P18
P36
1966
(Incomp)*

- | | |
|--------------------------|---|
| 2. CHITTAGONG DIVISION : | Rainfall was fairly widespread on one day and local on another day. |
| DACCA DIVISION : | Widespread and scattered rain fall on one day each. |
| KHULNA DIVISION : | Rainfall was fairly widespread on one day. |
| RAJSHAHI DIVISION : | Rainfall was fairly widespread and local on one day each. |
| KASHMIR : | Data not available. |
| LAHORE DIVISION : | } Weather remained dry during the week. |
| RAWALPINDI DIVISION : | |
| SARGODHA DIVISION : | |
| MULTAN DIVISION : | |
| BAHAWALPUR DIVISION : | |
| PESHAWAR DIVISION : | |
| D. I. KHAN DIVISION : | |
| QUETTA DIVISION : | |
| KALAT DIVISION : | |
| KARACHI DIVISION : | |
| HYDERABAD DIVISION : | |
| KHAIRPUR DIVISION : | |

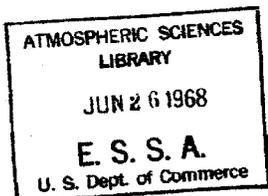


3. Based on the data of stations having normals, the week's rainfall was in large excess in East Pakistan. No rain fell in West Pakistan during the week.

Rainfall for the period from 1st November 1965 to-date was in large excess in Chittagong, Rajshahi and Multan divisions, in excess in Dacca division, normal in Rawalpindi, Peshawar, Quetta and Kalat divisions, deficient in Khulna division and scanty in Lahore, Sargodha and Karachi division. No rain fell in Bahawalpur, D.I. Khan, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

Karachi-11
The 5th January, 1966.



K. U. SIDDIQI
T.I.
for Director, Meteorological Service.

National Oceanic and Atmospheric Administration
Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

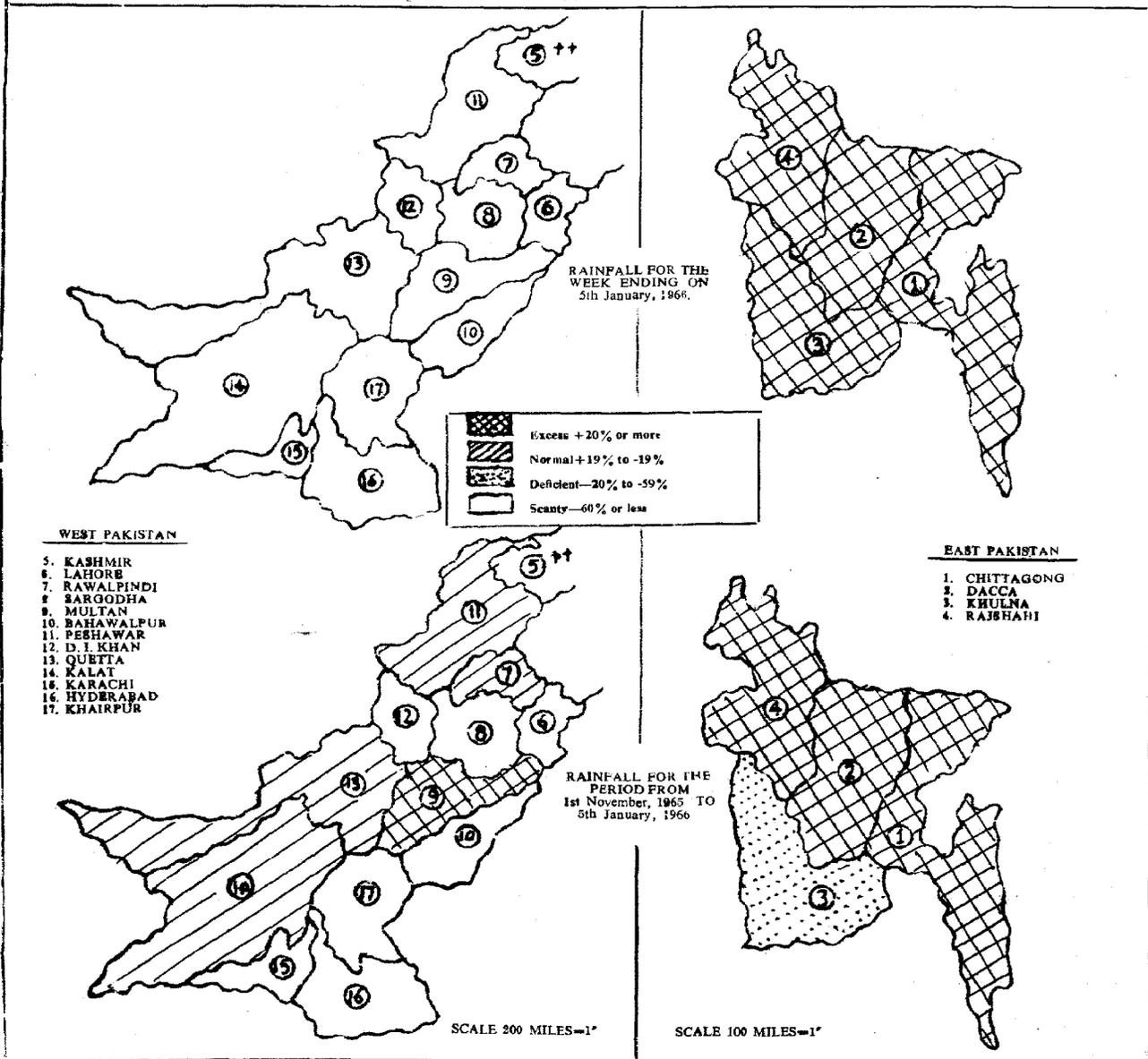
This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 5th January, 1966.			Rainfall for the Period from 1st November, 1965 to 5th January, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	1.1	0.1	+ 1.0	3.9	2.3	+ 1.6	+ 71
2. Dacca	0.5	0	+ 0.5	1.7	1.2	+ 0.6	+ 50
3. Khulna	0.6	0	+ 0.5	0.7	1.3	— 0.6	— 47
4. Rajshahi	0.7	0	+ 0.7	1.4	0.7	+ 0.7	+ 106
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	— 0.3	0.2	0.9	— 0.8	— 81
7. Rawalpindi	0	0.4	— 0.4	2.1	2.3	— 0.3	— 12
8. Sargodha	0	0.1	— 0.1	0.2	0.5	— 0.3	— 60
9. Multan	0	0.1	— 0.1	1.5	0.3	+ 1.1	+ 317
10. Bahawalpur	0	0	0	0	0.3	— 0.3	— 100
11. Peshawar	0	0.3	— 0.3	1.9	1.7	+ 0.2	+ 13
12. D. I. Khan	0	0.2	— 0.2	0	0.7	— 0.7	— 100
13. Quetta	0	0.2	— 0.2	1.3	1.1	+ 0.2	+ 14
14. Kalat	0	0.2	— 0.2	1.4	1.3	+ 0.2	+ 13
15. Karachi	0	0.2	— 0.2	0.2	0.6	— 0.5	— 73
16. Hyderabad	0	0	0	0	0.3	— 0.3	— 100
17. Khairpur	0	0	— 0	0	0.2	— 0.2	— 100
18. Junagadh	—	—	—	—	—	—	—

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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 12th January, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: Weather remained dry and night temperatures remained slightly above normal over the province throughout the week.

WEST PAKISTAN: Weather remained dry over the province throughout the week.

Night temperatures were slightly above normal in Quetta, Kalat, Karachi and Hyderabad divisions on the first three and in Karachi and Hyderabad divisions on the last three days. These were slightly below normal in Peshawar, Sargodha and Multan divisions on the first four days and in the last two named divisions on the last day.

2. CHITTAGONG DIVISION :	}	Weather remained dry
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :		
KASHMIR :	}	Data not available.
LAHORE DIVISION :		
RAWALPINDI DIVISION :		
SARGODHA DIVISION :		
MULTAN DIVISION :		
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		
D. I. KHAN DIVISION :		
QUETTA DIVISION :		
KALAT DIVISION :		
KARACHI DIVISION :		
HYDERABAD DIVISION :		
KHAIRPUR DIVISION :	}	Weather remained dry.
JUNAGDH :		
		Data not available.

3. No rain fell over the country during the week.

Rainfall for the period from 1st November 1965 to-date was in large excess in Chittagong, Rajshahi and Multan divisions, in excess in Dacca division, normal in Peshawar, Quetta and Kalat divisions, deficient in Khulna and Rawalpindi divisions and scanty in Lahore, Sargodha and Karachi divisions whereas no rain fell in Bahawalpur, D.I. Khan, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

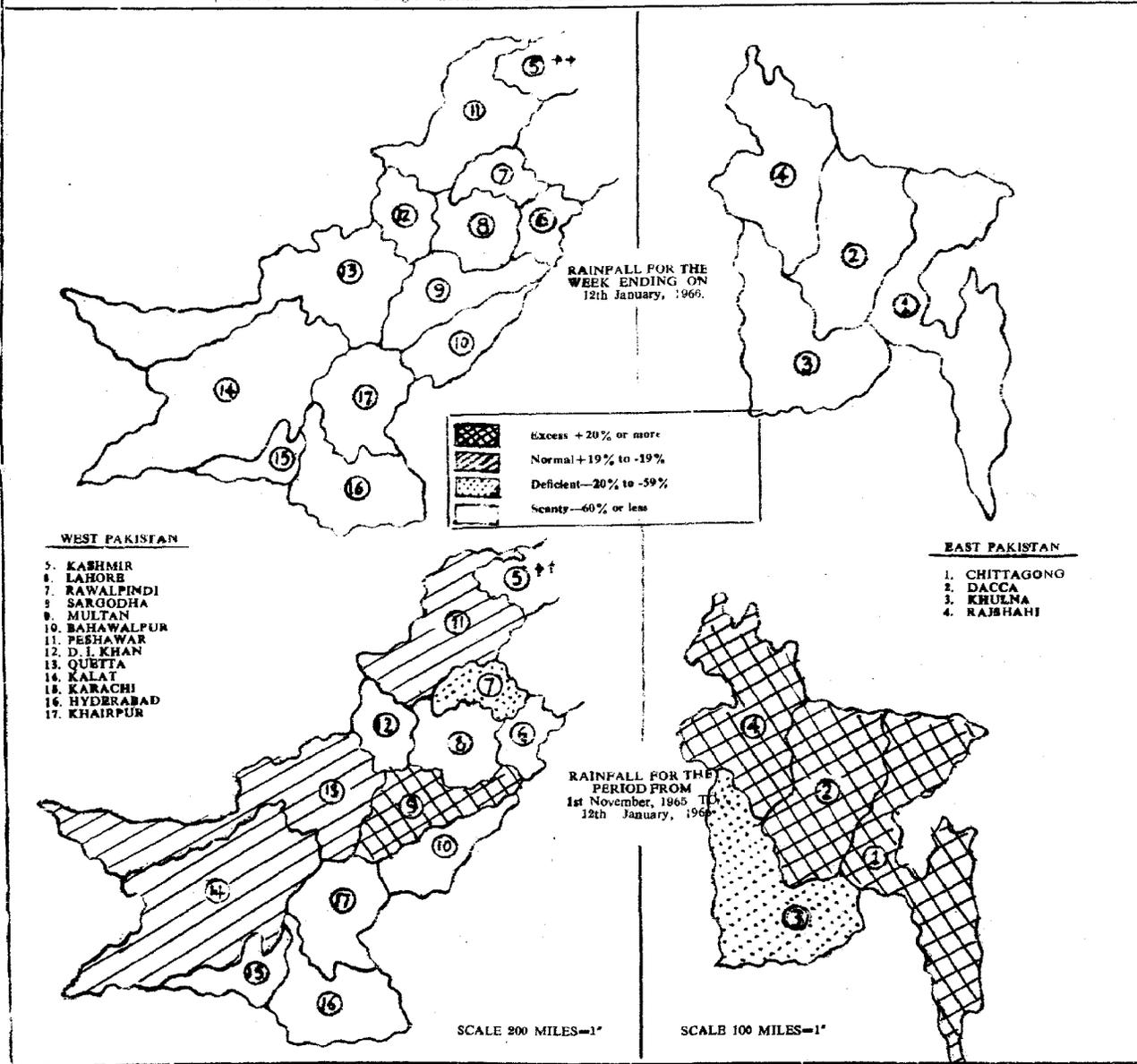
Karachi—11
The 12th January, 1966.

K. U. SIDDIQI
T.I.
for Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 12th January, 1966.			Rainfall for the period from 1st November, 1965 to 12th January, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0	0	3.9	2.3	+ 1.6	+ 69
2. Dacca	0	0	0	1.7	1.2	+ 0.6	+ 47
3. Khulna	0	0	0	0.7	1.4	- 0.7	- 48
4. Rajshahi	0	0.1	- 0.1	1.4	0.7	+ 0.7	+ 92
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	- 0.3	0.2	1.2	- 1.1	- 93
7. Rawalpindi	0	0.7	- 0.7	2.1	3.0	- 0.9	- 31
8. Sargodha	0	0.1	- 0.1	0.2	0.5	- 0.3	- 62
9. Multan	0	0.1	- 0.1	1.5	0.4	+ 1.1	+ 256
10. Bahawalpur	0	0	0	0	0.3	- 0.3	- 100
11. Peshawar	0	0	0	1.9	1.9	- 0.1	- 5
12. D. I. Khan	0	0	0	0	0.7	- 0.7	- 100
13. Quetta	0	0.4	- 0.4	1.3	1.5	- 0.2	- 14
14. Kalat	0	0.3	- 0.3	1.4	1.5	- 0.1	- 8
15. Karachi	0	0.1	- 0.1	0.2	0.7	- 0.6	- 80
16. Hyderabad	0	0	0	0	0.3	- 0.3	- 100
17. Khairpur	0	0	0	0	0.2	- 0.2	- 100
18. Junagadh	—	—	—	—	—	—	—

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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 19th January, 1966.

-----o:O:-----

SUMMARY OF WEATHER

EAST PAKISTAN: Weather remained dry over the province throughout the week. Night temperatures were appreciably to markedly above normal on the first day and slightly to appreciably so on the second day of the week. These were slightly below normal in Khulna and Dacca divisions on the last two days of the week.

WEST PAKISTAN: Weather remained dry over the province throughout the week except for light rain in Quetta division on the 15th caused by a feeble western disturbance moving across D.I. Khan divisions. Night temperatures remained slightly to appreciably above normal in the southern divisions on the first four days and to the same extent below normal in Lahore and Sargodha divisions on the last two days of the week.

2. CHITTAGONG DIVISION :	Weather remained dry
DACCA DIVISION :	} No rain fell during the week.
KHULNA DIVISION :	
RAJSHAHI DIVISION :	
KASHMIR :	Data not available.
LAHORE DIVISION :	No rain fell during the week.
RAWALPINDI DIVISION :	Weather remained mainly dry during the week.
SARGODHA DIVISION :	} No rain fell during the week.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	
D. I. KHAN DIVISION :	} Weather remained mainly dry during the week.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	} No rain fell during the week.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGDH :	Data not available.

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

Rainfall for the period from 1st November 1965 to-date was in large excess in Chittagong, Rajshahi and Multan divisions in excess in Dacca division, deficient in Khulna, Rawalpindi, Peshawar, Quetta and Kalat divisions and scanty in Lahore, Sargodha and Karachi divisions. No rain fell in Bahawalpur, D.I. Khan, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

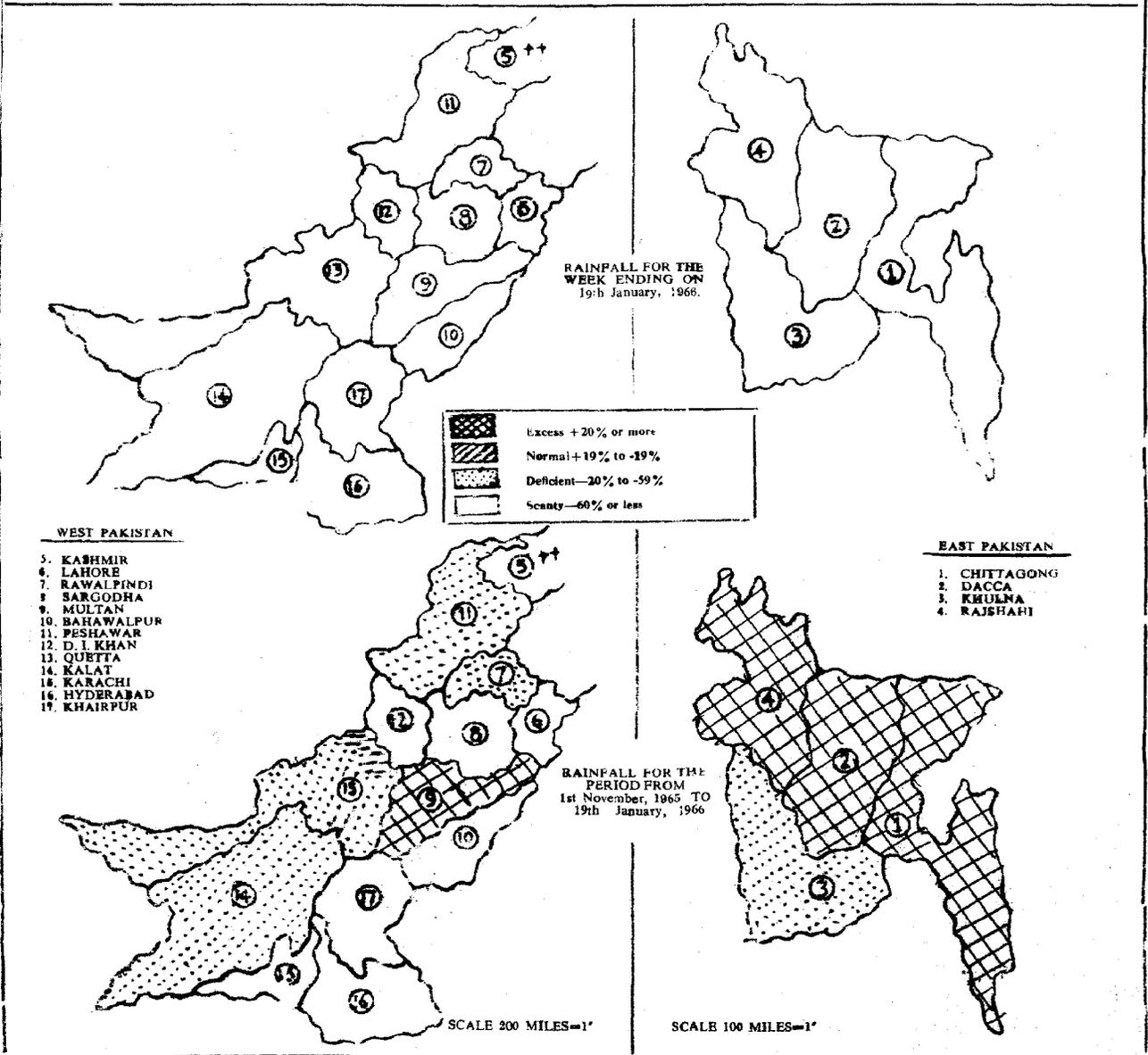
Karachi—11
The 19th January, 1966.

K. U. SIDDIQI
T.I.
for Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 19th January, 1966.			Rainfall for the Period from 1st November, 1965 to 19th January, 1966.			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0	0	3.9	2.3	+ 1.6	+ 66
2. Dacca	0	0	0	1.7	1.2	+ 0.5	+ 45
3. Khulna	0	0	0	0.7	1.4	- 0.7	- 49
4. Rajshahi	0	0.1	- 0.1	1.4	0.8	+ 0.6	+ 75
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.5	- 0.5	0.2	1.6	- 1.4	- 89
7. Rawalpindi	0.1	0.8	- 0.7	2.1	3.7	- 1.6	- 43
8. Sargodha	0	0.2	- 0.2	0.2	0.7	- 0.5	- 70
9. Multan	0	0.1	- 0.1	1.5	0.5	+ 0.9	+ 175
10. Bahawalpur	0	0.1	- 0.1	0	0.3	- 0.3	- 100
11. Peshawar	0	0.4	- 0.4	1.9	2.4	- 0.5	- 22
12. D. I. Khan	0	0.2	- 0.2	0	0.9	- 0.9	- 100
13. Quetta	0	0.3	- 0.3	1.3	1.7	- 0.4	- 25
14. Kalat	0	0.4	- 0.4	1.4	1.9	- 0.5	- 22
15. Karachi	0	0.3	- 0.3	0.2	1.0	- 0.8	- 84
16. Hyderabad	0	0	0	0	0.3	- 0.3	- 100
17. Khairpur	0	0.1	- 0.1	0	0.3	- 0.3	- 100
18. 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 January, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: Weather remained dry and night temperatures remained near by normal over the province throughout the week except on the 21st and 23rd when these were slightly below normal in Chittagong and Khulna divisions.

WEST PAKISTAN: Weather remained dry over the province throughout the week. Night temperatures were appreciably to markedly above normal in Peshawar and Quetta divisions on the 22nd and slightly to appreciably so in Karachi, Hyderabad and Quetta division throughout the week. These were slightly below normal in Multan and Lahore divisions on the first two days and in Sargodha and Peshawar divisions on the 4th day of the week.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.	
DACCA DIVISION :			
KHULNA DIVISION :			
RAJSHAHI DIVISION :			
KASHMIR :	}	Data not available.	
LAHORE DIVISION :			
RAWALPINDI DIVISION :			
SARGODHA DIVISION :			
MULTAN DIVISION :			
BAHAWALPUR DIVISION :			
PESHAWAR DIVISION :			
D. I. KHAN DIVISION :		}	Weather remained dry during the week.
QUETTA DIVISION :			
KALAT DIVISION :			
KARACHI DIVISION :			
HYDERABAD DIVISION :			
KHAIRPUR DIVISION :			
JUNAGADH :	}	Data not available.	

3. No rain fell over the country during the week.

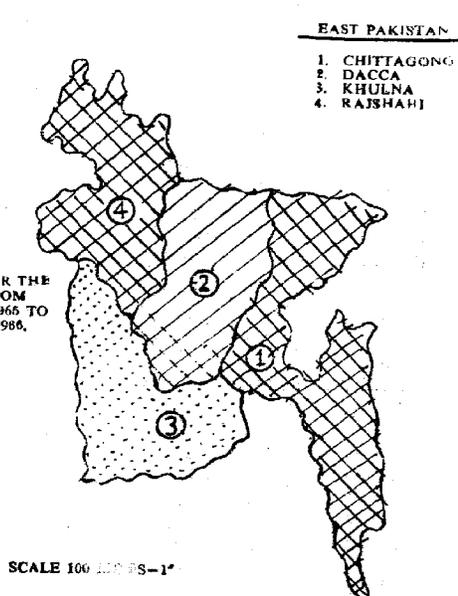
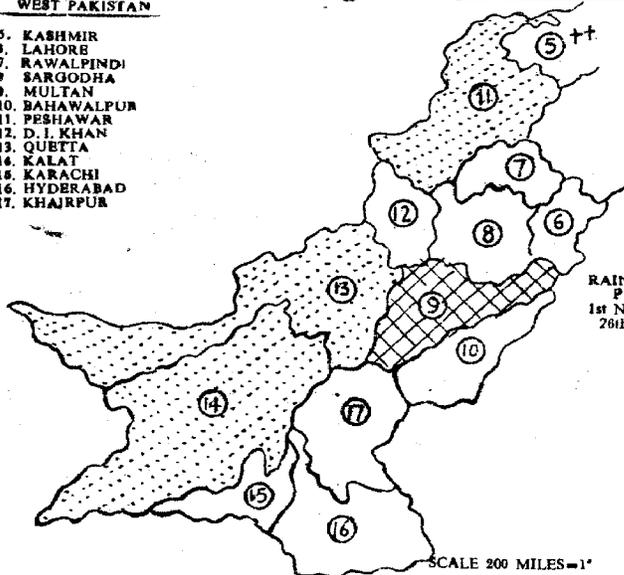
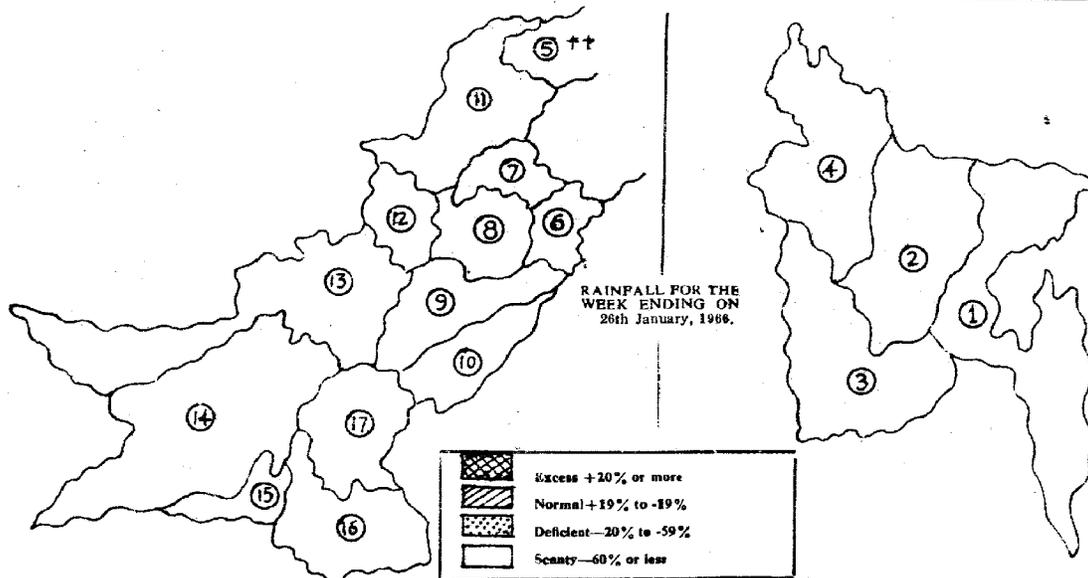
Rainfall for the period from 1st November 1965 to-date was in large excess in Chittagong and Multan divisions; in excess in Dacca and Rajshahi divisions; deficient in Khulna, Rawalpindi, Peshawar, Quetta and Kalat divisions; scanty in Lahore, Sargodha and Karachi divisions, Whereas no rainfall in Bahawalpur, D. I. Khan, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to 26th January 1966.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 26th January, 1966.			Rainfall for the Period from 1st November, 1965 to 26th January, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	0	0.1	— 0.1	3.9	2.4	+ 1.5	+ 62
2. Dacca	0	0.1	— 0.1	1.7	1.3	+ 0.4	+ 30
3. Khulna	0	0.2	— 0.2	0.7	1.5	— 0.8	— 54
4. Rajshahi	0	0.1	— 0.1	1.4	0.9	+ 0.5	+ 53
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.4	— 0.4	0	2.0	— 1.8	— 90
7. Rawalpindi	0	0.7	— 0.7	0	4.5	— 2.4	— 53
8. Sargodha	0	0.2	— 0.2	0.2	0.9	— 0.7	— 76
9. Multan	0	0.1	— 0.1	1.5	0.6	+ 0.8	+ 127
10. Bahawalpur	0	0.1	— 0.1	0	0.4	— 0.4	— 100
11. Peshawar	0	0.5	— 0.5	1.9	2.9	— 1.1	— 36
12. D. I. Khan	0	0.1	— 0.1	0	1.0	— 1.0	— 100
13. Quetta	0	0.3	— 0.3	1.3	2.0	— 0.7	— 34
14. Kalat	0	0.3	— 0.3	1.4	2.3	— 0.9	— 38
15. Karachi	0	0.1	— 0.1	0.2	1.1	— 0.9	— 86
16. Hyderabad	0	0	0	0	0.3	— 0.3	— 100
17. Khairpur	0	0.1	— 0.1	0	0.4	— 0.4	— 100
18. 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 January, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: Weather remained dry and night temperatures remained near by normal over the province throughout the week except on the 21st and 23rd when these were slightly below normal in Chittagong and Khulna divisions.

WEST PAKISTAN: Weather remained dry over the province throughout the week. Night temperatures were appreciably to markedly above normal in Peshawar and Quetta divisions on the 22nd and slightly to appreciably so in Karachi, Hyderabad and Quetta division throughout the week. These were slightly below normal in Multan and Lahore divisions on the first two days and in Sargodha and Peshawar divisions on the 4th day of the week.

2	CHITTAGONG DIVISION :	}	Weather remained dry during the week.
	DACCA DIVISION :		
	KHULNA DIVISION :		
	RAJSHAHI DIVISION :	}	Data not available.
	KASHMIR :		
	LAHORE DIVISION :	}	Weather remained dry during the week.
	RAWALPINDI DIVISION :		
	SARGODHA DIVISION :		
	MULTAN DIVISION :		
	BAHAWALPUR DIVISION :		
	PESHAWAR DIVISION :		
	D. I. KHAN DIVISION :		
	QUETTA DIVISION :		
	KALAT DIVISION :		
	KARACHI DIVISION :		
	HYDERABAD DIVISION :		
	KHAIRPUR DIVISION :		
	JUNAGADH :		Data not available.

3. No rain fell over the country during the week.

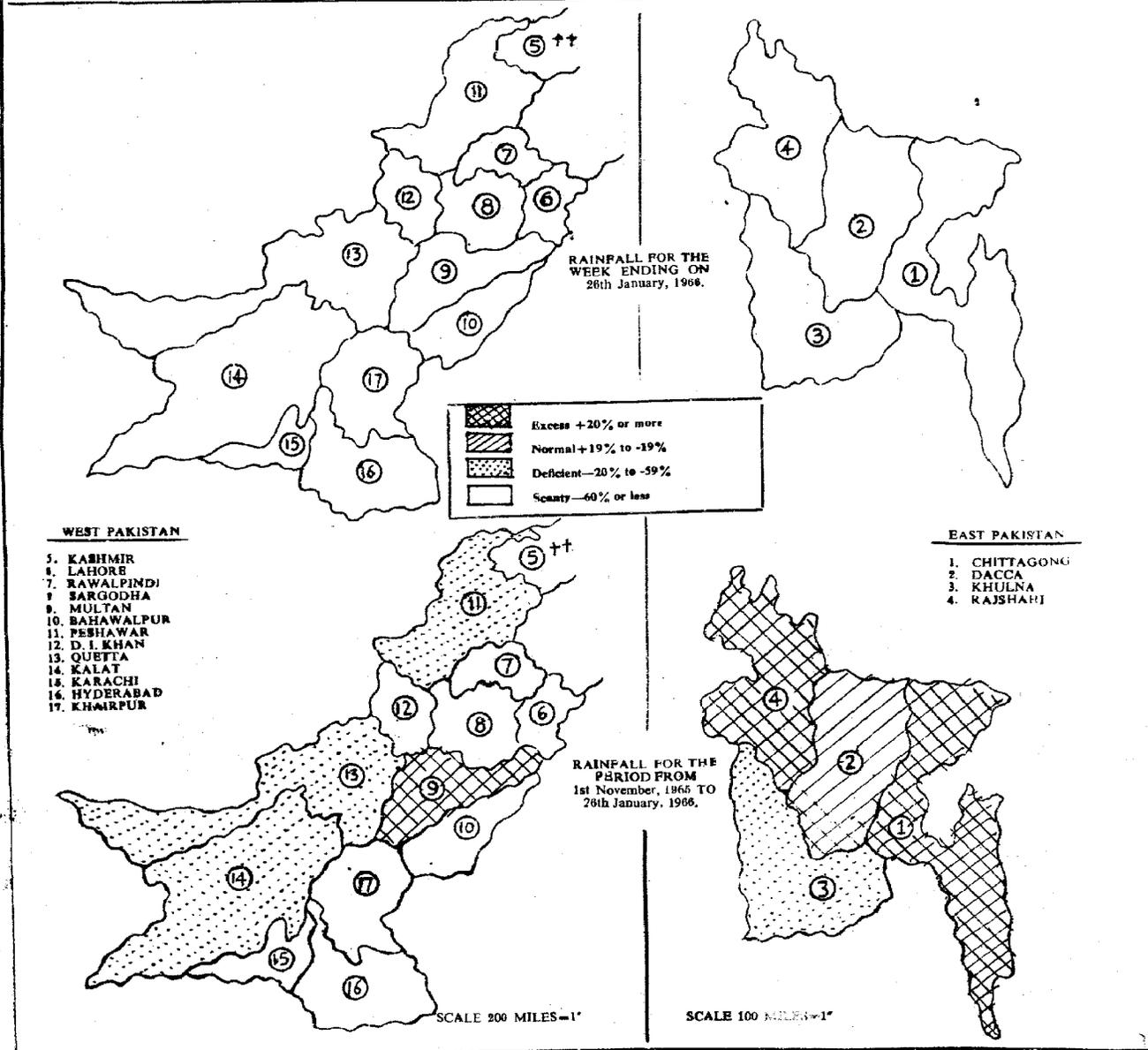
Rainfall for the period from 1st November 1965 to-date was in large excess in Chittagong and Multan divisions; in excess in Dacca and Rajshahi divisions; deficient in Khulna, Rawalpindi, Peshawar, Quetta and Kalat divisions; scanty in Lahore, Sargodha and Karachi divisions, Whereas no rainfall in Bahawalpur, D. I. Khan, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to 26th January 1966.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 26th January, 1966.			Rainfall for the Period from 1st November, 1965 to 26th January, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.1	- 0.1	3.9	2.4	+ 1.5	+ 62
2. Dacca	0	0.1	- 0.1	1.7	1.3	+ 0.4	+ 30
3. Khulna	0	0.2	- 0.2	0.7	1.5	- 0.8	- 54
4. Rajshahi	0	0.1	- 0.1	1.4	0.9	+ 0.5	+ 53
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.4	- 0.4	0	2.0	- 1.8	- 90
7. Rawalpindi	0	0.7	- 0.7	2	4.5	- 2.4	- 53
8. Sargodha	0	0.2	- 0.2	0.2	0.9	- 0.7	- 76
9. Multan	0	0.1	- 0.1	1.5	0.6	+ 0.8	+ 127
10. Bahawalpur	0	0.1	- 0.1	0	0.4	- 0.4	- 100
11. Peshawar	0	0.5	- 0.5	1.9	2.9	- 1.1	- 36
12. D. I. Khan	0	0.1	- 0.1	0	1.0	- 1.0	- 100
13. Quetta	0	0.3	- 0.3	1.3	2.0	- 0.7	- 34
14. Kalat	0	0.3	- 0.3	1.4	2.3	- 0.9	- 38
15. Karachi	0	0.1	- 0.1	0.2	1.1	- 0.9	- 86
16. Hyderabad	0	0	0	0	0.3	- 0.3	- 100
17. Khairpur	0	0.1	- 0.1	0	0.4	- 0.4	- 100
18. 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 2nd February, 1966.

---o:O:o---

SUMMARY OF WEATHER

EAST PAKISTAN: Weather remained dry over the province throughout the week. Night temperatures were appreciably above normal in Chittagong division on the first two days and were slightly so otherwise over the province throughout the week.

WEST PAKISTAN: Weather remained dry over the province throughout the week.

Night temperatures were slightly to appreciably above normal in Rawalpindi and Bahawalpur divisions on the first three days, in Lahore and Karachi divisions only on the 27th and in Peshawar and Hyderabad divisions on the 29th. These were to the same extent below normal in Multan, Quetta and Kalat divisions between the 27th and 29th and in Lahore divisions on the 30th and 31st.

2. CHITTAGONG DIVISION :

DACCA DIVISION :

KHULNA DIVISION :

RAJSHAHI DIVISION :

KASHMIR :

LAHORE DIVISION :

RAWALPINDI DIVISION :

SARGODHA DIVISION :

MULTAN DIVISION :

BAHAWALPUR DIVISION :

PESHAWAR DIVISION :

D. I. KHAN DIVISION :

QUETTA DIVISION :

KALAT DIVISION :

KARACHI DIVISION :

HYDERABAD DIVISION :

KHAIRPUR DIVISION :

JUNAGADH :

Weather remained dry during the week.

Data not available.

Weather remained dry during the week.

Data not available.

3. No rain fell during the week.

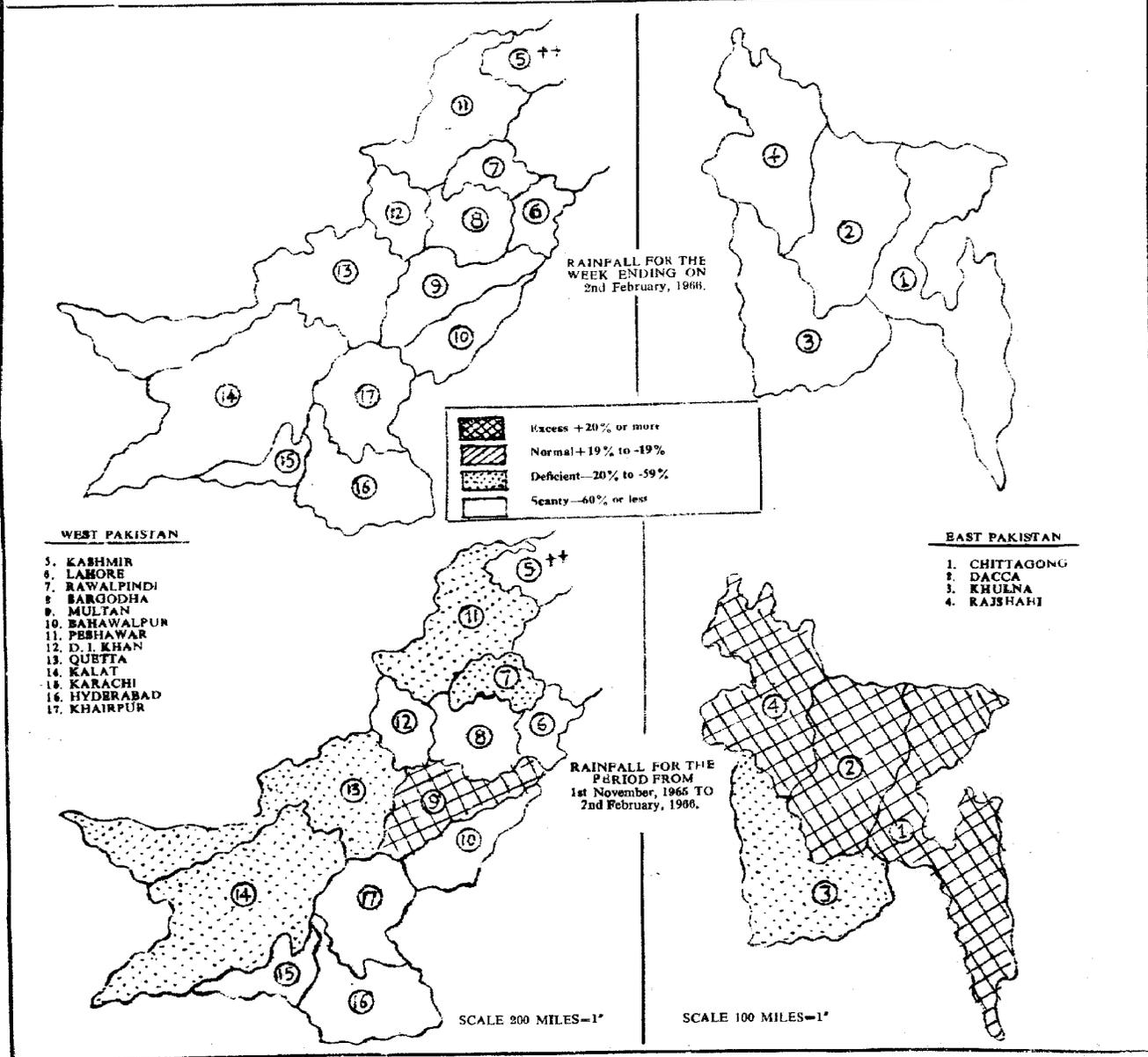
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division; in excess in Chittagong and Rajshahi divisions, normal in Dacca divisions; deficient in Khulna Peshawar, Quetta and Kalat divisions and scanty in Lahore, Rawalpindi, Sargodha and Karachi divisions. No rainfall in Bahawalpur, D. I. Khan, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 2nd February, 1966.			Rainfall for the Period from 1st November, 1965 to 2nd February, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	0	0.1	— 0.1	3.9	2.5	+ 1.4	+ 54
2. Dacca	0	0.2	— 0.2	1.7	1.5	+ 0.2	+ 14
3. Khulna	0	0.2	— 0.2	0.7	1.7	— 1.0	— 58
4. Rajshahi	0	0.2	— 0.2	1.4	1.1	+ 0.3	+ 29
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.4	— 0.4	0.2	2.3	— 2.1	— 92
7. Rawalpindi	0	1.0	— 1.0	2.1	5.4	— 3.3	— 61
8. Sargodha	0	0.1	— 0.1	0.2	1.0	— 0.8	— 79
9. Multan	0	0.1	— 0.1	1.5	0.8	+ 0.7	+ 90
10. Bahawalpur	0	0.1	— 0.1	0	0.5	— 0.5	— 100
11. Peshawar	0	0.6	— 0.6	1.9	3.5	— 1.7	— 48
12. D. I. Khan	0	0.3	— 0.3	0	1.3	— 1.3	— 100
13. Quetta	0	0.4	— 0.4	1.3	2.4	— 1.1	— 45
14. Kalat	0	0.6	— 0.6	1.4	2.9	— 1.4	— 51
15. Karachi	0	0.5	— 0.5	0.2	1.6	— 1.5	— 90
16. Hyderabad	0	0.1	— 0.1	0	0.4	— 0.4	— 100
17. Khairpur	0	0.1	— 0.1	0	0.5	— 0.5	— 100
18. 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 9th February, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: In association with the passage of a feeble western disturbance across north of the province a few falls of light rain occurred in Rajshahi division on the 6th and in Dacca division on the 7th. Weather otherwise remained dry over the province during the week.

Night temperatures were slightly to appreciably above normal over the province on the last three days, in Rajshahi division on the 4th and the 6th and in Dacca division on the 6th.

WEST PAKISTAN: A western disturbance lay over Quetta and Kalat divisions on the 5th and moved slowly across the province by the end of the week. It caused scattered to local rain or drizzle in Quetta and Kalat divisions on the 6th, in these and in Peshawar, divisions on the 7th and in Rawalpindi, Sargodha, Peshawar, D.I. Khan and Quetta divisions on the 8th.

Chief amounts of rainfall recorded were:-Quetta and Chaman 1/2" each on the 6th; Chakdara 1 1/2", Kakul 3/4", Murree, Peshawar and Bannu 1/2" each on the 8th. Jhelum 1 1/2" and Chakadara 1/2" on the 9th.

Night temperature were markedly to considerably above normal over the province throughout the week except in Lahore, Rawalpindi, Sargodha, Multan and Bahawalpur divisions on the first day and in Bahawalpur division on the 5th day when these were slightly to appreciably above normal.

2. CHITTAGONG DIVISION :	}	Weather remained mainly dry during the week.
Dacca DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :	}	Data not available.
KASHMIR :		
LAHORE DIVISION :		Weather remained dry.
RAWALPINDI DIVISION :	}	Local rain fell on two days.
SARGODHA DIVISION :		
MULTAN DIVISION :	}	Weather remained dry.
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		Local rain fell on one day and scattered on two days.
D. I. KHAN DIVISION :		Scattered rain fell on two days.
QUETTA DIVISION :		Local rainfall on one day and scattered on three days.
KALAT DIVISION :		Local and scattered rain fell on one day each.
KARACHI DIVISION :		Weather remained mainly dry.
HYDERABAD DIVISION :		Weather remained dry.
KHAIRPUR DIVISION :		Weather remained mainly dry.
JUNAGADH :		Data not available.

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

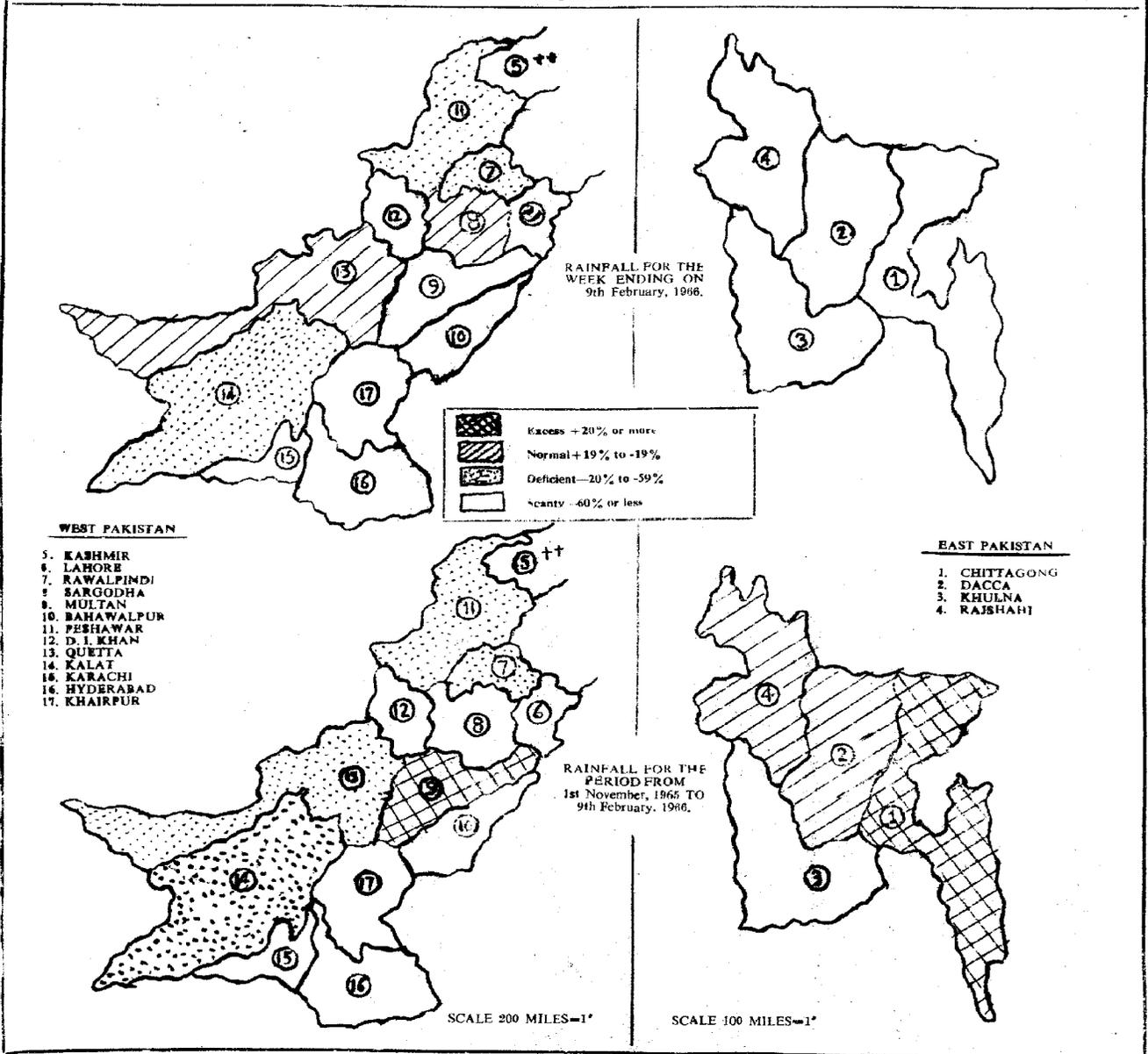
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division; in excess in Chittagong division; normal in Dacca and Rajshahi divisions; deficient in Rawalpindi, Peshawar, Quetta and Kalat divisions and scanty in Lahore, Sargodha, D.I. Khan and Karachi divisions. Whereas no rain fell in Bahawalpur, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan both for the week and for the period from 1st November, 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 9th February, 1966.			Rainfall for the Period from 1st November, 1965 to 9th February, 1966**			
	* Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	0	0.2	— 0.2	3.9	2.7	+ 1.2	+ 46
2. Dacca	0	0.2	— 0.1	1.8	1.7	+ 0.1	+ 5
3. Khulna	0	0.2	— 0.2	0.7	1.9	— 1.2	— 62
4. Rajshahi	0	0.1	— 0.1	1.4	1.2	+ 0.2	+ 17
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	— 0.3	0.2	2.7	— 2.5	— 93
7. Rawalpindi	0.5	0.8	— 0.3	2.6	6.3	— 3.6	— 58
8. Sargodha	0.2	0.2	0	0.4	1.2	— 0.8	— 66
9. Multan	0	0.1	— 0.1	1.5	0.9	+ 0.5	+ 60
10. Bahawalpur	0	0.1	— 0.1	0	0.5	— 0.5	— 100
11. Peshawar	0.3	0.6	— 0.3	2.2	4.2	— 2.0	— 48
12. D. I. Khan	0	0.2	— 0.2	0	1.6	— 1.6	— 100
13. Quetta	0.4	0.4	0	1.7	2.8	— 1.1	— 38
14. Kalat	0.3	0.4	— 0.1	1.7	3.3	— 1.6	— 48
15. Karachi	0	0.4	— 0.4	0.2	2.0	— 1.9	— 91
16. Hyderabad	0	0.1	— 0.1	0	0.5	— 0.5	— 100
17. Khairpur	0	0.1	— 0.1	0	0.6	— 0.6	— 100
18. 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 February, 1966.

---o:0:---

SUMMARY OF WEATHER

EAST PAKISTAN: A feeble western disturbance moving across sub-Himalayan West Bengal caused light rain or drizzle in Rajshahi division on the last day of the week. Weather otherwise remained dry over the province.

Night temperatures were considerably above normal in Rajshahi division on the first two days of the week and were slightly to appreciably so elsewhere over the province throughout the week.

WEST PAKISTAN: Last week's western disturbance was closely followed by another which moved to Quetta and Kalat divisions on the first day of the week. It slowly crossed the central and the northern parts of the province and moved away across Indian Punjab by the 15th. Under its influence fairly widespread to widespread rain or thundershowers with locally moderate to heavy falls occurred in Quetta division from 10th to 12th, in Lahore, Rawalpindi and Sargodha divisions between 12th and 14th, in Bahawalpur and Khairpur divisions on the 12th. Scattered to local rain or thundershowers also occurred in D.I. Khan and Kalat divisions on the 10th, in Lahore, Rawalpindi, Sargodha, D.I. Khan, Kalat, Karachi and Khairpur divisions on the 11th, in Multan, Peshawar, Kalat and Hyderabad divisions on the 12th, in Multan and Peshawar divisions on the 13th, 14th and 15th, in D.I. Khan divisions on the 14th and in Rawalpindi division on the 15th. On the last day of the week another western disturbance approached east Iran and Afghanistan and causes scattered thundershowers in Quetta division.

Chief amounts of rainfall were: Harnai $1\frac{1}{2}$ " and Chaman and Kalat $1\frac{1}{2}$ " each on 10th; Chaman $1\frac{1}{2}$ ", Hindubagh and Harnai 1" each and Fort Sandeman, Sibi and Kalat $1\frac{1}{2}$ " each on the 11th; Murree and Haripur $1\frac{1}{2}$ " each, Jhelum, Kalat and Bahawalpur 1" each, Rawalpindi $\frac{3}{4}$ " and Sialkot, Khushab, Chakdara, Loralai, Barkhan and Harnai $1\frac{1}{2}$ " each on the 12th; Rawalpindi 3", Islamabad and Murree 2" each, Lahore, Sialkot and Kakul $1\frac{1}{2}$ " each and Jhelum and Montgomery $1\frac{1}{2}$ " each on the 13th and Rawalpindi and Campbellpur 2" each, Murree $\frac{3}{4}$ ", Sialkot, Jhelum, Montgomery and Kakul $1\frac{1}{2}$ " each on the 14th.

Night temperatures were markedly to considerably above normal over the province on the first three days and appreciably so during the rest of the week.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :		
KASHMIR :		Data not available.
LAHORE DIVISION :		Rainfall was widespread on three days and scattered on one day.
RAWALPINDI DIVISION :		Widespread, local and scattered rain fell on one day each and fairly widespread on two days.
SARGODHA DIVISION :		Rainfall was fairly widespread on three days and local on one day.
MULTAN DIVISION :		Local and scattered rain fell on two days each.
BAHAWALPUR DIVISION :		Fairly widespread rain fell on one day.
PESHAWAR DIVISION :		Rainfall was local on one day and scattered on three days.
D. I. KHAN DIVISION :		Scattered rain fell on two days.
QUETTA DIVISION :		Fairly widespread rain fell on three days and scattered on one day.
KALAT DIVISION :		Local rain fell on two days and scattered on one day.
KARACHI DIVISION :	}	Rainfall was scattered on one day.
HYDERABAD DIVISION :		
KHAIRPUR DIVISION :		Fairly widespread rain fell on one day and local on another day
JUNAGADH		Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in West Pakistan outside Peshawar, D.I. Khan, Karachi and Hyderabad divisions, in excess in D.I. Khan division, deficient in Peshawar and Hyderabad divisions and scanty in Karachi division, whereas no rain fell in East Pakistan.

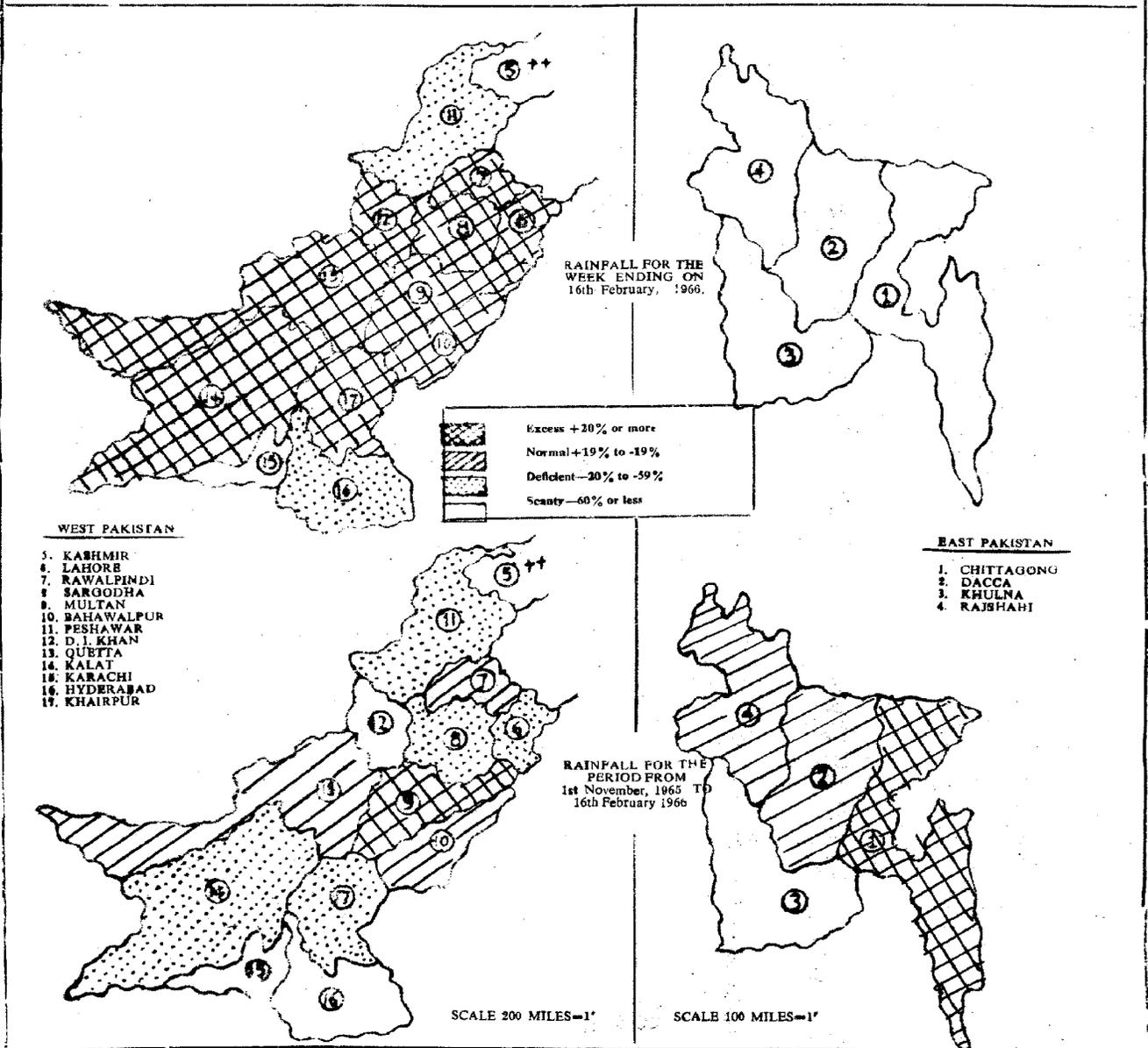
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division, in excess in Chittagong division, normal in Dacca, Rajshahi, Rawalpindi, Bahawalpur and Quetta divisions, deficient in Lahore, Sargodha, Peshawar, Kalat and Khairpur divisions and scanty in Khulna, D.I. Khan, Karachi and Hyderabad divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 16th February, 1966.			Rainfall for the Period from 1st November, 1965 to 16th February, 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Per- Cent
1. Chittagong	0	0.3	- 0.3	3.9	2.9	+ 0.9	+ 32
2. Dacca	0	0.3	- 0.3	1.8	2.0	- 0.2	- 11
3. Khulna	0	0.3	- 0.3	0.7	2.2	- 1.5	- 67
4. Rajshahi	0	0.2	- 0.2	1.4	1.4	0	0
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	1.8	0.3	+ 1.5	2.0	3.0	- 1.0	- 33
7. Rawalpindi	5.0	0.7	+ 4.3	7.6	6.9	+ 0.7	+ 10
8. Sargodha	0.7	0.2	+ 0.5	1.1	1.4	+ 0.4	+ 25
9. Multan	0.7	0.1	+ 0.5	2.1	1.1	+ 1.1	+ 103
10. Bahawalpur	0.7	0.1	+ 0.6	0.7	0.6	- 0.1	+ 8
11. Peshawar	0.4	0.9	- 0.4	2.6	5.0	- 2.4	- 48
12. D. I. Khan	0.3	0.3	+ 0.1	0.6	1.8	- 1.2	- 68
13. Quetta	1.2	0.4	+ 0.8	3.0	3.2	- 0.3	- 9
14. Kalat	0.8	0.4	+ 0.3	2.5	3.7	- 1.2	- 33
15. Karachi	0.1	0.2	- 0.1	0.2	2.2	- 2.0	- 90
16. Hyderabad	0.1	0.1	0	0.1	0.6	- 0.5	- 90
17. Khairpur	0.3	0	+ 0.2	0.3	0.6	- 0.4	- 57
18. 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 February 1966.

---o:0:o---

SUMMARY OF WEATHER

EAST PAKISTAN: A westerly low pressure wave moving across sub-Himalyan West Bengal caused scattered light rain or drizzle Chittagong division on the 17th. Weather otherwise, remained dry over the province during the week.

Night temperatures were slightly to appreciably above normal over the province during the first four days of the week and in Khulna and Rajshahi divisions on the sixth days. These were slightly below normal in Chittagong division on the fifth day.

WEST PAKISTAN: Last week's western disturbance which lay over Afghanistan moved away rapidly northeastwards across the northern divisions of the province and caused scattered rain in Quetta division and isolated thunderstorm in Peshawar division on the first day of the week.

A fresh western disturbance appeared over Afghanistan and adjoining Quetta division on the 20th with its associated trough extended to Khairpur division. It slowly moved away northeastwards across the province by the end of the week. Under its influence rain or thundershowers were widespread in Lahore division, fairly widespread in Rawalpindi and Sargodha divisions, local in Multan and Peshawar divisions and scattered in D.I. Khan and Quetta divisions on the 21st. Local rain or thundershowers also occurred in Rawalpindi and Peshawar divisions on the 22nd and in Quetta division on the 23rd and scattered in Peshawar, D.I. Khan and Quetta divisions on the 20th and in Kalat division on the 23rd.

Chief amounts of rainfall recorded were: Cherat, Haripur and Sialkot 2" each, Islamabad, Rawalpindi, Chakdara and Peshawar 1½" each and Kakul and Bannu 1" each on the 21st; Haripur 2" and Murree 1½" on the 22nd and Harnai and Dalbandin 1" each on the 23rd.

Night temperatures were appreciably to markedly above normal over the province throughout the week except in Rawalpindi, Multan and Lahore divisions on the 22nd when these were slightly below normal.

2. CHITTAGONG DIVISION :	Weather remained dry.
DACCA DIVISION :	} Weather remained dry during the week.
KHULNA DIVISION :	
RAJSHAHI DIVISION :	
KASHMIR :	Data not available.
LAHORE DIVISION :	Rainfall was widespread on one day.
RAWALPINDI DIVISION :	Rainfall was fairly widespread and local on one day each.
SARGODHA DIVISION :	Fairly widespread rain fell on one day.
MULTAN DIVISION :	Rainfall was local on one day.
BAHAWALPUR DIVISION :	Weather remained mainly dry during the week.
PESHAWAR DIVISION :	Rainfall was local on two days and scattered on one day.
D. I. KHAN DIVISION :	Scattered rain fell on two days.
QUETTA DIVISION :	Local rain fell on one day and scattered on three days.
KALAT DIVISION :	Rainfall was scattered on one day.
KARACHI DIVISION :	} Weather remained dry during the week.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Lahore, Rawalpindi, Sargodha, Multan, Peshawar and Quetta divisions and deficient in Kalat division and scanty in D.I. Khan division. No rain fell in East Pakistan and in Bahawalpur, Karachi, Hyderabad and Khairpur divisions.

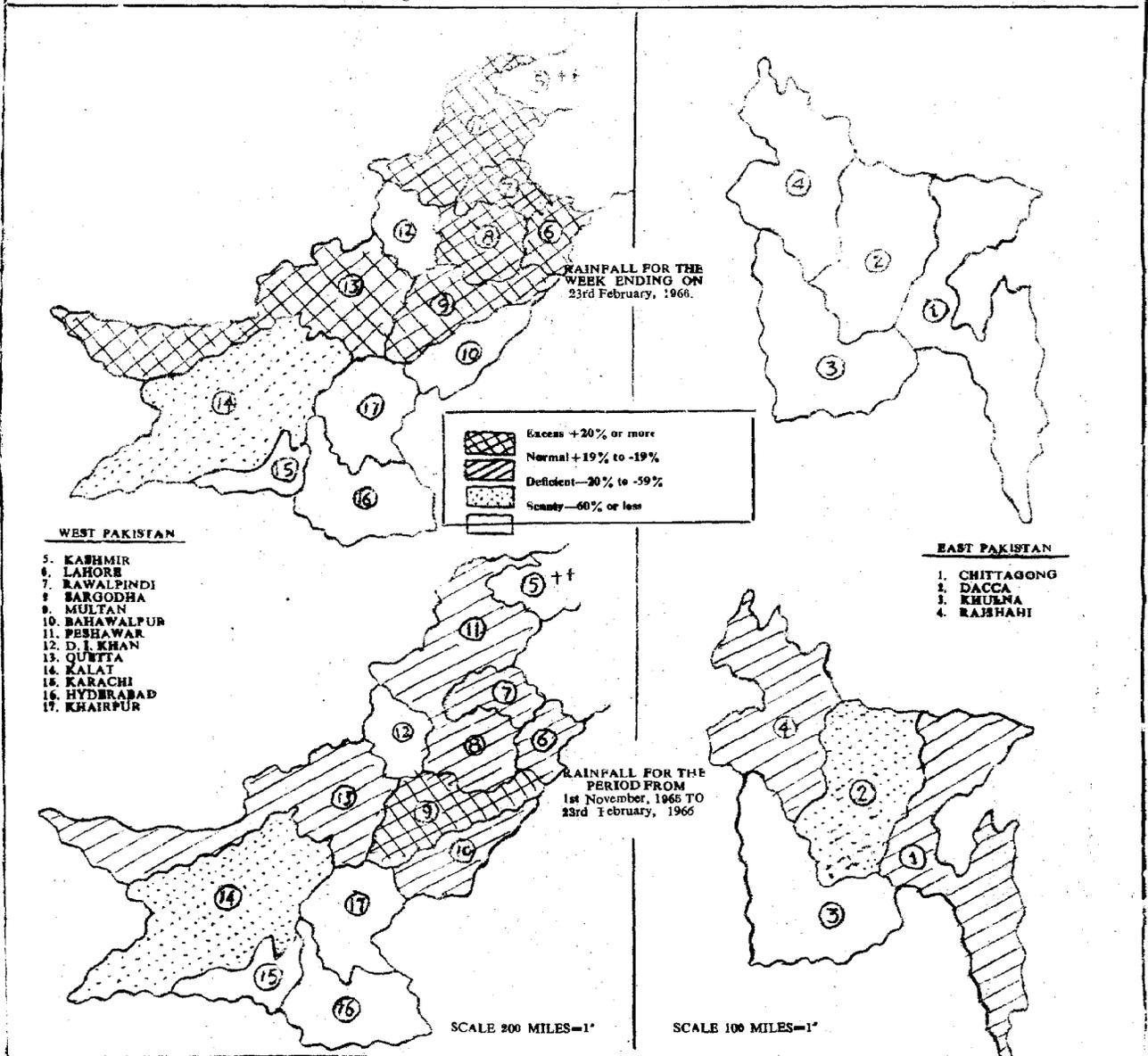
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division, normal in Chittagong, Rajshahi, Lahore, Rawalpindi, Sargodha, Bahawalpur, Peshawar and Quetta divisions, deficient in Dacca and Kalat divisions and scanty in Khulna, D.I. Khan, Karachi, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 23rd February, 1966.			Rainfall for the Period from 1st November, 1965 to 23rd February, 1966.			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.4	- 0.4	3.9	3.3	+ 0.6	+ 17
2. Dacca	0	0.3	- 0.3	1.8	2.3	- 0.5	- 24
3. Khulna	0	0.3	- 0.3	0.7	2.5	- 1.8	- 72
4. Rajshahi	0	0.2	- 0.2	1.4	1.6	- 0.2	- 12
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	1.1	0.3	+ 0.7	3.1	3.3	- 0.3	- 7
7. Rawalpindi	1.6	0.9	+ 0.7	9.3	7.9	+ 1.4	+ 18
8. Sargodha	0.3	0.2	+ 0.1	1.4	1.6	- 0.2	- 14
9. Multan	0.2	0.1	+ 0.1	2.3	1.1	+ 1.2	+ 104
10. Bahawalpur	0	0.1	- 0.1	0.7	0.7	0	- 3
11. Peshawar	2.1	0.5	+ 1.6	4.7	5.5	- 0.8	- 15
12. D. I. Khan	0	0.5	- 0.5	0.6	2.3	- 1.7	- 75
13. Quetta	0.8	0.3	+ 0.5	3.7	3.5	+ 0.3	+ 7
14. Kalat	0.2	0.3	- 0.1	2.6	4.0	- 1.4	- 34
15. Karachi	0	0.3	- 0.3	0.2	2.5	- 2.3	- 91
16. Hyderabad	0	0.1	- 0.1	0.1	0.7	- 0.6	- 91
17. Khairpur	0	0.1	- 0.1	0.3	0.7	- 0.4	- 61
18. 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 2nd March, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: A feeble western disturbance while moving across sub-Himalayan West Bengal and Assam caused scattered thunderstorms or showers in Chittagong division on the last two days of the week. Srimangal recorded $1\frac{1}{2}$ " of rainfall on the last day. Weather, otherwise, remained dry over during the week.

Night temperatures were slightly to appreciably above normal over the province throughout the week.

WEST PAKISTAN: A western disturbance approached Quetta division on the first day of the week and moved away northeastwards across central and northern divisions of the province by the 27th. Under its influence rain or thundershowers were widespread in Lahore and Sargodha divisions on the 26th, fairly widespread in Quetta division on the 25th, local in Rawalpindi and Peshawar divisions on the 26th and scattered in Quetta and Kalat divisions on the 24th and the 26th and in Kalat division on the 25th. Light rain or drizzle also fell at a number of places in Peshawar division on the 25th and at a few places in Rawalpindi division on the same day and in Lahore, Rawalpindi, Sargodha, Multan and Peshawar divisions on the 27th.

Chief amounts of rainfall recorded were: Pasni $1\frac{1}{2}$ " on the 24th; Hindubagh and Harnai 1" each on the 25th and Lyallpur 2", Sialkot $1\frac{1}{2}$ " and Murree 1" on the 26th.

Night temperatures were markedly above normal in Quetta, Kalat and Khairpur divisions on the first day of the week and in Quetta division only on the last day. These were slightly to appreciably above normal/over the province/elsewhere throughout the week.

2. CHITTAGONG DIVISION :	Scattered rain fall on one day.
DACCA DIVISION :	} No rain fell during the week.
KHULNA DIVISION :	
RAJSHAHI DIVISION :	
KASHMIR :	Data not available.
LAHORE DIVISION :	Rainfall was widespread on one day.
RAWALPINDI DIVISION :	Fairly widespread rain fell on one day.
SARGODHA DIVISION :	Widespread rain fell on one day.
MULTAN DIVISION :	} Weather remained mainly dry during the week.
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Rainfall was local on one day and scattered on another day.
D. I. KHAN DIVISION :	Weather remained dry.
QUETTA DIVISION :	Fairly widespread rain fell on one day and scattered on two days.
KALAT DIVISION :	Rainfall was local on one day and scattered on two days.
KARACHI DIVISION :	} Weather remained dry during the week.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGDH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Lahore, Sargodha and Quetta divisions, in excess in Peshawar and Kalat divisions, normal in Rawalpindi division, deficient in Chittagong division whereas no rain fell elsewhere in the country.

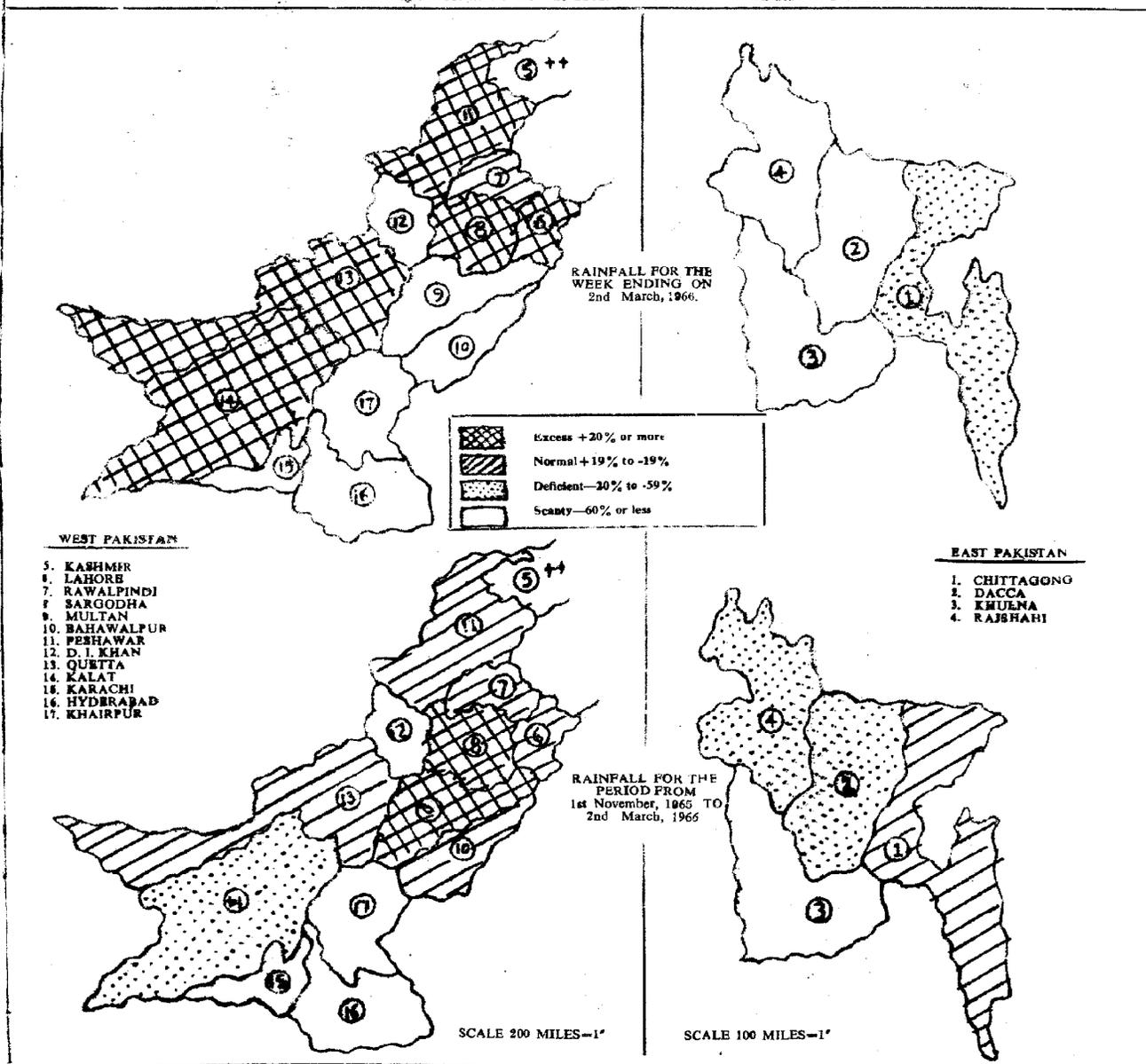
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division, in excess in Sargodha division, normal in Chittagong, Lahore, Rawalpindi, Bahawalpur, Peshawar and Quetta divisions, deficient in Dacca, Rajshahi and Kalat divisions and scanty elsewhere in the country.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November, 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 2nd March, 1966.			Rainfall for the Period from 1st November, 1965 to 2nd March, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.3	0.4	- 0.1	4.2	3.7	+ 0.5	+ 13
2. Dacca	0	0.3	- 0.3	1.8	2.7	- 0.9	- 33
3. Khulna	0	0.3	- 0.3	0.7	2.8	- 2.1	- 75
4. Rajshahi	0	0.2	- 0.2	1.4	1.8	- 0.4	- 22
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.9	0.3	+ 0.6	4.0	3.7	+ 0.3	+ 9
7. Rawalpindi	0.8	0.9	+ 0.1	10.1	8.8	+ 1.3	+ 14
8. Sargodha	1.1	0.2	- 0.9	2.5	1.8	+ 0.7	+ 38
9. Multan	0	0.1	- 0.1	2.3	1.2	+ 1.1	+ 99
10. Bahawalpur	0	0.1	- 0.1	0.7	0.7	- 0.1	- 11
11. Peshawar	0.4	0.3	+ 0.1	5.1	5.9	- 0.7	+ 12
12. D. I. Khan	0	0.5	- 0.5	0.6	2.8	- 2.3	- 80
13. Quetta	0.6	0.3	+ 0.3	4.3	3.8	+ 0.6	+ 15
14. Kalat	0.2	0.1	0	2.8	4.1	- 1.3	- 32
15. Karachi	0	0.3	- 0.3	0.2	2.8	- 2.6	- 92
16. Hyderabad	0	0.1	- 0.1	0.1	0.7	- 0.7	- 92
17. Khairpur	0	0.1	- 0.1	0.3	0.8	- 0.5	- 65
18. 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 9th March, 1966.

---o:O:o---

SUMMARY OF WEATHER

EAST PAKISTAN: A low pressure area which lay over West Bengal and Chota Nagpur on the 5th moved away east-northeastwards across the northern parts of East Pakistan by the 7th. Under its influence scattered thunderstorms or light showers occurred over the province outside Khulna division on the 6th and local rain or thundershowers in Chittagong division on the next day. Srimangal recorded $1\frac{1}{8}$ " rain on the 7th.

Night temperatures were slightly to appreciably above normal over the whole province on the 6th and in Chittagong and Rajshahi divisions on the 7th. These were slightly below normal over the province during the last two days of the week.

WEST PAKISTAN: An active western disturbance lay over the western divisions of the province and adjoining Afghanistan on the first day of the week. It moved to Kashmir and adjoining northeastern parts of West Pakistan on the 5th and thereafter passed off northeastwards. In its association local to fairly widespread rain or thundershowers occurred in Peshawar and Rawalpindi divisions on the 4th and 5th and centered in Quetta and D.I. Khan divisions respectively on 3rd and 4th. In association with the passage of the same western disturbance, steep pressure gradient developed over the central and southern divisions of the province between the 3rd and 5th and widespread dust haze and dust raising winds were reported from these divisions. Local duststorms also occurred in Quetta, Khairpur and Hyderabad divisions during the last two days.

Chief amounts of rainfall recorded were: Landikotal 3" and Peshawar 1/2" each on the 4th and Kakul 3/4" and Islamabad, Murree, Rawalpindi, Chakdara, Haripur and Landikotal 1/2" each on the 5th.

Night temperatures were slightly above normal practically over the whole province on the 3rd and in Lahore, Rawalpindi, and Sargodha divisions on the 4th. These were slightly to appreciably below normal over the whole province on the 6th and mainly in the northern and central divisions during the last three days.

2. CHITTAGONG DIVISION :	Local rain fell on one day.
DACCA DIVISION :	Scattered rain fell on one day.
KHULNA DIVISION :	Weather remained dry.
RAJSHAHI DIVISION :	Scattered rain fell on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained dry.
RAWALPINDI DIVISION :	Fairly widespread, rain fell on two days.
SARGODHA DIVISION :	} Weather remained dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Local rain fell on two days.
D. I. KHAN DIVISION :	} Scattered rain fell on one day.
QUETTA DIVISION :	
KALAT DIVISION :	} Weather remained dry.
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	} Data not available.
JUNAGADH	

3. Based on the data of stations having normals, the week's rainfall was normal in Rawalpindi division, deficient in Chittagong and Peshawar divisions and scanty in Dacca, Rajshahi, D. I. Khan and Quetta divisions whereas no rain fell elsewhere over the country.

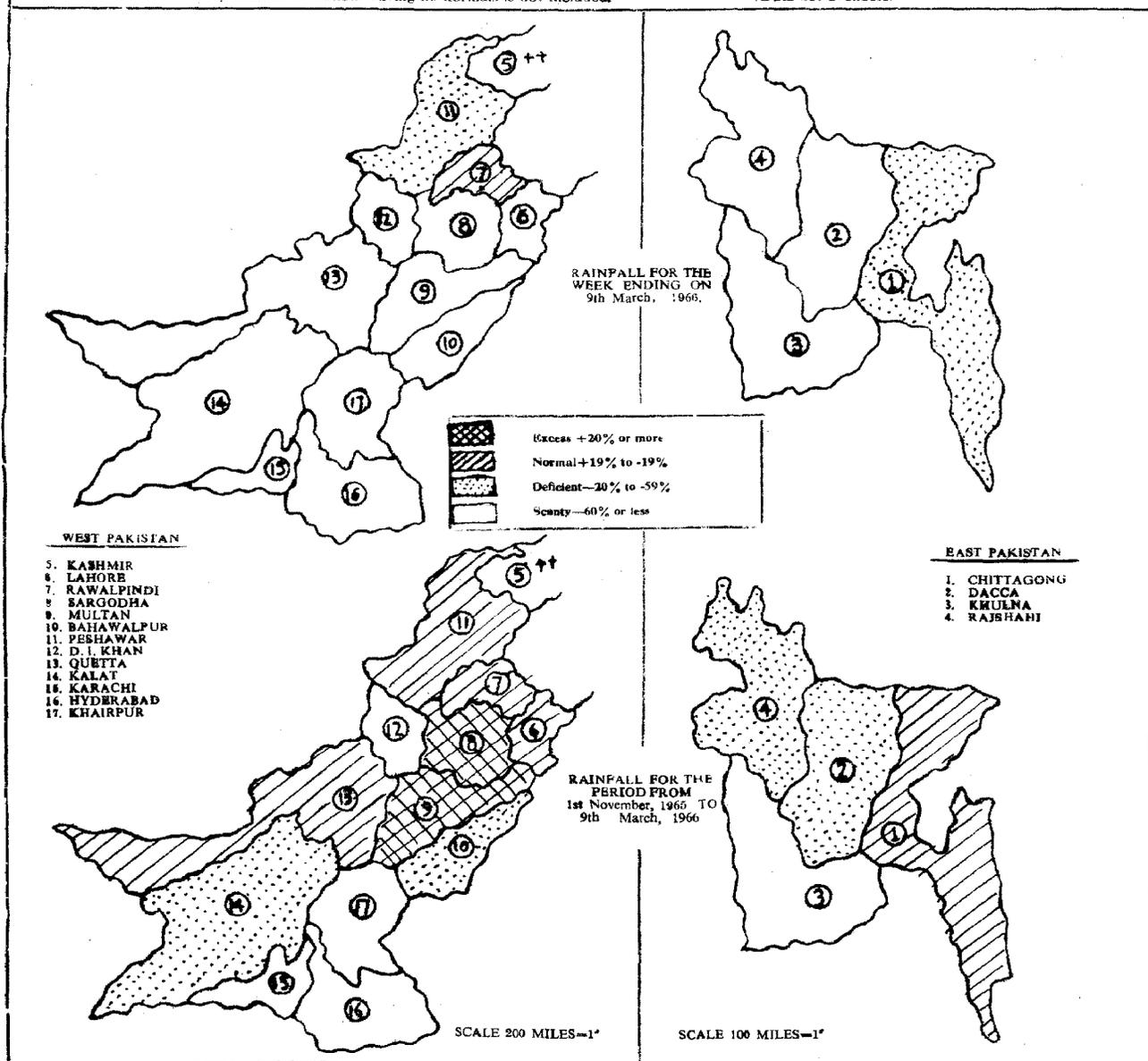
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division, in excess in Sargodha division, normal in Chittagong, Lahore, Rawalpindi, Peshawar, and Quetta divisions, deficient in Dacca, Rajshahi, Bahawalpur and Kalat divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 9th March, 1966.			Rainfall for the Period from 1st November, 1965 to 9th March, 1966.			
	Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.3	0.6	— 0.3	4.5	4.3	+ 0.2	+ 5
2. Dacca	0.1	0.3	— 0.3	1.8	3.0	— 1.2	— 40
3. Khulna	0	0.3	— 0.3	0.7	3.2	— 2.5	— 78
4. Rajshahi	0	0.2	— 0.2	1.4	2.0	— 0.6	— 29
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	— 0.3	4.0	4.0	0	— 1
7. Rawalpindi	0.8	0.8	— 0.1	1.08	9.6	+ 1.2	+ 14
8. Sargodha	0	0.2	— 0.2	2.5	2.0	+ 0.5	+ 24
9. Multan	0	0.1	— 0.1	2.3	1.4	+ 0.9	+ 70
10. Bahawalpur	0	0.1	— 0.1	0.7	0.9	— 0.2	— 23
11. Peshawar	0.4	0.8	— 0.3	5.6	6.6	— 1.1	— 16
12. D. I. Khan	0	0.3	— 0.3	0.6	3.1	— 2.5	— 81
13. Quetta	0	0.3	— 0.3	4.4	4.1	+ 0.3	+ 8
14. Kalat	0	0.1	— 0.1	2.8	4.2	— 1.4	— 34
15. Karachi	0	0.1	— 0.1	0.2	2.9	— 2.7	— 92
16. Hyderabad	0	0.1	— 0.1	0.1	0.8	— 0.7	— 92
17. Khairpur	0	0.1	— 0.1	0.3	0.9	— 0.6	— 71
18. 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 March, 1966.

---o:O:o---

SUMMARY OF WEATHER

EAST PAKISTAN: Weather remained dry and the night temperatures remained slightly below normal throughout the week.

WEST PAKISTAN: A western disturbance lying over Quetta and Multan divisions on the last day of the week caused scattered light rain in the former division. Fort Sandeman recorded 1/4" rain on the 16th. Weather was otherwise dry over the province during the week.

Night temperatures were slightly above normal in Quetta and Peshawar divisions on the 11th and 12th, in Rawalpindi, Multan, Bahawalpur and D.I. Khan divisions on the 13th and slightly to appreciably so practically over the whole province during the last three days of the week.

2. CHITTAGONG DIVISION :	}	Weather remained dry.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :	}	Data not available.
KASHMIR :		
LAHORE DIVISION :		Weather remained dry.
RAWALPINDI DIVISION :		Weather remained mainly dry.
SARGODHA DIVISION :	}	Weather remained dry.
MULTAN DIVISION :		
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		Weather remained mainly dry.
D. I. KHAN DIVISION :		Weather remained dry.
QUETTA DIVISION :		Scattered rain fell on one day.
KALAT DIVISION :	}	Weather remained dry.
KARACHI DIVISION :		
HYDERABAD DIVISION :		
KHAIRPUR DIVISION :		
JUNAGDH :		Data not available.

3. Based on the data of stations having normals, the week's rainfall scanty in Quetta division whereas weather remained dry elsewhere over the country.

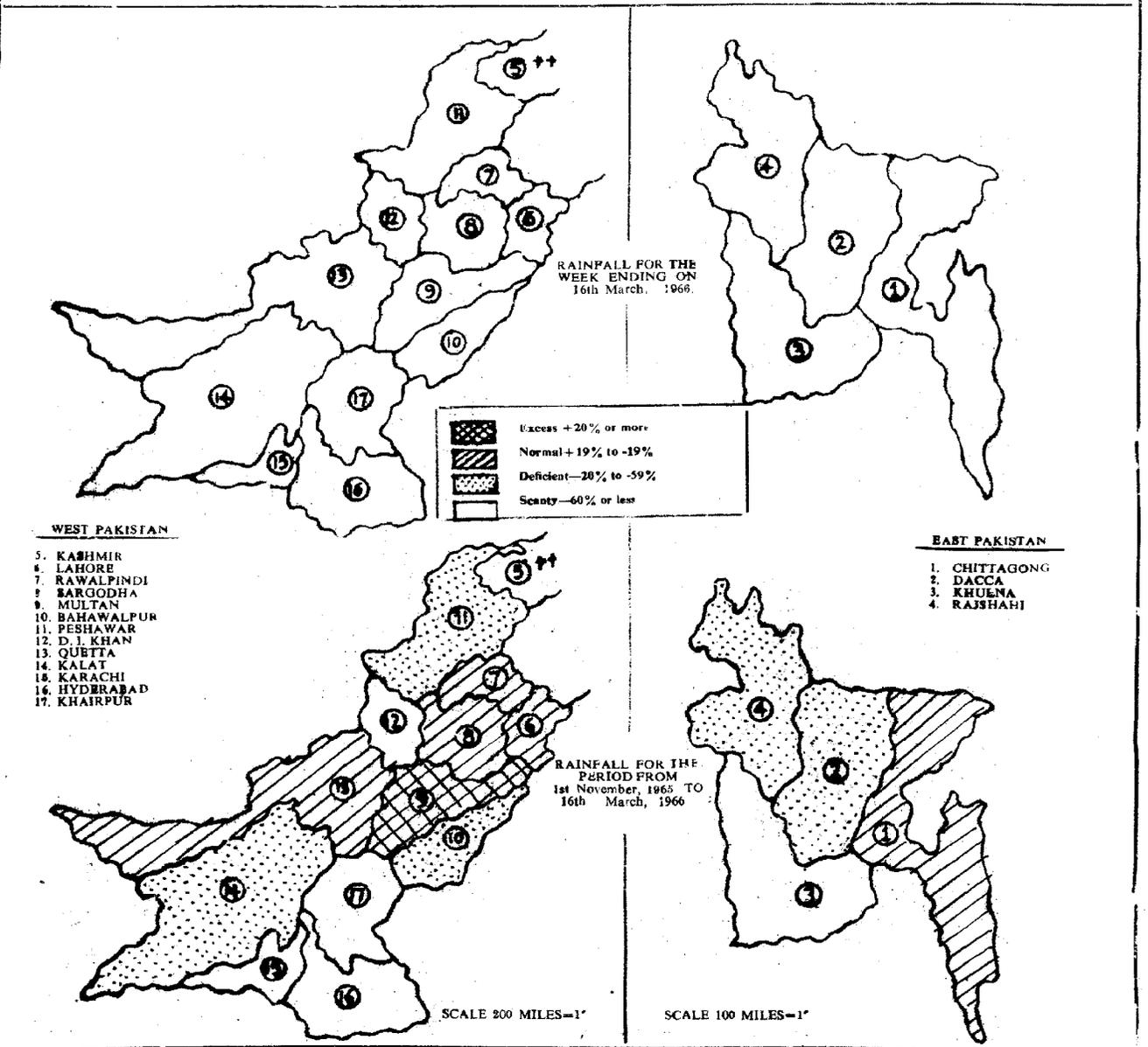
Rainfall for the period from 1st November 1965 to-date was in excess in Multan division, normal in Chittagong, Lahore, Rawalpindi, Sargodha and Quetta divisions, deficient in Dacca, Rajshahi, Bahawarpur, Peshawar and Kalat divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November, 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 16th March, 1966.			Rainfall for the Period from 1st November, 1965 to 16th March, 1966			
	Actual	Normal	*Excess or defect	Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.5	-0.5	4.5	4.8	-0.3	-5
2. Dacca	0	0.5	-0.5	1.8	3.5	-1.7	-48
3. Khulna	0	0.4	-0.4	0.7	3.6	-2.9	-80
4. Rajshahi	0	0.2	-0.2	1.4	2.2	-0.7	+35
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	-0.3	4.0	4.3	-0.3	-8
7. Rawalpindi	0	0.9	-0.9	1.06	10.5	+0.1	+3
8. Sargodha	0	0.2	-0.2	2.5	2.2	+0.3	+11
9. Multan	0	0.1	-0.1	2.3	1.5	+0.8	+58
10. Bahawalpur	0	0.1	-0.1	0.7	1.0	-0.3	-33
11. Peshawar	0	0.1	-0.1	5.6	7.7	-2.1	-27
12. D. I. Khan	0	0.4	-0.4	0.6	3.5	-2.9	-83
13. Quetta	0	0.4	-0.3	4.5	5.0	-0.5	-11
14. Kalat	0.1	0.3	-0.3	2.8	4.5	-1.7	-38
15. Karachi	0	0.1	-0.1	0.2	3.0	-2.8	-93
16. Hyderabad	0	0.1	-0.1	0.1	0.9	-0.8	-93
17. Khairpur	0	0.1	-0.1	0.3	0.9	-0.7	-71
18. 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 March 1966.

—o—o—o—

SUMMARY OF WEATHER

EAST PAKISTAN: A western disturbance moved northeastwards across the province during the middle of the week. Under its influence widespread rain or thundershowers occurred in Chittagong division and local elsewhere over the province on the 21st, local in Chittagong division and scattered in Dacca and Rajshahi divisions on the 20th. A few thunderstorms or light showers also occurred over the province outside Khulna division on the 19th. Weather, otherwise, remained dry over the province during the rest of the week.

Chief amounts of rainfall recorded were:- Cox's Bazar 2" and Srimangal 1" on the 20th and Brahmanbaria 2", Chittagong 1½" and Rangamati and Comilla 1" each on the 21st.

Day temperatures were slightly to appreciably above normal over the province on the second and third day of the week and were below normal to the same extent over the province on the fourth day and in Chittagong division on the last two days of the week.

WEST PAKISTAN: Last week's western disturbance which lay over Multan division on the first day of the week moved away northeastwards by the third day. Under its influence fairly widespread to widespread rain or thundershowers occurred in Lahore, Rawalpindi, Sargodha, Multan and Peshawar divisions on the 1st, in the first two named divisions on the 19th and scattered to local in Rawalpindi, Multan, Peshawar and Quetta divisions on the 17th, in D. I. Khan division on the 18th and in Peshawar division on the 19th. A few falls of light rain also occurred in Khairpur division on the 17th.

Another western disturbance moving in close succession appeared over D. I. Khan division on the 19th and moved away northeastwards across the northern divisions of the province by the end of the week. Under its influence fairly widespread rain or thundershowers occurred in Peshawar and Rawalpindi divisions on the 22nd, local in Peshawar division on the 21st and in Rawalpindi division on the 23rd and scattered in D. I. Khan and Quetta divisions on the 22nd and in the last named division on the 23rd.

Chief amounts of rainfall recorded were: Drosh 2", Peshawar 1", Landikotal ¾" on the 17th; Landikotal 2", Chakdara, Peshawar, Cherat and Haripur 1½" each and Parachinar ¾" on the 18th; Murree and Kakul 1½" each and Islamabad and Rawalpindi 1" each on the 19th; Parachinar 1½" and Landikotal 1" on the 21st and Parachinar and Kakul 1½" each, Murree 1" and Haripur and Landikotal ¾" each on the 22nd.

Day temperatures were markedly considerably below normal in Rawalpindi and Peshawar divisions on the 19th and were slightly to appreciably so elsewhere over the province during the first three days and in the northern divisions on the fourth day. These were to the same extent above normal in Quetta, Kalat and Hyderabad divisions on the 20th and 21st and over Multan, D. I. Khan, Quetta, Bahawalpur and Khairpur divisions on the 22nd.

2. CHITTAGONG DIVISION :	widespread and local rain fell on one day each.
DACCA DIVISION :	} Local rain fell on one day.
KHULNA DIVISION :	
RAJSHAHI DIVISION :	Scattered rain fell on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Widespread rain fell on two days.
RAWALPINDI DIVISION :	Fairly widespread rain fell on three days and local and scattered on one day each.
SARGODHA DIVISION :	Fairly widespread rain fell on one day.
MULTAN DIVISION :	Fairly widespread and local rain fell on one day each.
BAHAWALPUR DIVISION :	Weather remained mainly dry.
PESHAWAR DIVISION :	Fairly widespread and local rain fell on two days each and scattered on one day.
D. I. KHAN DIVISION :	Local and scattered rain fell on one day each.
QUETTA DIVISION :	Rainfall was local on one day and scattered on two days.
KALAT DIVISION :	Weather remained mainly dry.
KARACHI DIVISION :	} Weather remained mainly dry.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	Weather remained dry.
JUNAGDH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Chittagong, Lahore, Rawalpindi, Multan, and Peshawar divisions, in excess in Khairpur division, normal in Rajshahi and Sargodha divisions, deficient in Khulna, Bahawalpur and Quetta divisions and scanty in D. I. Khan and Kalat divisions whereas no rain fell elsewhere over the country.

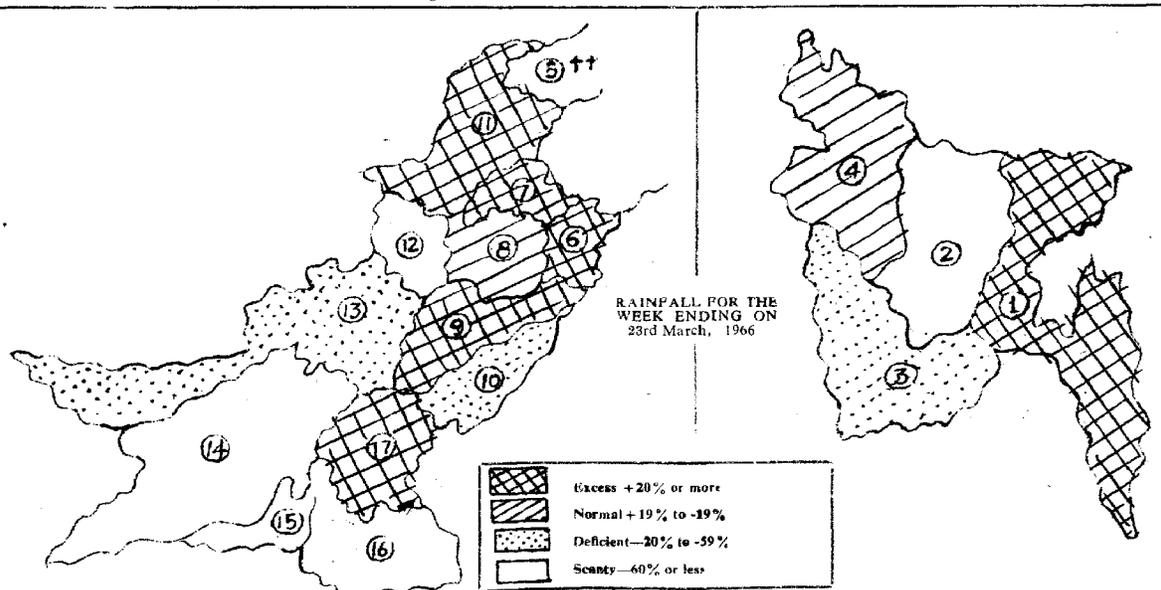
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division in excess in Rawalpindi division, normal in Chittagong, Lahore, Sargodha, Peshawar and Quetta divisions, deficient in Rajshahi, Bahawalpur and Kalat divisions and scanty elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

WEEKLY WEATHER REPORT

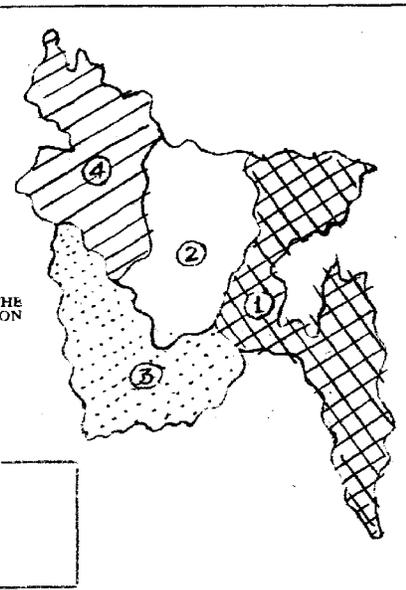
DIVISION.	Rainfall for week ending 23rd March, 1966.			Rainfall for the Period from 1st November, 1965 to 23rd March, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	1.9	0.6	+ 1.3	6.5	5.4	+ 1.1	+ 19
2. Dacca	0	0.5	- 0.5	1.8	4.0	- 2.2	- 55
3. Khulna	0.3	0.4	- 0.2	1.9	4.0	- 3.0	- 76
4. Rajshahi	0.2	0.2	0	1.6	2.4	- 0.8	- 33
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.6	0.2	+ 0.4	4.6	4.5	+ 0.1	+ 1
7. Rawalpindi	3.0	0.8	+ 2.2	13.8	11.3	+ 2.5	+ 22
8. Sargodha	0.2	0.2	0	2.7	2.4	+ 0.2	+ 10
9. Multan	0.2	0.1	+ 0.2	2.5	1.5	+ 1.0	+ 65
10. Bahawalpur	0	0.1	0	0.7	1.1	+ 0.4	- 35
11. Peshawar	2.3	0.7	+ 1.5	7.9	8.4	- 0.6	- 7
12. D. I. Khan	0.1	0.4	- 0.4	0.7	4.0	- 3.3	- 84
13. Quetta	0.2	0.3	- 0.1	4.6	5.3	- 0.7	- 13
14. Kalat	0	0.2	- 0.2	2.9	4.7	- 1.9	- 40
15. Karachi	0	0	0	0.2	3.0	- 2.8	- 93
16. Hyderabad	0	0	0	0.1	0.9	- 0.8	- 93
17. Khairpur	0.1	0	0	0.3	1.0	- 0.7	- 67
18. 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.



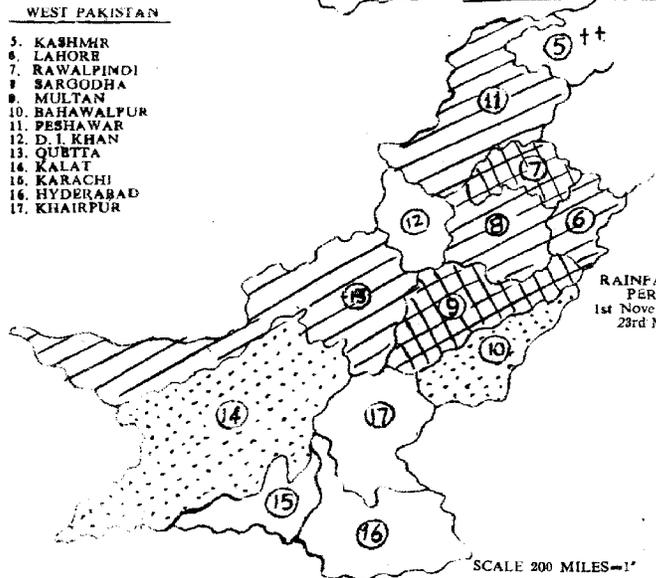
WEST PAKISTAN

- 5. KASHMIR
- 6. LAHORE
- 7. RAWALPINDI
- 8. SARGODHA
- 9. MULTAN
- 10. BAHAWALPUR
- 11. PESHAWAR
- 12. D. I. KHAN
- 13. QUETTA
- 14. KALAT
- 15. KARACHI
- 16. HYDERABAD
- 17. KHAIRPUR



EAST PAKISTAN

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



SCALE 200 MILES=1"



SCALE 100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 30th March, 1966.

---o:0---

SUMMARY OF WEATHER

EAST PAKISTAN : Weather remained dry and temperatures remained slightly to appreciably above normal over the province throughout the week except in Chittagong division where these were to the same extent below normal on the 24th and 29th.

WEST PAKISTAN : A westerly disturbance approached Afghanistan and adjoining West Pakistan on the first day of the week and moved away across the central and northern divisions of the province by the 28th. Under its influence fairly widespread to widespread rain or thundershowers occurred in Rawalpindi and Peshawar divisions with locally heavy falls in the latter on the 26th and the 27th and in Sargodha division on the 27th and scattered to local in Quetta division on the 24th, in Rawalpindi, Sargodha, Peshawar, D.I. Khan, Quetta, Kalat and Karachi divisions on the 25th, in D.I. Khan and Quetta divisions on the 26th and the 27th and in Peshawar division on the 28th.

Chief amounts of rainfall recorded were: Drosh 3", Chakdara and Landikotal 1½" each, Cherat, Parachinar and Harnai 1" each on the 26th and Landikotal 4", Haripur 2", Kakul and Drosh 1½" and Peshawar and Cherat 1" each on the 27th.

Day temperatures were markedly to considerably below normal in Peshawar, Quetta and Kalat divisions on the 26th and the 27th and were slightly to appreciably so elsewhere over the province throughout the week except on the last day when these were slightly to appreciably above normal in Peshawar, Quetta and Kalat divisions.

2. CHITTAGONG DIVISION :

DACCA DIVISION :

KHULNA DIVISION :

RAJSHAHI DIVISION :

KASHMIR :

LAHORE DIVISION :

RAWALPINDI DIVISION :

SARGODHA DIVISION :

MULTAN DIVISION :

BAHAWALPUR DIVISION :

PESHAWAR DIVISION :

D. I. KHAN DIVISION :

QUETTA DIVISION :

KALAT DIVISION :

KARACHI DIVISION :

HYDERABAD DIVISION :

KHAIRPUR DIVISION :

JUNAGADH

Weather remained dry.

Data not available.

Weather remained dry.

Fairly widespread rain fell on two days and scattered on one day.

Fairly widespread rain fell on one day and local on another day.

Weather remained mainly dry.

Weather remained dry.

Widespread and fairly widespread rain fell on one day each and local on two days.

Local rain fell on one day and scattered on two days.

Local and scattered rain fell on two days each.

Local rain fell on one day.

Scattered rain fell on one day.

Weather remained dry.

Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Sargodha, Peshawar, Quetta and Karachi divisions, deficient in Kalat, Rawalpindi and Multan divisions and scanty in D.I. Khan division whereas no rain fell in East Pakistan and in Lahore, Bahawalpur, Hyderabad and Khairpur divisions.

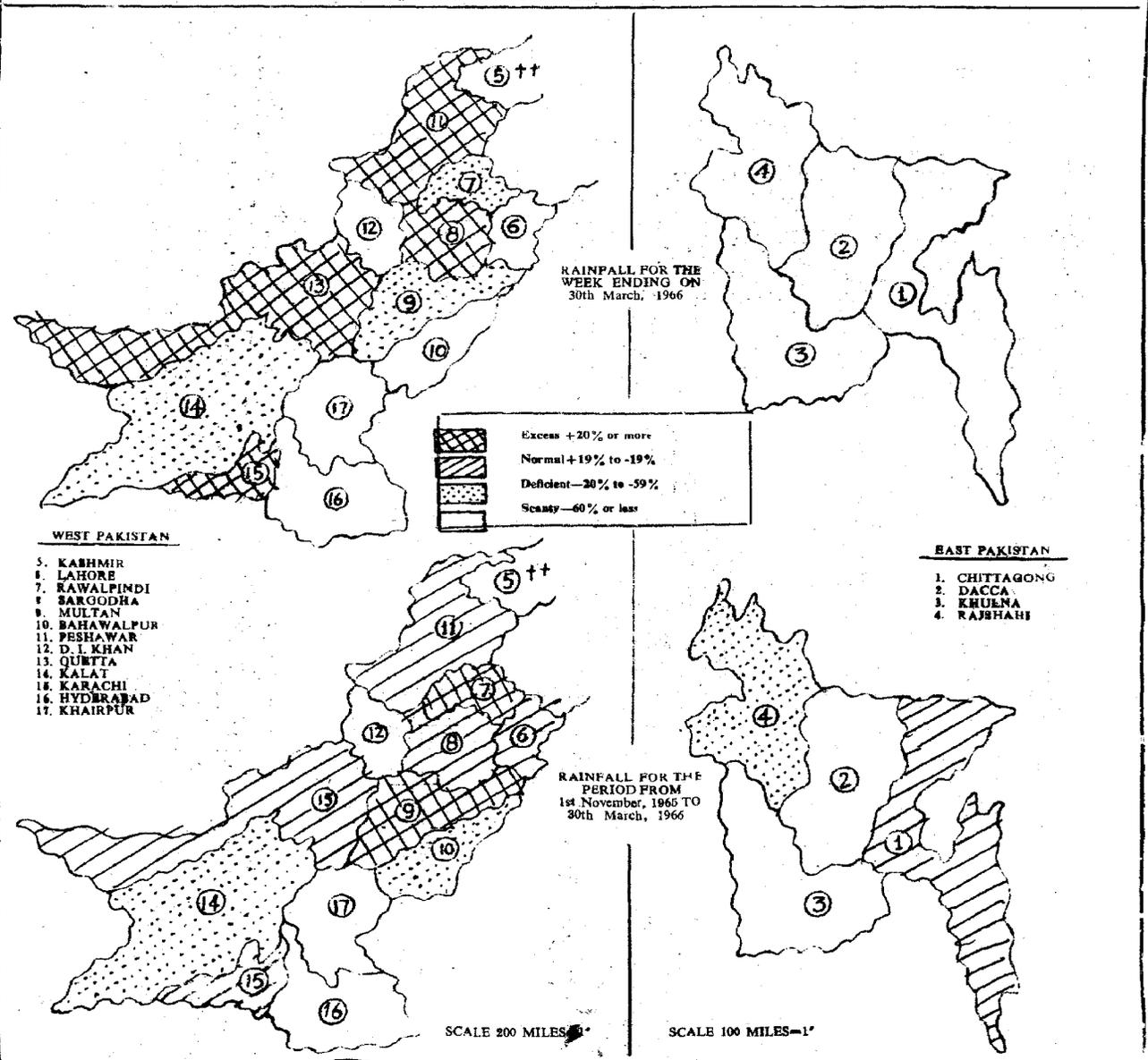
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division, in excess in Rawalpindi division, normal in Chittagong, Lahore, Sargodha, Peshawar and Quetta divisions, deficient in Rajshahi, Bahawalpur and Kalat divisions and scanty elsewhere in the country.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 30th March, 1966.			Rainfall for the Period from 1st November, 1965 to 30th March, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.7	- 0.7	6.5	6.1	+ 0.3	+ 6
2. Dacca	0	0.6	- 0.6	1.8	4.6	- 2.8	- 60
3. Khulna	0	0.5	- 0.5	1.0	4.5	- 3.6	- 77
4. Rajshahi	0	0.3	- 0.3	1.6	2.7	- 1.1	- 41
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.2	- 0.2	4.6	4.7	- 0.1	- 3
7. Rawalpindi	1.2	0.9	- 0.3	1.50	12.2	+ 2.8	+ 23
8. Sargodha	0.3	0.1	+ 0.1	2.9	2.5	- 0.3	+ 13
9. Multan	0.2	0.1	0	2.6	1.6	+ 1.0	+ 61
10. Bahawalpur	0	0	0	0.7	1.1	- 0.4	- 37
11. Peshawar	0	0.6	+ 1.4	9.9	9.1	+ 0.8	+ 9
12. D. I. Khan	2.0	0.6	- 0.5	0.7	4.6	- 3.8	- 84
13. Quetta	0.6	0.2	+ 0.4	5.2	5.5	- 0.3	+ 5
14. Kalat	0.1	0.1	0	2.9	4.9	- 1.9	- 40
15. Karachi	0.1	0	+ 0.1	0.3	3.1	- 2.7	- 89
16. Hyderabad	0	0	0	0.1	0.9	- 0.9	- 94
17. Khairpur	0	0	0	0.3	1.0	- 0.7	- 67
18. 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 April 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: A westerly low pressure wave accompanied the seasonal trough of low over West Bengal and neighbour-hood on the 3rd. It remained well marked till the end of the week. Under its influence rain or thundershowers were scattered to local in Chittagong division on the 4th and 5th and in Dacca division on the 6th. Brahmanbaria recorded 2" of rainfall on the 5th and Sylhet $\frac{1}{2}$ " and 3/4" respectively on the 4th and 5th. Weather otherwise remained dry over the province.

Day temperatures remained slightly to appreciably above normal over the province throughout the week.

WEST PAKISTAN: A feeble western disturbance approached the extreme north of the province on the first day of the week and moved away northeastwards by the next day after causing scattered thunderstorms or showers in Peshawar and Rawalpindi divisions on the 1st.

Another western disturbance moved to Afghanistan and neighbour-hood on the 5th and lay over the northern divisions of West Pakistan on the last day of the week. Under its influence rain or thundershowers were fairly widespread in D. I. Khan division and scattered to local in Peshawar and Quetta divisions on the 5th and in D. I. Khan, Quetta and Khairpur divisions on the next day. A few falls of light rain were also reported from Rawalpindi and Sargodha divisions on the 5th and from Multan and Kalat divisions on the 6th. Chief amounts of rainfall recorded were:- Miranshah 3/4" and Cherat and Wana $\frac{1}{2}$ " each on the 4th and 5th and Fortsandeman $\frac{1}{2}$ " on the 6th.

Day temperatures were slightly to appreciably above normal in Bahawalpur, Khairpur and Hyderabad divisions on the first four days of the week and over the entire province on the fifth day. They were slightly below normal in Quetta, Rawalpindi and Sargodha divisions on the last day of the week.

2. CHITTAGONG DIVISION :	Local and scattered rain fell on one day each.
DACCA DIVISION :	Local rain fell on one day.
KHULNA DIVISION :	} Weather remained dry.
RAJSHAHI DIVISION :	
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained dry.
RAWALPINDI DIVISION :	Weather remained mainly dry.
SARGODHA DIVISION :	} Weather remained dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Local and scattered rain fell on one day each.
D. I. KHAN DIVISION :	Fairly widespread and local rain fell on one day each.
QUETTA DIVISION :	Local rain fell on one day.
KALAT DIVISION :	Weather remained mainly dry.
KARACHI DIVISION :	} Weather remained dry.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	Scattered rain fell on one day.
JUNAGDH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Quetta and Khairpur divisions; normal in Peshawar and D. I. Khan divisions and scanty in Chittagong, Dacca and Rajshahi divisions whereas no rain fell elsewhere in the country.

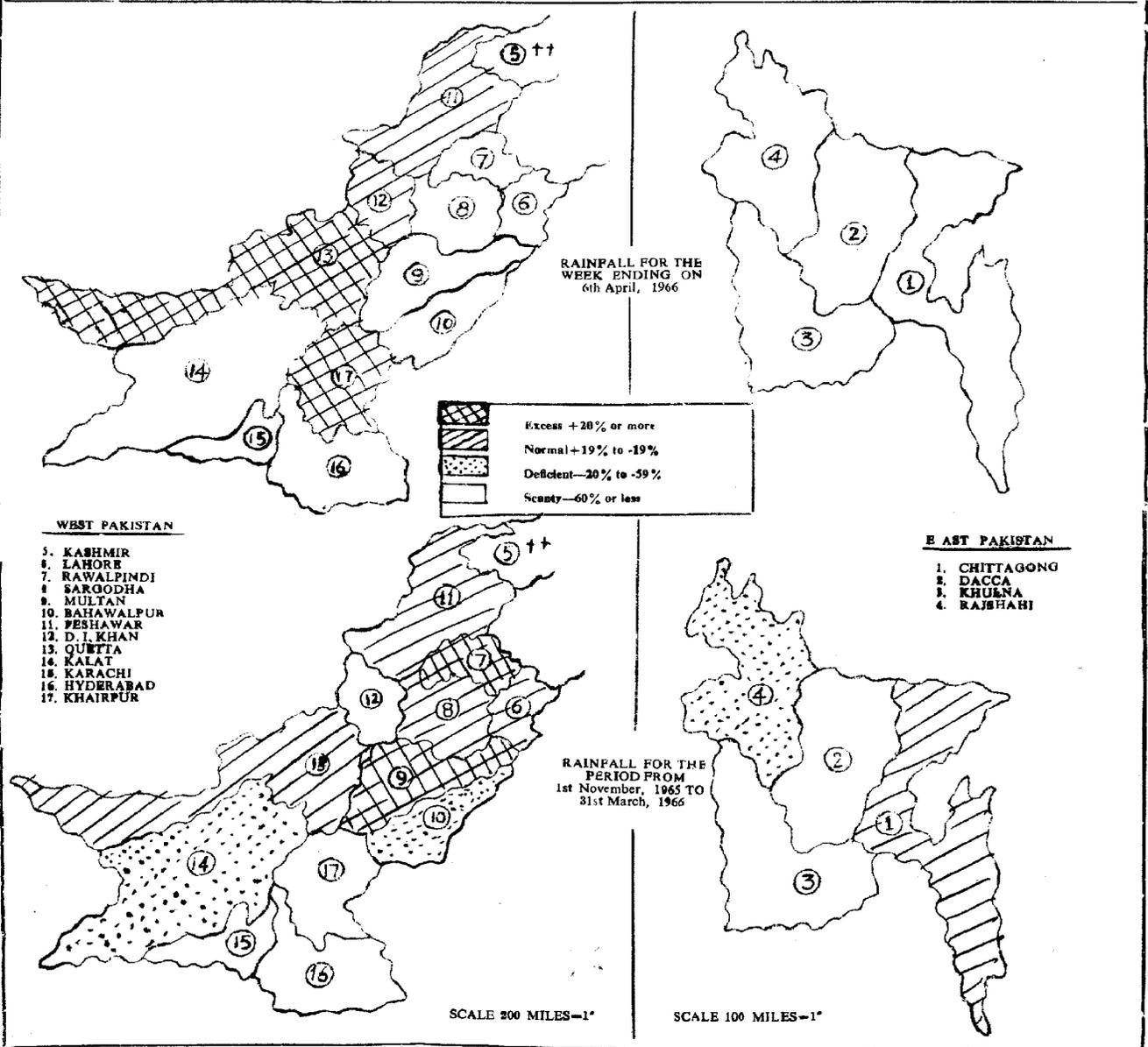
Rainfall for the period from 1st November 1965 to 31st March 1966 was in large excess in Multan division; in excess in Rawalpindi division; normal in Chittagong, Lahore, Sargodha, Peshawar and Quetta divisions; deficient in Rajshahi, Bahawalpur and Kalat divisions and scanty in Dacca, Khulna, D. I. Khan, Karachi, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965 to 31st March, 1966.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending 6th April, 1966.			Rainfall for the Period from 1st November, 1965 to 31st March, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.3	0.8	- 0.5	6.5	6.2	+ 0.3	+ 4
2. Dacca	0	0.7	- 0.6	1.8	4.7	- 2.9	- 62
3. Khulna	0	0.4	- 0.4	1.9	4.6	- 3.7	- 80
4. Rajshahi	0	0.4	- 0.4	1.6	2.8	- 1.2	- 42
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.2	= 0.2	4.6	4.7	+ 0.1	- 3
7. Rawalpindi	0	0.8	- 0.8	15.0	12.3	+ 2.7	+ 22
8. Sargodha	0	0.2	- 0.2	2.9	2.5	+ 0.3	+ 13
9. Multan	0	0.1	- 0.1	2.6	1.6	+ 1.0	+ 60
10. Bahawalpur	0	0	0	0.7	1.1	- 0.4	- 37
11. Peshawar	0.4	0.5	- 0.1	9.9	9.1	+ 0.7	+ 8
12. D. I. Khan	0.5	0.5	0	0.7	4.7	- 3.9	- 84
13. Quetta	0.4	0.2	+ 0.2	5.2	5.5	- 0.3	- 5
14. Kalat	0	0.2	- 0.2	2.9	4.9	- 2.0	- 40
15. Karachi	0	0.2	- 0.2	0.3	3.1	- 2.7	- 89
16. Hyderabad	0	0	0	0.1	0.9	- 0.9	- 93
17. Khairpur	0.1	0	+ 0.1	0.3	1.0	- 0.7	- 67
18. 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 13th April, 1966.

—:O:—

SUMMARY OF WEATHER

EAST PAKISTAN: A westerly low pressure while moving across the extreme north of the province caused scattered thundershowers in Chittagong division during the first two days of the week. Sylhet recorded $1\frac{1}{2}$ " rainfall on the 7th. Weather remained mainly dry thereafter except on the last day of the week when scattered thundershowers again occurred in Chittagong division in association with the accentuation of the seasonal low pressure over West Bengal and adjoining areas.

Day temperatures were generally slightly to appreciably above normal over the province during the first six days and markedly so on the last day of the week.

WEST PAKISTAN: Two western disturbances moved across the northern divisions of the province during the week. In their association scattered to local rain or thundershowers occurred in Peshawar division. Practically throughout the week in Rawalpindi division on the 7th, 8th and 11th; in Quetta division on the 10th, 12th and 13th; in Sargodha, Multan, Bahawalpur and D. I. Khan divisions on the 7th and 13th and a few thunderstorms or light showers in Kalat division on the last two days of the week.

Chief amounts of rainfall recorded are: Murree $1\frac{1}{2}$ ", Haripur and Kakul 1" each and Islamabad $3/4$ " on the 7th; Cherat $1\frac{1}{2}$ " on the 8th; Parachinar $3/4$ " on the 9th and Sargodha 1" and Landikotal $3/4$ " on the 10th.

Day temperatures were appreciably to markedly below normal over the province outside Karachi and Kalat divisions during the first two days of the week and slightly so over there during the next two days. These were slightly below normal in Lahore and Sargodha divisions, on the 11th and in these and in Rawalpindi, Multan and Karachi divisions on the 12th and to the same extent above normal in Quetta, Kalat and Hyderabad divisions during the last three days of the week.

2. CHITTAGONG DIVISION :	Scattered rain fell on three days.
DACCA DIVISION :	} Weather remained dry.
KHULNA DIVISION :	
RAJSHAHI DIVISION :	
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on one day.
RAWALPINDI DIVISION :	Local rain fell on one day and scattered on two days.
SARGODHA DIVISION :	Local rain fell on two days.
MULTAN DIVISION :	} Local rain fell on one day.
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Local rain fell on four days and scattered on two days.
D. I. KHAN DIVISION :	Local and scattered rain fell on one day each.
QUETTA DIVISION :	Local rain fell on one day and scattered on two days.
KALAT DIVISION :	Weather remained mainly dry.
KARACHI DIVISION :	} Weather remained dry.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH	Data not available.

3. Based on data of the stations having normals, the week's rainfall was in large excess in Multan, Bahawalpur, Peshawar and Quetta division; in excess in Rawalpindi divisions; deficient in Lahore and D. I. Khan divisions and scanty in Chittagong, Sargodha and Kalat divisions whereas no rain fell elsewhere over the country.

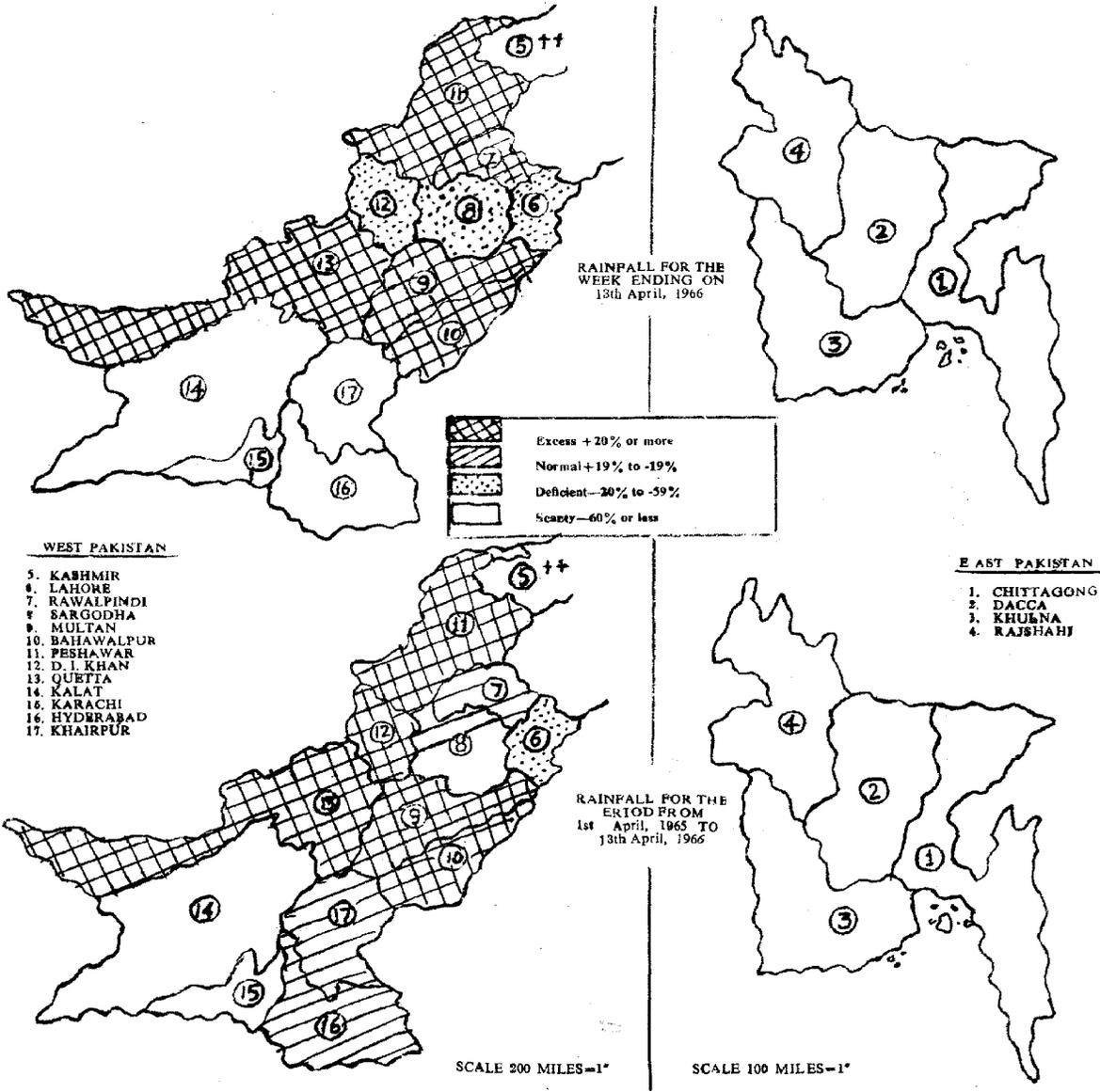
Rainfall for the period from 1st April 1966 to-date was in large excess in Multan and Peshawar divisions; in excess in Bahawalpur, D. I. Khan and Quetta divisions; normal in Rawalpindi, Hyderabad and Khairpur divisions; deficient in Lahore, division and scanty in Chittagong, Dacca, Sargodha and Kalat divisions whereas no rain fell elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st April, 1966 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending 13th April, 1966.			Rainfall for the Period from 1st April, 1965 to 13th April, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	1.0	1.3	- 1.2	0.4	2.0	- 1.6	- 80
2. Dacca	0	1.0	- 1.0	0	1.6	- 1.5	- 93
3. Khulna	0	0.5	- 0.5	0	0.8	- 0.8	- 100
4. Rajshahi	0	0.4	- 0.4	0	0.7	- 0.7	- 100
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.2	0.2	- 0.1	0.2	0.4	- 0.2	- 55
7. Rawalpindi	1.4	0.9	+ 0.5	1.4	1.6	- 0.2	- 12
8. Sargodha	0.1	0.2	- 0.2	0.1	0.3	- 0.3	- 80
9. Multan	0.3	0.1	+ 0.2	0.3	0.1	+ 0.2	+ 138
10. Bahawalpur	0.2	0.1	+ 0.1	0.2	0.1	0	+ 36
11. Peshawar	0.8	0.5	+ 0.5	1.4	0.9	+ 0.8	+ 83
12. D. I. Khan	0.2	0.3	- 0.1	0.6	0.4	+ 0.2	+ 54
13. Quetta	0.5	0.2	+ 0.2	0.6	0.4	+ 0.2	+ 50
14. Kalat	0	0.2	- 0.1	0	0.3	- 0.3	- 89
15. Karachi	0	0.2	- 0.2	0	0.4	- 0.4	- 100
16. Hyderabad	0	0	0	0	0	0	0
17. Khairpur	0	0.1	- 0.1	0.1	1.0	0	+ 14
18. 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 April, 1966.

—oTo—

SUMMARY OF WEATHER

EAST PAKISTAN: A westerly low pressure wave while moving across the sub-Himalyan West Bengal caused scattered thunderstorms or showers in Rajshahi division on the 14th and in Chittagong and Dacca divisions on the 14th and 15th. Thereafter, under the influence of seasonal trough of low pressure scattered to local thundershowers occurred in Chittagong division between the 16th and the 20th, in Dacca division on the 16th, 19th and the 20th and in Rajshahi division only on the last day of the week.

Chief amounts of rainfall recorded were. Sylhet and Faridpur 1" each on the 16th; Srimangal 1½" on the 17th and Mymensingh 2" on the 20th.

Day temperatures were generally slightly to appreciably above normal over the province during the week.

WEST PAKISTAN : Two western disturbances moved in quick succession across the northern parts of the province during the first five days of the week. In their association fairly widespread to widespread rain or thundershowers occurred in Lahore, Sargodha and Multan divisions on the 14th, in the last two named divisions and in Peshawar division on the 16th and the 17th and in D. I. Khan and Rawalpindi divisions on the 16th and the 17th respectively. Scattered to local rain or thundershowers also occurred in Rawalpindi and Kalat divisions on the 14th and the 16th, in Sargodha division on the 15th, in Peshawar, D. I. Khan and Quetta divisions on the 14th and 15th, in Quetta division on the 16th and in Bahawalpur and D. I. Khan divisions on the 17th and scattered thunderstorms or light showers in Khairpur division on the 14th and the 16th and in Lahore and Rawalpindi divisions on the 18th.

Significant amounts of rainfall recorded were : D. I. Khan 1" on the 14th, Multan, Wana and Loralai 1" each on the 16th and Leiah and Chakdara 1½" each and Murree, Drosh, Cheret and D. I. Khan 1" each on the 17th.

Day temperatures were markedly to considerably below normal in Lahore, Rawalpindi, Sargodha, Multan and D. I. Khan divisions and slightly to appreciably so elsewhere in the province on the 15th, 17th and the 18th. These were slightly to appreciably below normal practically in the whole of the province on the 14th, in the northern divisions on the 16th and in the central divisions on the 19th and were slightly above normal in Quetta, Peshawar and Rawalpindi divisions on the 20th.

2. CHITTAGONG DIVISION :	Rainfall was local and scattered on three days each.
DACCA DIVISION :	Local rain fell on two days and scattered on one day.
KHULNA DIVISION :	Weather remained dry during the week.
RAJSHAHI DIVISION :	Rainfall was scattered on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Rainfall was widespread on one day.
RAWALPINDI DIVISION :	Rainfall was fairly widespread on one day and scattered on two days.
SARGODHA DIVISION :	Widespread and local rain fell on one day each and fairly widespread on two days.
MULTAN DIVISION :	Widespread rain fell on one day and fairly widespread on two days.
BAHAWALPUR DIVISION :	Rainfall was local on one day.
PESHAWAR DIVISION :	Widespread and fairly widespread rain fell on one day each and local on two days.
D. I. KHAN DIVISION :	Rainfall was widespread and scattered on one day each and local on two days.
QUETTA DIVISION :	Local rain fell on one day and scattered on two days.
KALAT DIVISION :	Scattered rain fell on one day.
KARACHI DIVISION :	} No rain fell during the week.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	Weather remained mainly dry during the week.
JUNAGDH :	Data not available.

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

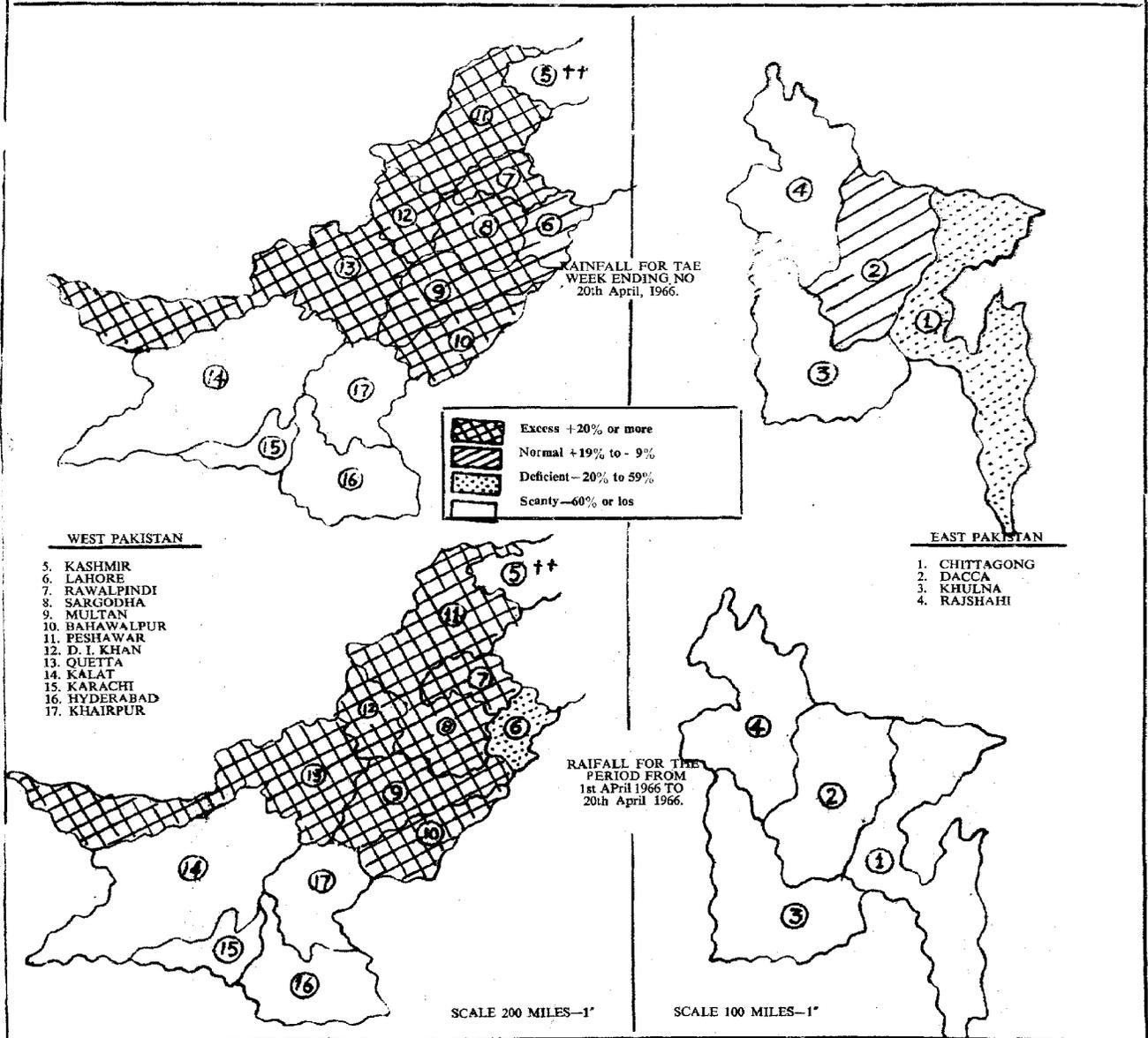
Rainfall for the period from 1st April 1966 to-date was in large excess in Sargodha, Multan, Peshawar and D. I. Khan divisions, in excess in Bahawalpur and Quetta divisions, normal in Rawalpindi division, deficient in Lahore division, and scanty elsewhere in the country outside Khulna, Karachi, and Hyderabad divisions where no rain has fallen so far.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st April, 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending on 20th April, 1966.			Rainfall for the Period from 1st April, 1966 to 20th April, 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.9	1.4	- 0.5	1.3	3.4	- 2.1	- 60
2. Dacca	1.1	1.3	- 0.2	1.1	2.8	- 1.7	- 60
3. Khulna	0	0.9	- 0.9	0	1.7	- 1.7	- 100
4. Rajshahi	0.1	0.5	- 0.5	0.1	1.3	- 1.2	- 93
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.2	0.2	0	0.4	0.6	- 0.2	- 35
7. Rawalpindi	1.1	0.7	+ 0.4	2.5	2.3	+ 0.2	+ 9
8. Sargodha	0.8	0.1	+ 0.8	0.9	0.5	+ 0.4	+ 74
9. Multan	1.0	0.1	+ 0.9	1.3	0.2	+ 1.1	+ 523
10. Bahawalpur	0.1	0.1	0	0.3	0.2	+ 0.1	+ 44
11. Peshawar	1.7	0.6	+ 1.1	3.1	1.5	+ 1.6	+ 104
12. D. I. Khan	1.1	0.3	+ 0.9	1.8	0.9	+ 0.9	+ 98
13. Quetta	0.3	0.2	+ 0.1	0.9	0.6	+ 0.3	+ 57
14. Kalat	0	0.1	- 0.1	0	0.4	- 0.4	- 100
15. Karachi	0	0	0	0	0.4	- 0.4	- 100
16. Hyderabad	0	0	0	0	0	0	0
17. Khairpur	0	0.1	- 0.1	0.1	0.2	- 0.1	- 41
18. Junaghad	—	—	—	—	—	—	—

*In the calculation of excess 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 27th April, 1966.

—oOo—

SUMMARY OF WEATHER

EAST PAKISTAN : The seasonal trough of low pressure remained pronounced over West Bengal and adjoining areas. Under its influence fairly widespread rain or thundershowers occurred in Dacca and Rajshahi divisions on the 23rd and 27th and in the last named division on the 26th. These were otherwise scattered to local practically over the whole province during the week.

Significant amounts of rainfall recorded were:- Comilla and Srimangal 2" each and Chittagong, Mymensingh and Faridpur 1½" each on the 27th; Faridpur 2" on the 25th; Srimangal 1½" on the 26th and Sylhet, Mymensingh and Barisal 1" each on the 27th.

Day temperatures were nearly normal over the province on the 24th and slightly to appreciably above normal practically over the whole province during the rest of the week.

WEST PAKISTAN : A feeble western disturbance while moving across the northern divisions of the province, in the beginning of the week, caused local rain or thundershowers in Rawalpindi division on the 22nd and scattered in Peshawar division on the 21st and 22nd. Scattered light rain or thundershowers were also reported from Rawalpindi and Quetta divisions between the 21st and 22nd.

Thereafter, another western disturbance appeared over northwest Afghan stan on the 24th and while moving east-northeast-wards it induced a secondary over Kalat division. The later moved slowly to D. I. Khan division by the end of the week. Under their combined influence fairly widespread rain or thundershowers occurred in Peshawar division on the 26th and the 27th and scattered to local in Peshawar division on the 24th and 25th; in D. I. Khan and Quetta divisions between the 24th and the 27th, in Rawalpindi division on the 25th and 27th and in Miltan division only on the 27th. A few thundershowers or light showers were also reported sporadically from some of the northern and central divisions between the 24th and 27th.

Chief amounts of rainfall were:- Harnai 1" and Parachinar ¾" on the 24th; Murree 1" on the 25th; Parachinar ¾" on the 26th and Drosh and Chakdara 1" each and Kakul and Parachinar ¾" each on 27th.

Day temperatures were slightly to appreciably below normal in the province outside the northern divisions on the 25th, considerably below normal in Peshawar division on the 26th and appreciably to markedly so in Peshawar, Quetta, Hyderabad and Khairpur divisions and slightly so elsewhere in the province outside the central areas on the 27th. These were otherwise slightly to appreciably above normal over the northern and some of the central divisions during the first four days of the week.

2. CHITTAGONG DIVISION :	Rainfall was local on two days and scattered on four days.
DACCA DIVISION :	Widespread and fairly widespread rain fell on one day each and local and scattered on two days each.
KHULNA DIVISION :	Rainfall was local on three days and scattered on two days.
RAJSHAHI DIVISION :	Rainfall was fairly widespread and scattered on three days each and local on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained dry during the week.
RAWALPINDI DIVISION :	Local rain fell on two days and scattered on one day.
SARGODHA DIVISION :	Weather remained mainly dry during the week.
MULTAN DIVISION :	Scattered rain fell on one day.
BAHAWALPUR DIVISION :	Weather remained mainly dry during the week.
PESHAWAR DIVISION :	Fairly widespread rain fell on two days, local on one day and scattered on three days.
D. I. KHAN DIVISION :	} Rainfall was local on one day and scattered on three days.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	} Weather remained dry during the week.
JUNAGADH :	Data not available.

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

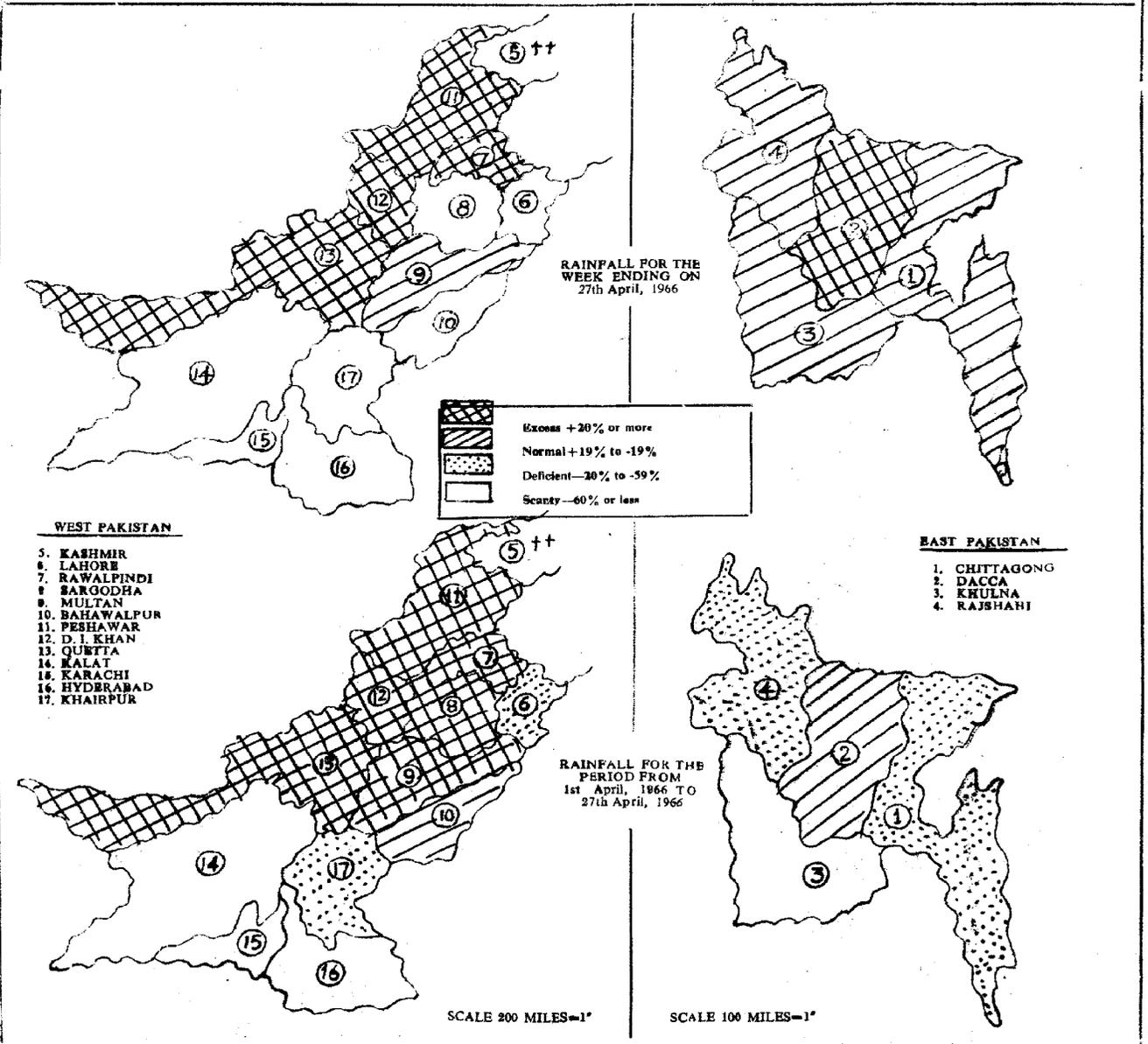
Rainfall for the period from 1st April 1966 to-date was in large excess in Multan, Peshawar, D. I. Khan and Quetta divisions; in excess in Rawalpindi and Sargodha divisions; normal in Dacca and Bahawalpur divisions; deficient in Chittagong, Rajshahi, Lahore, and Khairpur divisions and scanty in Khulna and Kalat divisions. No rain fell in Karachi and Hyderabad divisions so far.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st April, 1966 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending 27th April, 1966.			Rainfall for the Period from 1st April, 1966 to 27th April, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	1.7	1.7	- 0.1	3.0	5.2	- 2.1	- 41
2. Dacca	3.0	1.6	+ 1.4	4.1	4.4	- 0.3	- 6
3. Khulna	1.1	1.1	- 0.1	1.1	2.8	- 1.8	- 63
4. Rajshahi	0.9	0.9	- 0.1	0.9	2.2	- 1.3	- 55
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	0.4	0.7	- 0.3	- 49
7. Rawalpindi	1.3	0.5	+ 0.8	3.8	2.9	+ 1.0	+ 34
8. Sargodha	0	0.1	- 0.1	0.9	0.6	+ 0.2	+ 36
9. Multan	0.1	0.1	0	1.4	0.3	+ 1.1	+ 348
10. Bahawalpur	0	0	0	0.3	0.2	0	+ 19
11. Peshawar	0.9	0.6	+ 0.3	3.9	2.1	+ 1.9	+ 90
12. D. I. Khan	0.2	0.1	+ 0.1	1.9	1.0	+ 0.9	+ 96
13. Quetta	0.5	0.1	+ 0.3	1.4	0.7	+ 0.7	+ 94
14. Kalat	0	0.1	- 0.1	0	0.5	- 0.4	- 90
15. Karachi	0	0	0	0	0.4	- 0.4	- 100
16. Hyderabad	0	0	0	0	0	0	- 100
17. Khairpur	0	0	0	0.1	0.2	- 0.1	- 41
18. 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 May, 1966.

—o—o—o—

SUMMARY OF WEATHER

EAST PAKISTAN: In association with the accentuation of the seasonal trough of low pressure over West Bengal and neighbourhood scattered thundershowers in Chittagong division on the 28th and Dacca division on the 29th. A few thunderstorms were also reported from Chittagong and Rajshahi divisions on the 29th and again from Chittagong division on the 4th. Weather was otherwise abnormally hot and dry over the province during the week.

Day temperatures were markedly to considerably above normal in Rajshahi division and slightly to appreciably so elsewhere in the province during the week.

WEST PAKISTAN: Last week's western disturbance over D.I. Khan division, while moving across Kashmir during the first three days of the week, caused generally fairly widespread rain or thundershowers in Sargodha and Peshawar divisions on the 28th and 29th and in Rawalpindi division on the 28th and scattered to local in D.I. Khan division on both the above days in Lahore and Rawalpindi divisions respectively on the 28th and the 29th and in Sargodha, Multan and Peshawar divisions on the 30th. A few thunderstorms or light showers also occurred in Bahawalpur and Rawalpindi divisions on the 29th and 30th respectively.

Another feeble western disturbance moved across the north of Afghanistan and caused a few thunderstorms in Peshawar division on the 3rd.

Chief amounts of rainfall recorded were:- Peshawar $1\frac{1}{2}$ " and Landikotal $\frac{3}{4}$ " on the 28th and Chakdara 1" on the 29th. A heatwave gripped the southern districts of West Pakistan in association with the northwest movements of a cyclonic storm from southwest Bay of Bengal and the formation of a well marked trough of low pressure over Dacca and Gujrat in its advance. Temperatures as high as 113°F (45°C) were recorded at Lasbella and 110°F (43°C) at Karachi but on the 3rd. The day temperatures were markedly to considerably above normal in Karachi and coastal Kalat divisions during the last few days of the week and slightly to appreciably so over the province outside these and Lahore division on the 4th. These were otherwise, appreciably to markedly below normal in West Pakistan on the 28th markedly to considerably so in the province outside Karachi, Hyderabad and Khairpur divisions on the 29th and in Peshawar and Rawalpindi divisions on the 30th and slightly to appreciably so elsewhere in the province outside Karachi division between the 30th and the 2nd.

2. CHITTAGONG DIVISION :	Scattered rain fell on one day.
DACCA DIVISION :	scattered rain fell on one day.
KHULNA DIVISION :	Weather remained dry during the week.
RAJSHAHI DIVISION :	Weather remained mainly dry.
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on one day.
RAWALPINDI DIVISION :	Fairly widespread and local rainfall on one day each.
SARGODHA DIVISION :	Fairly widespread rain fell on two days and scattered on one day.
MULTAN DIVISION :	Scattered rain fell on one day.
BAHAWALPUR DIVISION :	Weather remained mainly dry.
PESHAWAR DIVISION :	Widespread, fairly widespread and local rain fell on one day each.
D. I. KHAN DIVISION :	Scattered rain fell on two days.
QUETTA DIVISION :	Weather remained dry.
KALAT DIVISION :	} Weather remained dry.
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGDH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Rawalpindi, Sargodha, Peshawar and D.I. Khan divisions; deficient in Lahore division and scanty in Dacca division whereas no rain fell elsewhere in the country.

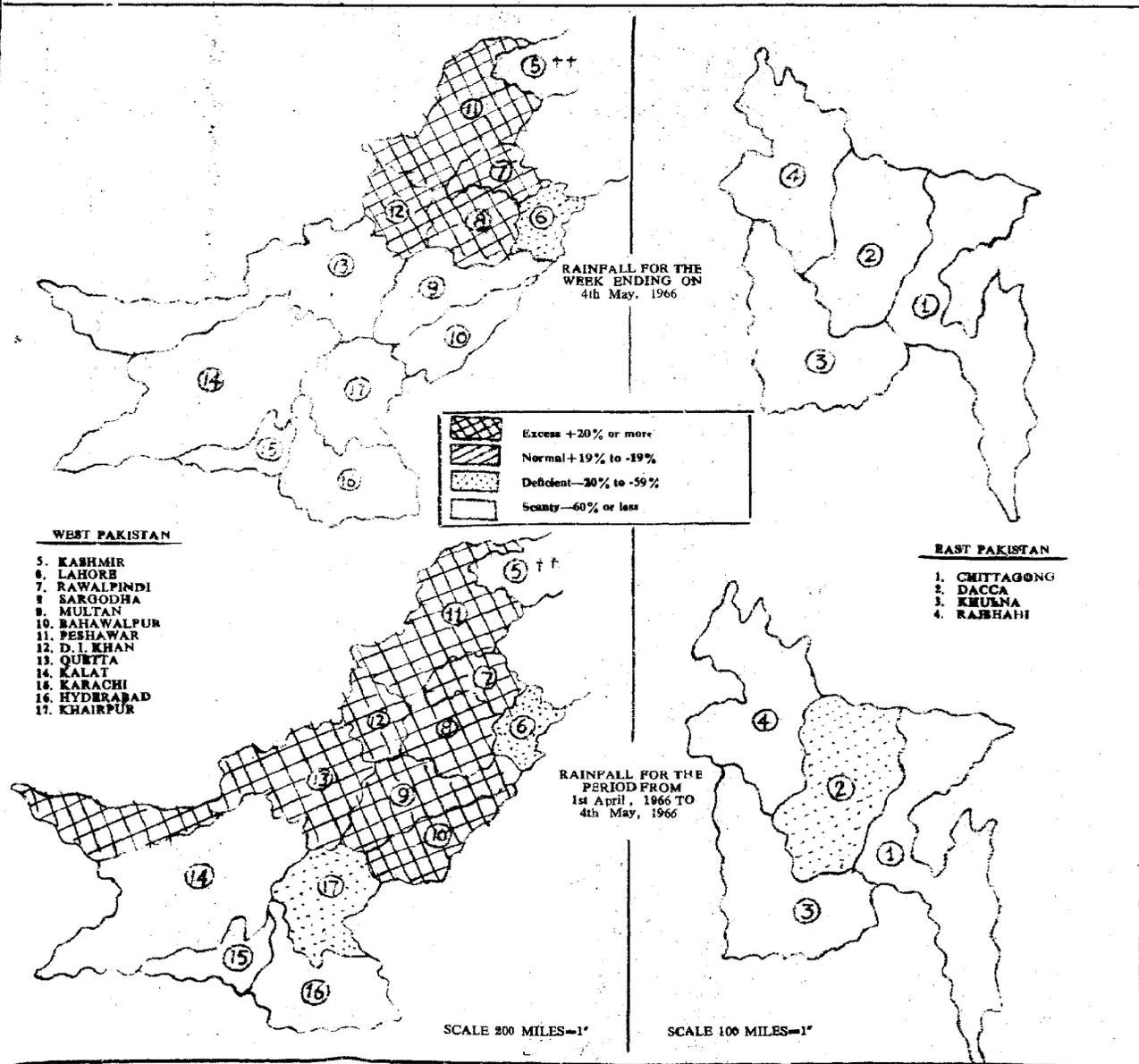
Rainfall for the period from 1st April, 1966 to-date was in large excess in Sargodha, Multan, Peshawar, D.I. Khan and Quetta divisions; excess in Rawalpindi, Bahawalpur divisions, deficient in Dacca, Lahore and Khairpur divisions and scanty in Chittagong, Khulna, Rajshahi and Kalat divisions. No rain has fallen in Karachi and Hyderabad divisions so far.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions Pakistan, both for the week and for the period from 1st April, 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 4th May, 1966.			Rainfall for the Period from 1st April, 1966 to 4th May, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	2.6	- 2.6	3.0	1.8	+ 4.7	- 61
2. Dacca	0.1	1.9	- 1.9	4.2	6.3	- 2.1	- 34
3. Khulna	0	1.5	- 1.5	1.1	4.3	- 3.2	- 78
4. Rajshahi	0	1.1	- 1.1	0.9	3.4	- 2.4	- 72
5. Kashmir††	-	-	-	-	-	-	-
6. Lahore	0.1	0.1	0	0.5	0.9	- 0.4	- 45
7. Rawalpindi	0.5	0.3	+ 0.2	4.3	3.2	+ 1.2	+ 37
8. Sargodha	0.6	0.1	+ 0.5	1.5	0.7	+ 0.8	+ 105
9. Multan	0	0.1	- 0.1	1.4	0.4	+ 1.0	+ 218
10. Bahawalpur	0	0	0	0.3	0.2	0	+ 20
11. Peshawar	1.2	0.3	+ 0.9	5.2	2.4	+ 2.8	+ 119
12. D. I. Khan	0.1	0.1	+ 0.1	2.0	1.1	+ 1.0	+ 91
13. Quetta	0	0.1	- 0.1	1.4	0.8	+ 0.6	+ 73
14. Kalat	0	0	0	0	0.5	- 0.3	- 71
15. Karachi	0	0	0	0	0.4	- 0.4	- 100
16. Hyderabad	0	0.1	- 0.1	0	0.1	- 0.1	- 100
17. Khairpur	0	0	0	0.1	0.2	- 0.1	- 52
18. 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 11th May, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : In association with the accentuation of the seasonal trough of low pressure over West Bengal and neighbourhood, local to fairly widespread rain or thundershowers occurred in the province on the 7th and in Chittagong, Dacca and Khulna divisions between the 5th and 6th. Thereafter an easterly low pressure wave appeared over north Andaman sea on the 7th and moving north-eastwards merged with the seasonal trough of low pressure over Orisa and West Bengal by the 10th. Under its influence rain or thundershowers were generally local to fairly widespread in the province with locally heavy to very heavy falls in Chittagong division between the 9th and 11th and scattered to local in Chittanong, Dacca and Rajshahi divisions on the 8th. Brahmanbaria and Satkhira each recorded 4" of rainfall respectively on the 10th and the 11th. According to newspaper reports, wind speed reaching 65 m.p.h. swept over Fenny sub-division of Noakhali district on the 9th and caused some damage to standing crops and to few kutchha houses. Other notable amounts of rainfall recorded were:- Cox's Bazar 2" on the 6th; Barisal 1½" on the 7th; Majdee Court, Mymensingh, Rajshahi and Dinajpur 2" each on the 9th and Rangamati and Chittagong 3" each on the 10th.

Day temperatures were considerably above normal in Rajshahi division and slightly to appreciably so elsewhere in the province on the 5th and the 6th and in Chittagong and Khulna divisions between the 7th and the 11th and were to same extent below normal in Dacca division between the 7th and the 10th.

WEST PAKISTAN : A western disturbance moving across the north of the province caused scattered rain or thundershowers in Rawalpindi division and a few falls of light rain or thunderstorms in Lahore, Sargodha, Multan and Peshawar divisions on the 8th and in Rawalpindi division a day earlier. It was closely followed by another western disturbance which moved to the eastern parts of Kashmir while its associated trough extending to Multan division on the last day of the week. Under its influence fairly widespread rain or thundershowers occurred in Rawalpindi and Sargodha divisions respectively on the 9th and the 11th and scattered to local in Rawalpindi division on the 8th and the 10th; in Peshawar division on the 9th and the 10th and in these and in Lahore, Multan and D. I. Khan divisions on the 11th. A few falls of light rain or thunderstorms also occurred sporadically in the northern divisions between the 9th and the 10th and dust-thunderstorms in Quetta division on the 11th. According to newspaper reports Rawalpindi and Sheikhpura districts were hit by hailstorms on the 10th and Lahore on the 11th.

Chief amounts of rainfall recorded were:- Jhelum 1½" on the 9th and Murree, Haripur and Kakul 1½" each on the 11th.

Day temperatures were appreciably to markedly below normal in West Pakistan on the 11th and slightly to appreciably so in Peshawar and Hyderabad divisions on the 10th and only in Peshawar division on the 9th. These were, otherwise, slightly to appreciably normal in the whole province on the 5th and the 6th, outside Hyderabad and Karachi divisions on the 7th and the 8th and again practically in the whole province on the 9th.

2. CHITTAGONG DIVISION :	Widespread, fairly widespread and scattered rain fell on one day each and local on four days.
DACCA DIVISION :	Rainfall was widespread on one day, fairly widespread on two days and local on three days.
KHULNA DIVISION :	Rainfall was fairly widespread on two days, local on three days and scattered on one day.
RAJSHAHI DIVISION :	Rainfall was fairly widespread on one day, scattered and local on two days each.
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on one day.
RAWALPINDI DIVISION :	Fairly widespread and scattered rain fell on on one day each and local on two days.
SARGODHA DIVISION :	Fairly widespread rain fell on one day.
MULTAN DIVISION :	Local rain fell on one day.
BAHAWALPUR DIVISION :	No rain fell during the week.
PESHAWAR DIVISION :	Local rain fell on two days and scattered on one day.
D. I. KHAN DIVISION :	Scattered rain fell on one day.
QUETTA DIVISION :	} Weather remained dry.
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGDH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Chittagong, Rawalpindi, Sargodha, Multan and Peshawar divisions; excess in Lahore divisions; deficient in D. I. Khan divisions whereas no rain fell elsewhere in West Pakistan.

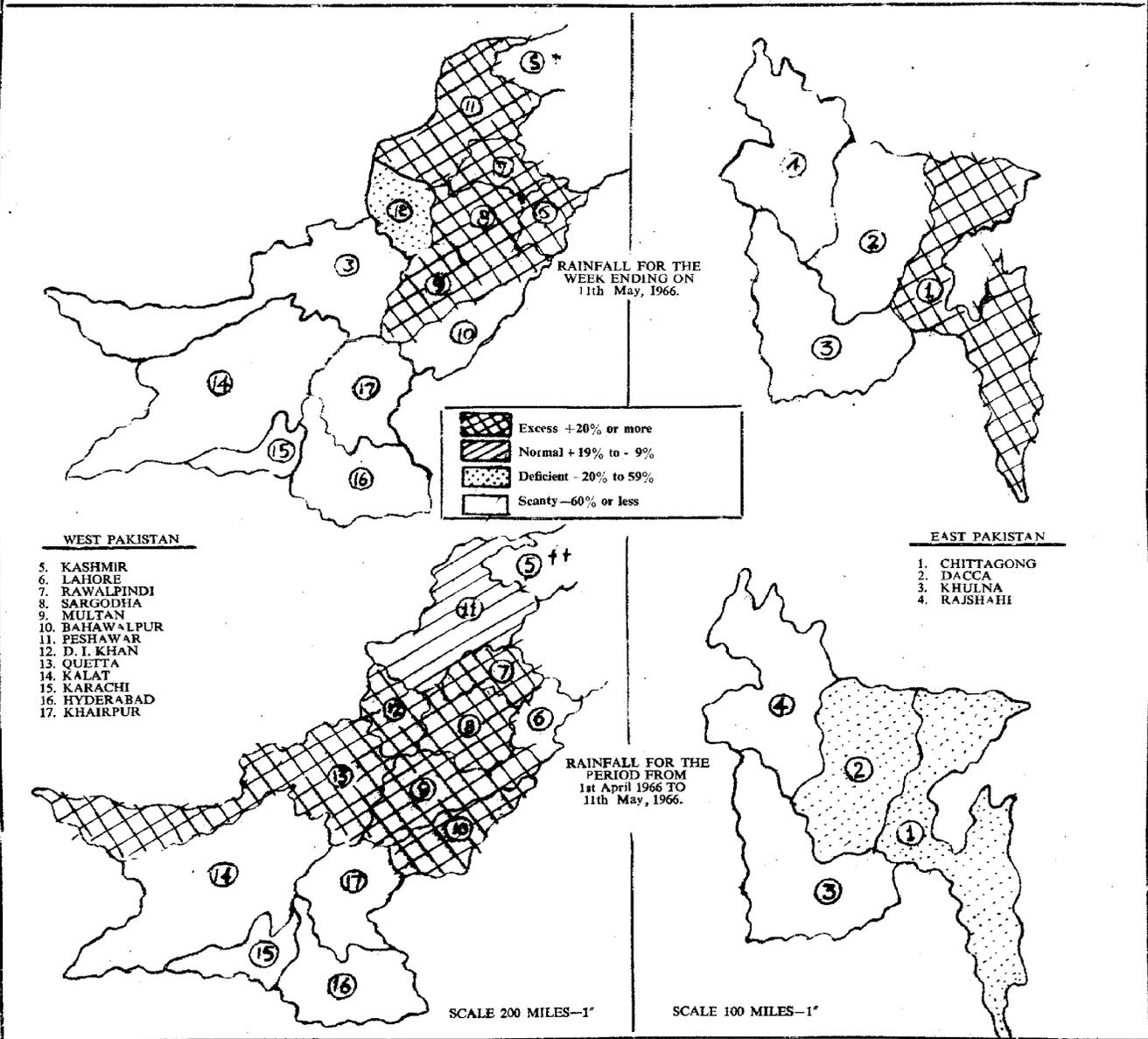
Rainfall for the period from 1st April 1966 to-date was in large excess in Sargodha, Multan, D. I. Khan and Quetta divisions; excess in Rawalpindi and Bahawalpur divisions; normal in Peshawar division; deficient in Chittagong, Dacca divisions; scanty in Khulna, Rajshahi, Lahore, Kalat and Khairpur divisions where as no rain has fallen so far in Karachi and Hyderabad divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st April, 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending on 11th May, 1966.			Rainfall for the Period from 1st April, 1966 to 11th May, 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	4.8	2.5	+ 2.4	7.9	10.2	- 2.4	- 23
2. Dacca	2.6	2.0	+ 0.6	6.8	8.3	- 1.5	- 18
3. Khulna	2.1	1.7	+ 0.4	3.2	6.0	- 2.9	- 47
4. Rajshahi	2.2	1.4	+ 0.7	3.1	4.8	- 1.7	- 35
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.3	0.2	+ 0.1	0.7	1.1	- 0.3	- 29
7. Rawalpindi	1.8	0.5	+ 1.3	4.5	3.7	+ 0.9	+ 23
8. Sargodha	0.2	0.1	+ 0.1	1.7	0.9	+ 0.9	+ 105
9. Multan	0.3	0.1	+ 0.3	1.2	0.5	+ 0.7	+ 133
10. Bahawalpur	0	0	0	0.3	0.2	+ 0.1	+ 55
11. Peshawar	1.0	0.4	+ 0.6	6.2	2.8	+ 3.4	+ 12
12. D. I. Khan	0	0.1	0	2.1	1.1	+ 0.9	+ 82
13. Quetta	0	0	0	1.4	0.8	+ 0.6	+ 73
14. Kalat	0	0	0	0	0.5	- 0.5	- 92
15. Karachi	0	0	0	0	0.4	- 0.4	- 100
16. Hyderabad	0	0	0	0	0.1	- 0.1	- 100
17. Khairpur	0	0.1	- 0.1	0.1	0.3	- 0.2	- 65
18. Junaghad	—	—	—	—	—	—	—

*In the calculation of excess 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 May, 1966.

---o:O:o---

SUMMARY OF WEATHER

EAST PAKISTAN: In association with the continued accentuation of the seasonal trough of low pressure over West Bengal and adjoining areas, widespread rain or thundershowers occurred in Khulna division; local in Chittagong division and scattered in Dacca division on the 12th. Thereafter, the seasonal trough became less marked and only scattered to local rain or thundershowers occurred in Chittagong division on the 13th and the 14th. Rangamati and Comilla each recorded 1" of rain on the 12th.

Day temperatures were slightly to appreciably above normal practically in the whole province on the first three days and appreciably to markedly so on the last four days of the week.

WEST PAKISTAN: Last week's western disturbance over the eastern Parts of Kashmir with its trough extending to Multan division moved away eastwards on the first day. It was closely followed by another western disturbance which appeared over northwest Afghanistan on the 12th and moved away across the northern divisions of the province by the 15th. Under their combined influence thunderstorms or showers were fairly widespread in Lahore and Multan divisions on the 12th and in Sargodha division on the 13th and scattered to local in Rawalpindi and Peshawar divisions between the 12th and 15th and in Sargodha, Multan, Bahawalpur, D.I. Khan and Quetta divisions between the 12th and 13th.

With the formation of trough of low pressure over south Rajasthan and adjoining Hyderabad division a heat wave gripped the southern parts of the province for the second time during this month. Day temperatures rose to 106°F and 107°F at Karachi Airport respectively on the 15th and the 16th. Sibi recorded the highest maximum temperature of 118°F on the 18th.

Chief amounts of rainfall recorded were:- Kakul 1" on the 12th; Lyallpur 1½" and Montgomery and Haripur 1" each on the 13th. Day temperatures were markedly to considerably below normal in the northern and the central divisions and slightly to appreciably so in the southern divisions during the first five days of the week except in Karachi division where these were markedly above normal on the 15th and the 16th. These were otherwise slightly above normal in Peshawar, Hyderabad, Karachi, Quetta and Kalat divisions on the 17th and practically in the whole province on the 18th.

2. CHITTAGONG DIVISION :	Local rain fell on two days and scattered on one day.
DACCA DIVISION :	Scattered rain fell on one day.
KHULNA DIVISION :	Widespread rain fell on one day.
RAJSHAHI DIVISION :	Weather remained dry during the week.
KASHMIR :	Data not available.
LAHORE DIVISION :	Fairly widespread rain fell on one day.
RAWALPINDI DIVISION :	Scattered rain fell on two days.
SARGODHA DIVISION :	Widespread and scattered rain fell on one day each.
MULTAN DIVISION :	Fairly widespread and local rain fell on one day each.
BAHAWALPUR DIVISION :	Local rain fell on one day.
PESHAWAR DIVISION :	Rainfall was local on three days and scattered on one day.
D. I. KHAN DIVISION :	Scattered rain fell on two days.
QUETTA DIVISION :	Scattered rain fell on one day.
KALAT DIVISION :	} Weather remained dry during the week.
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Lahore, Sargodha, Multan and Bahawalpur divisions; normal in Rawalpindi divisions; deficient in Khulna and D.I. Khan divisions and scanty in Chittagong, Dacca, Peshawar and Quetta divisions where as no rain fell elsewhere in the country.

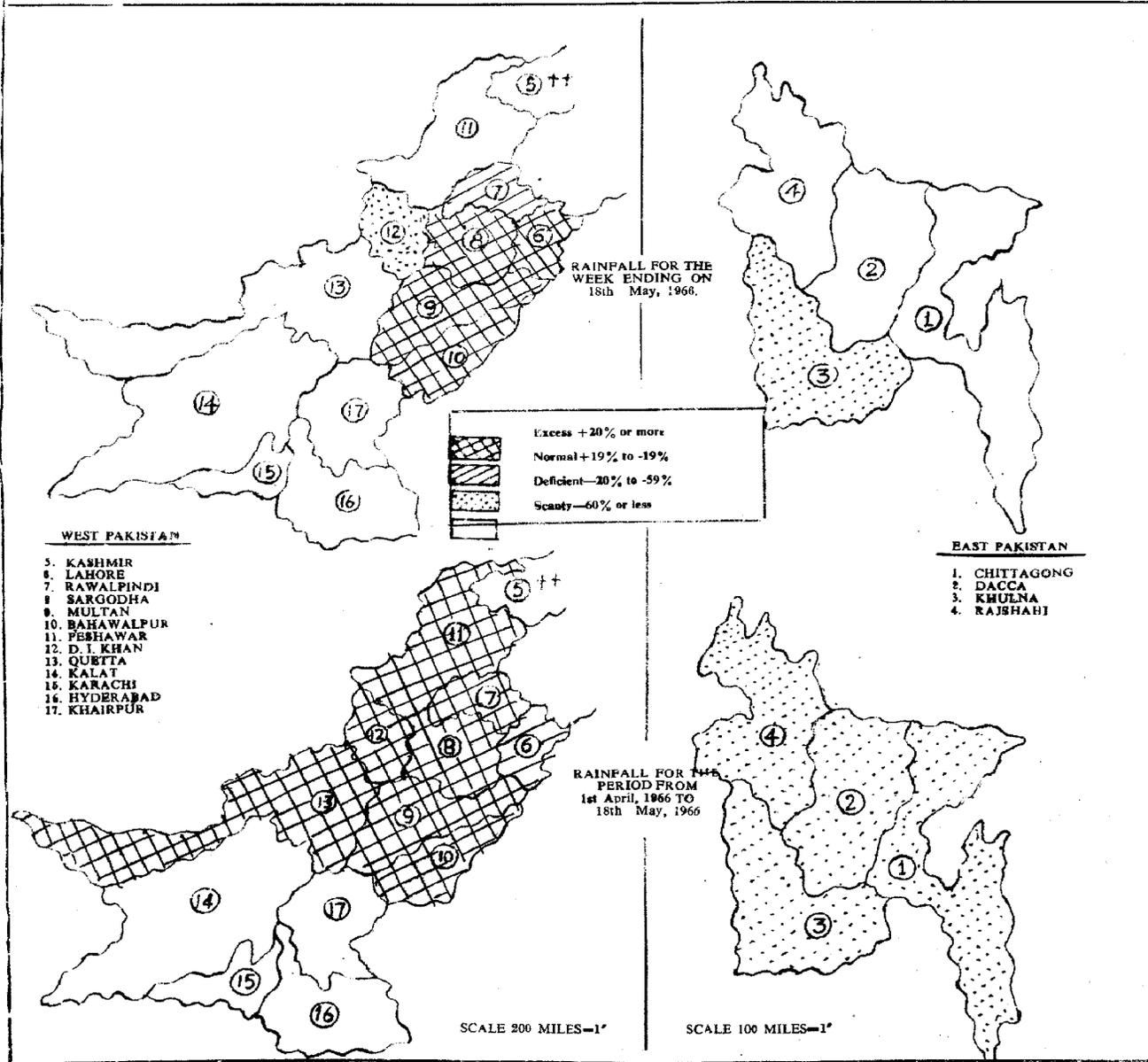
Rainfall for the period from 1st April 1966 to-date was in large excess in Sargodha, Multan, Bahawalpur, Peshawar and D.I. Khan divisions; excess in Rawalpindi and Quetta divisions; normal in Lahore division; deficient in Chittagong, Dacca, Khulna, and Rajshahi divisions; and scanty in Kalat and Khairpur divisions whereas no rain has fallen so far in Karachi and Hyderabad divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st April, 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 18th May, 1966.			Rainfall for the Period from 1st April, 1966 to 18th May, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.6	2.5	- 1.9	8.4	12.6	- 4.2	- 34
2. Dacca	0	2.1	- 2.1	6.8	10.4	- 3.6	- 34
3. Khulna	0.9	1.5	- 0.6	4.0	7.5	- 3.5	- 46
4. Rajshahi	0	1.6	- 1.6	3.1	6.4	- 3.3	- 52
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.6	0.3	+ 0.3	1.3	1.3	0	+ 2
7. Rawalpindi	0.5	0.5	+ 0.1	5.0	4.1	+ 0.9	+ 22
8. Sargodha	0.7	0.2	+ 0.5	2.5	1.1	+ 1.4	+ 126
9. Multan	0.7	0.1	+ 0.6	1.9	0.6	+ 1.3	+ 212
10. Bahawalpur	0.2	0.1	+ 0.1	0.5	0.3	+ 0.3	+ 86
11. Peshawar	0.1	0.3	- 0.3	6.3	3.1	+ 3.2	+ 102
12. D. I. Khan	0.1	0.2	- 0.1	2.2	1.3	+ 0.9	+ 68
13. Quetta	0	0.1	- 0.1	1.4	0.9	+ 0.5	+ 54
14. Kalat	0	0.1	- 0.1	0	0.6	- 0.6	- 93
15. Karachi	0	0	0	0	0.4	- 0.4	- 100
16. Hyderabad	0	0	0	0	0.2	- 0.2	- 100
17. Khairpur	0	0	0	0.1	0.3	- 0.2	- 69
18. 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 May, 1966.

---o:0:0---

SUMMARY OF WEATHER

EAST PAKISTAN : Under the influence of the seasonal trough of low pressure over West Bengal and neighbourhood, local thunderstorms or showers occurred in Rajshahi division on the 21st and 22nd and in Chittagong division only on the 22nd. According to newspaper reports several villages in the Narail sub-division were hit by Norwesters on the 19th and 20th blowing away roofs of 90% houses, uprooting trees, killing some and injuring hundreds of people.

Towards the middle of the week, under the influence of a trough of low pressure over west and central Bay of Bengal, moist southerlies started penetrating into the province and caused widespread thunderstorms or showers in Dacca and Rajshahi divisions and scattered to local elsewhere in the province on the 25th and in Chittagong and Rajshahi divisions on the 23rd and the 24th and in Dacca on the 23rd. Chief amounts of rainfall recorded were:- Rangpur 1" on the 21st; Dinajpur 5" on the 22nd; Sylhet and Rangpur 1½" each on the 23rd and Sylhet 1½" on the 24th and the 25th.

Day temperatures were appreciably to markedly above normal practically in the whole province on the 19th and only in Rajshahi division on the 20th. These were otherwise slightly to appreciably above normal in the province during the rest of the week.

WEST PAKISTAN : In association with the passage of a feeble western disturbance across Multan and Sargodha divisions, scattered thunderstorms or showers occurred in Rawalpindi and Peshawar divisions on the 24th. Weather otherwise, remained dry over West Pakistan.

Day temperatures were slightly to appreciably above normal practically over the whole province outside Karachi division during the week.

2. CHITTAGONG DIVISION :	Local and scattered rain fell on two days each.
DACCA DIVISION :	Rainfall was widespread and local on one day each.
KHULNA DIVISION :	Scattered rain fell on one day.
RAJSHAHI DIVISION :	Widespread rain fell on one day and local on four days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained dry
RAWALPINDI DIVISION :	Scattered rain fell on one day.
SARGODHA DIVISION :	} Weather remained dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Scattered rain fell on one day.
D. I. KHAN DIVISION :	} Weather remained dry.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	} Data not available.
JUNAGADH	

3. Based on the data of the stations having normals, the week's rainfall was in excess in Rajshahi divisions, scanty in Chittagong, Dacca, Khulna and Rawalpindi divisions, whereas no rain fell elsewhere in West Pakistan.

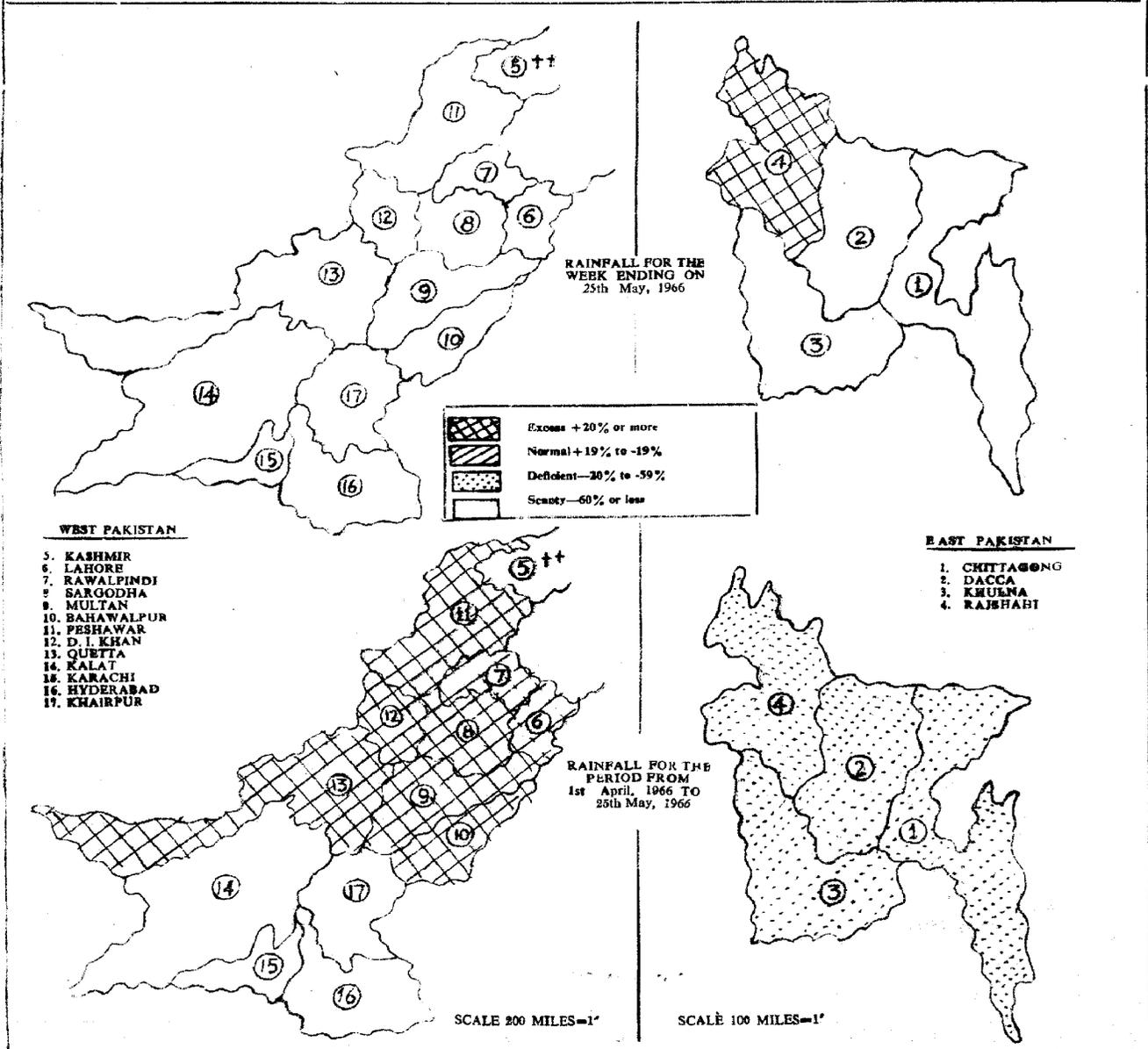
Rainfall for the period from 1st April 1966 to-date was in large excess in Sargodha, Multan and Peshawar divisions; excess in Bahawalpur, D. I. Khan and Quetta divisions; normal in Lahore and Rawalpindi divisions; deficient in East Pakistan and scanty in Kalat and Khairpur divisions. No rain has so far fallen in Karachi and Hyderabad divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan both, for the week and for the period from 1st April 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending 25th May, 1966.			Rainfall for the Period from 1st April, 1966 to 25th May, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0.3	2.9	- 2.5	8.8	15.5	- 6.7	- 43
2. Dacca	0.7	2.5	- 1.8	7.5	12.9	- 5.4	- 34
3. Khulna	0	1.7	- 1.6	4.1	9.2	- 5.1	- 56
4. Rajshahi	2.9	2.1	+ 0.8	6.0	8.5	- 2.5	- 30
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	1.3	1.5	- 0.1	- 7
7. Rawalpindi	0.1	0.5	- 0.5	5.1	4.6	+ 0.4	+ 10
8. Sargodha	0	0.1	- 0.1	2.5	1.2	+ 1.3	+ 109
9. Multan	0	0.1	- 0.1	1.9	0.7	+ 1.2	+ 167
10. Bahawalpur	0	0.1	- 0.1	0.5	0.4	+ 0.2	+ 50
11. Peshawar	0	0.2	- 0.2	6.3	3.3	+ 8.0	+ 90
12. D. I. Khan	0	0.1	- 0.1	2.2	1.4	+ 0.8	+ 55
13. Quetta	0	0.1	- 0.1	1.4	1.0	+ 0.4	+ 38
14. Kalat	0	0	0	0	0.6	- 0.6	- 93
15. Karachi	0	0	0	0	0.4	- 0.4	- 100
16. Hyderabad	0	0.1	- 0.1	0	0.2	- 0.2	- 100
17. Khairpur	0	0	0	0.1	0.3	- 0.2	- 69
18. 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 1st June, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Under the influence of the trough of low pressure over Central Bay of Bengal, moist southerlies continued to penetrate over the province and caused fairly widespread rain or thundershowers in Rajshahi division on the 29th and scattered to local in the whole province on the first three days of the week, in Chittagong division during the rest of the week and in Dacca and Rajshahi divisions on the 30th and 1st. Locally very heavy rain also fell in Chittagong and Khulna divisions on the 27th and only in the former division between the 30th and 1st. As much as 4" of rain was recorded at Sylhet, Srimangal and Jessore on the 27th while Sylhet again recorded 6" of rain on the 30th and 5" on the 1st. According to newspaper reports, a Norwester hit Ponchagarh and adjoining villages in Dinajpur on the 28th causing injuries to 100 persons and rendering several thousand homeless.

Other significant amounts of rainfall recorded were:- Cox's Bazar 2" on the 26th; Rangpur 1½" on the 27th; Chittagong 1½" on the 28th; Maijdee Court and Sylhet 2" each on the 29th; Bogra 2" on the 30th and Sylhet 3" on the 31st.

Day temperatures were slightly to appreciably above normal in the whole province on the first three and on the last two days of the week, in Dacca and Khulna divisions on the 29th and in these and in Chittagong division on the 30th.

WEST PAKISTAN : A western disturbance with its through extending to Sargodha and Lahore divisions, moved across Russian Turkistan between the 28th and 29th. It was closely followed by another disturbance which moved across the northern divisions of the province. Under their combined influence thunderstorms or showers were scattered to local in Lahore, Rawalpindi, Sargodha, Bahawalpur and Peshawar divisions between the 29th and 31st, in Peshawar division on the 28th and the 1st, in Kalat division on the 31st, in Multan division on the 29th, 30th and 1st. According to news paper reports, Lahore was hit by a duststorm causing power breakdown and uprooting many trees on the 29th. Next day Rawalpindi was struck by a squall with wind speed reaching 65 m.p.h causing some damage to thatched houses.

Amongst the significant amounts of rainfall Rawalpindi recorded 2" on the 30th and Parachinar reported 1½" on the 31st.

Day temperatures were slightly to appreciably above normal in the whole province outside Karachi division on the 26th and the 27th and in the northern divisions on the 28th. These were to the same extent below normal in Hyderabad, Karachi, Quetta and Kalat divisions on the 29th; in the last named two divisions on the 30th and in the whole province outside Karachi division on the 31st and 1st.

2. CHITTAGONG DIVISION :	Local rain fell throughout the week.
DACCA DIVISION :	Scattered rain fell on five days.
KHULNA DIVISION :	Local rain fell on one day and scattered on two days
RAJSHAHI DIVISION :	Fairly widespread rain fell on one day, local on two days and scattered on three days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Scattered rain fell on two days.
RAWALPINDI DIVISION :	Local rain fell on two days.
SARGODHA DIVISION :	Local rain fell on two days.
MULTAN DIVISION :	} Weather remained mainly dry.
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Local rain fell on one day and scattered on three days.
D. I. KHAN DIVISION :	Weather remained dry.
QUETTA DIVISION :	Weather remained mainly dry.
KALAT DIVISION :	Scattered rain fell on one day.
KARACHI DIVISION :	} Weather remained dry.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH :	Data not available.

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

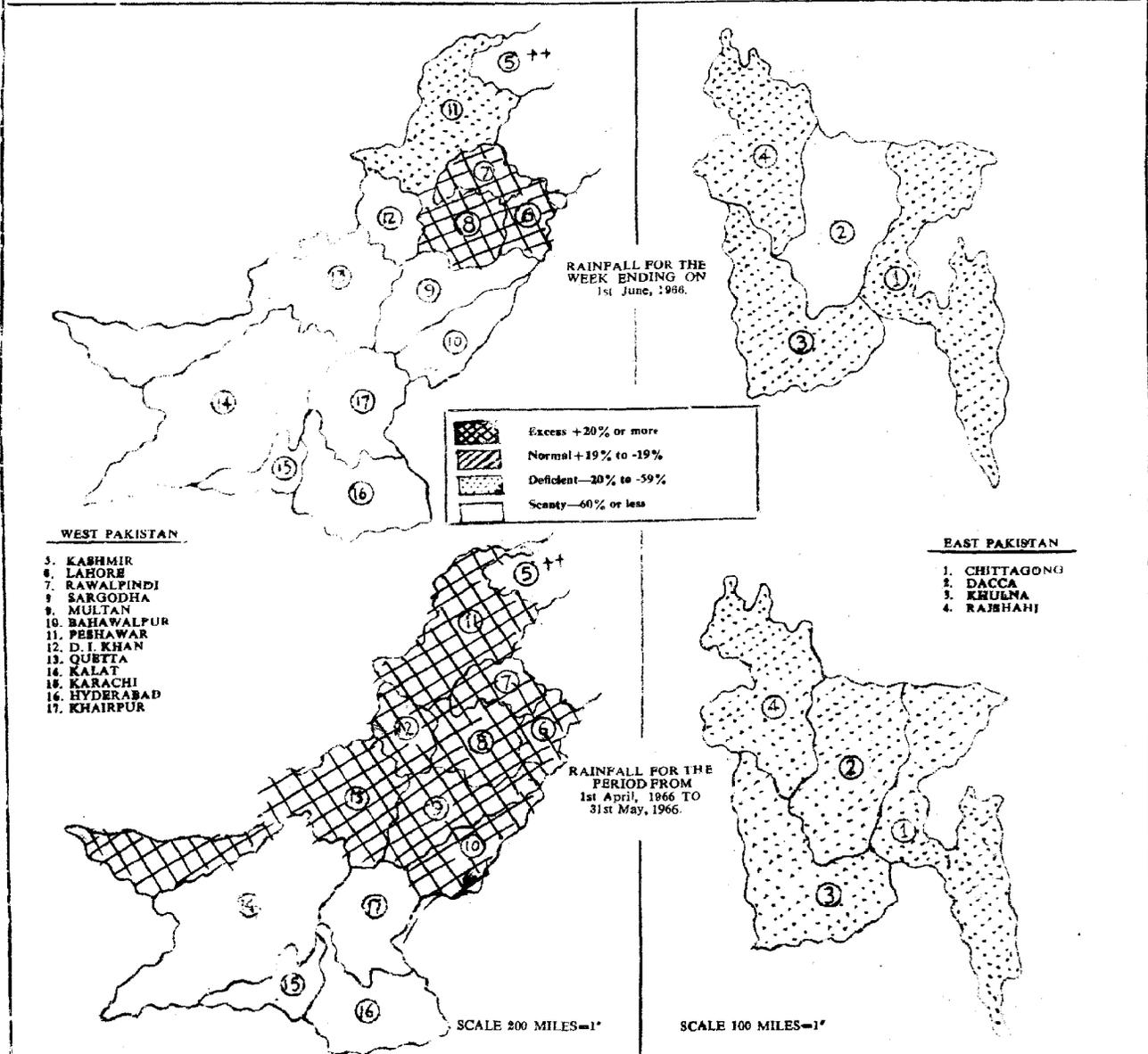
Rainfall for the period from 1st April 1966 to 31st May 1966 was in large excess in Sargodha, Multan and Peshawar divisions; excess in Rawalpindi, Bahawalpur, D. I. Khan Quetta divisions; normal in Lahore division; deficient in East Pakistan and scanty in Kalat and Khairpur divisions. No rain has fallen so far in Karachi and Hyderabad divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week for the period from 1st April 1966.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 1st June, 1966.			Rainfall for the Period from 1st April, 1966 to 31st May, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per- Cent
1. Chittagong	2.5	3.7	- 1.1	11.2	18.5	- 7.3	- 40
2. Dacca	1.6	3.3	- 2.1	8.2	15.7	- 7.5	- 48
3. Khulna	1.6	2.3	- 0.7	5.6	11.2	- 5.5	- 49
4. Rajshahi	2.0	3.3	- 1.3	8.0	11.4	- 3.4	- 30
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.2	0.1	+ 0.1	1.6	1.6	0	- 2
7. Rawalpindi	1.3	0.4	+ 0.9	6.4	5.0	+ 1.4	+ 28
8. Sargodha	0.3	0.1	+ 0.1	2.7	1.3	+ 1.4	+ 110
9. Multan	0	0.1	- 0.1	1.9	0.8	+ 1.1	+ 146
10. Bahawalpur	0	0	0	0.5	0.4	+ 0.1	+ 35
11. Peshawar	0.1	0.2	0	6.4	3.5	+ 2.9	+ 84
12. D. I. Khan	0	0.1	- 0.1	2.2	1.5	+ 0.7	+ 48
13. Quetta	0	0.1	- 0.1	1.4	1.1	+ 0.3	+ 28
14. Kalat	0	0	0	0	0.6	- 0.6	- 93
15. Karachi	0	0	0	0	0.4	- 0.4	- 100
16. Hyderabad	0	0	0	0	0.3	- 0.3	- 100
17. Khairpur	0	0	0	0	0.3	- 0.2	- 69
18. 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 8th June, 1966.

—o—o—o—

SUMMARY OF WEATHER

EAST PAKISTAN: Last week's well marked low pressure area over central Bay of Bengal concentrated into a depression on the first day of the week and was centred at 02,1200 GMT near Latitude 17°N and Longitude 88°E. It moved northwards, crossed coast about 40 miles southeast of Gopalpur on the next day and by the 4th morning weakened into a low pressure area over Madhya Pradesh. In its association monsoon penetrated into East Pakistan and caused widespread rain or thundershowers in Chittagong, Dacca and Khulna divisions on the 4th, local to fairly widespread in these divisions on the 3rd, in the whole province on the 5th and the 6th and scattered to local in Chittagong and Rajshahi divisions practically during the rest of the week and in Dacca division on the 2nd. Locally heavy rain fell in Chittagong, Dacca and Khulna divisions on the 3rd and 4th and very heavy falls in the first named division on the 7th and the 8th when Sylhet recorded 8" and Cox's bazar 4" of rain. These stations again recorded 4" and 5" respectively on the 7th. According to newspaper reports 3 persons were killed and 1800 persons were rendered homeless and 6080 houses damaged when a norwestes hit 15 unions of Gaihendha sub-division on the 8th.

The significant amounts of rain recorded were:- Faridpur 2" on the 3rd; Maijdee Court, Comilla and Sylhet 2" each on the 4th; Comilla 3" on the 6th and Chittagong 2" on the 7th.

Day temperatures were slightly to appreciably above normal in the province on the 2nd and the 3rd; in Rajshahi division on the 6th and in Dacca, Khulna and Rajshahi divisions on the 7th and the 8th and were to the same extent below normal in the whole province on the 5th; in Dacca and Khulna divisions on the 4th and only in Chittagong divisions on the 7th and the 8th.

WEST PAKISTAN: Three feeble western disturbances affected the weather over the province. The first two moved across the extreme northern parts of the province and caused a few falls of light rain or thunderstorms in Sargodha, Multan and Peshawar divisions on the 2nd and in Rawalpindi and Peshawar divisions on the 5th. The third approached east Russian Turkistan with its trough extending to Afghanistan and adjoining West Pakistan on the last day of the week where a few thunderstorms occurred in Multan and Khairpur divisions.

Day temperatures were slightly to appreciably below normal practically in the whole province on the first two days of the week and in Quetta, Kalat and Karachi divisions on the 4th, 5th and the 8th and were to the same extent to above normal in Multan, Bahawalpur, Hyderabad, Lahore and Peshawar divisions between the 4th and the 8th.

2. CHITTAGONG DIVISION :	Widespread and Fairly widespread rain fell on one day each and local on five days.
DACC A DIVISION :	Widespread and fairly widespread rain fell on two days each and scattered on one day.
KHULNA DIVISION :	Widespread and local rain fell on one day each and fairly widespread on two days.
RAJSHAHI DIVISION :	Local rain fell on four days and scattered on two days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained dry.
RAWALPINDI DIVISION :	} Weather remained mainly dry
SARGODHA DIVISION :	
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	
D. I. KHAN DIVISION :	} Weather remained dry.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	} Weather was mainly dry.
KHAIRPUR DIVISION :	
JUNAGDH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Chittagong and Khulna divisions, normal in Dacca division, deficient in Rajshahi division, whereas no rain fell in West Pakistan.

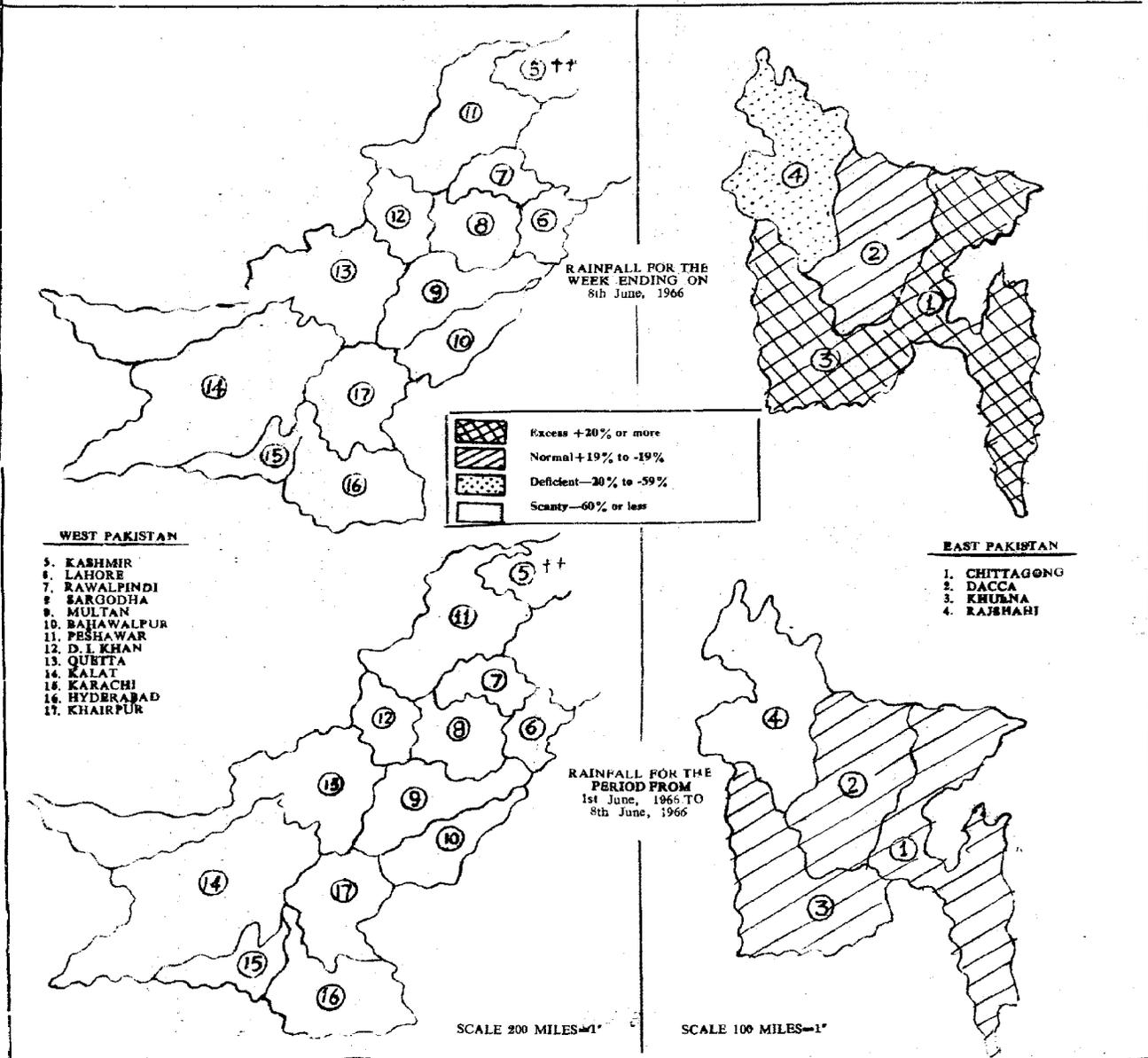
Rainfall for the period from 1st November 1965 to-date was normal in Chittagong, Dacca and Khulna divisions and scanty in Rajshahi division. No rain has fallen in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June, 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 8th June, 1966.			Rainfall for the Period from 1st June, 1966 to 8th June, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	5.3	4.0	+ 1.3	5.4	4.6	+ 0.8	+ 17
2. Dacca	3.1	3.2	— 0.1	3.5	3.6	— 1.0	— 2
3. Khulna	2.7	2.2	+ 0.5	2.7	2.5	+ 0.3	+ 11
4. Rajshahi	1.2	2.9	— 1.7	1.5	3.4	— 2.9	— 86
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	— 0.1	0	0.1	— 0.1	— 100
7. Rawalpindi.	0	0.4	— 0.4	0	0.4	— 0.4	— 100
8. Sargodha	0	0.1	— 0.1	0	0.1	— 0.1	— 100
9. Multan	0	0	0	0	0	0	— 100
10. Bahawalpur	0	0	0	0	0	0	— 100
11. Peshawar	0	0.2	— 0.2	0	0.2	— 0.2	— 100
12. D. I. Khan	0	0.1	— 0.1	0	0	— 0.1	— 100
13. Quetta	0	0	0	0	0.1	— 0.1	— 100
14. Kalat	0	0	0	0	0	0	0
15. Karachi	0	0	0	0	0	0	— 100
16. Hyderabad	0	0	0	0	0	0	— 100
17. Khairpur	0	0	0	0	0	0	— 100
18. Junagadh	—	—	—	—	—	—	—

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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 15th June, 1966.

---o:O:o---

SUMMARY OF WEATHER

EAST PAKISTAN : Except in Chittagong division, where local to fairly widespread rain or thundershowers occurred during the first five days with a few very heavy falls between the 9th and 11th, monsoon was generally weak over the province and caused mainly scattered thunder rain activity in Dacca division on the 10th, 13th and 15th, in Khulna division on the 13th and in Rajshahi division on the 13th and 15th. As a result of the approach an easterly low pressure area into the northeast Bay of Bengal monsoon activity declined even in Chittagong division during the last two days of the week when only scattered falls were recorded.

The heavy falls of the order of 8" at Sylhet on the 11th and 4" on the 9th and 10th and the earlier heavy downpours received in Chittagong division and Assam during the preceding week caused floods in Sylhet district. According to newspaper reports 30 people were drowned, one and half lakh cattle died and several lakhs of people were rendered homeless.

Other significant amounts of rainfall recorded were : Srimangal 7" and Cox's Bazar 2" on the 11th and Cox's Bazar 1" on the 13th and Chittagong 3" and Brahmanbaria 1½" on the 15th.

Day temperatures were slightly to appreciably above normal in the province outside Chittagong division on the 9th, 11th and 12th, in the whole province on the 15th, in Khulna and Rajshahi divisions on the 13th and only in Rajshahi division on the 14th and were to the same extent below normal in Chittagong and Dacca divisions on the 13th and in Rajshahi division on the 14th.

WEST PAKISTAN : Last week's western disturbance moved across the extreme northern parts of the province and caused scattered thundershowers in Rawalpindi division on the 10th and a few thunderstorms in Multan, Bahawalpur and Peshawar divisions between the 9th and 10th and in Rawalpindi, Sargodha and Peshawar divisions on the 11th. Another western disturbance while moving across Kashmir caused scattered thunderstorms or showers in Lahore, Rawalpindi, Sargodha and Quetta divisions on the last day of the week. Lahore recorded 1/4" of rain on the 15th.

Day temperatures were slightly to appreciably above normal in Lahore, Sargodha, Rawalpindi, Bahawalpur, Peshawar and D. I. Khan divisions on the 9th, 11th, 13th and 14th and only in Peshawar division on the 10th, 12th and 15th and were to the same extent below normal in the northern and central divisions on the 15th and most of the southern divisions during the rest of the week.

2. CHITTAGONG DIVISION :	Fairly widespread rain fell on one day, local on four days and scattered on two days.
DAECA DIVISION :	Local rain fell on one day and scattered on two days.
KHULNA DIVISION :	Local rain fell on one day.
RAJSHAHI DIVISION :	Rainfall was local and scattered on one day each.
KASHMIR :	Data not available.
LAHORE DIVISION :	Scattered rain fell on one day.
RAWALPINDI DIVISION :	Scattered rain fell on one day.
SARGODHA DIVISION :	} Weather remained mainly dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	
D. I. KHAN DIVISION :	} Weather remained dry.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH	Data not available.

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

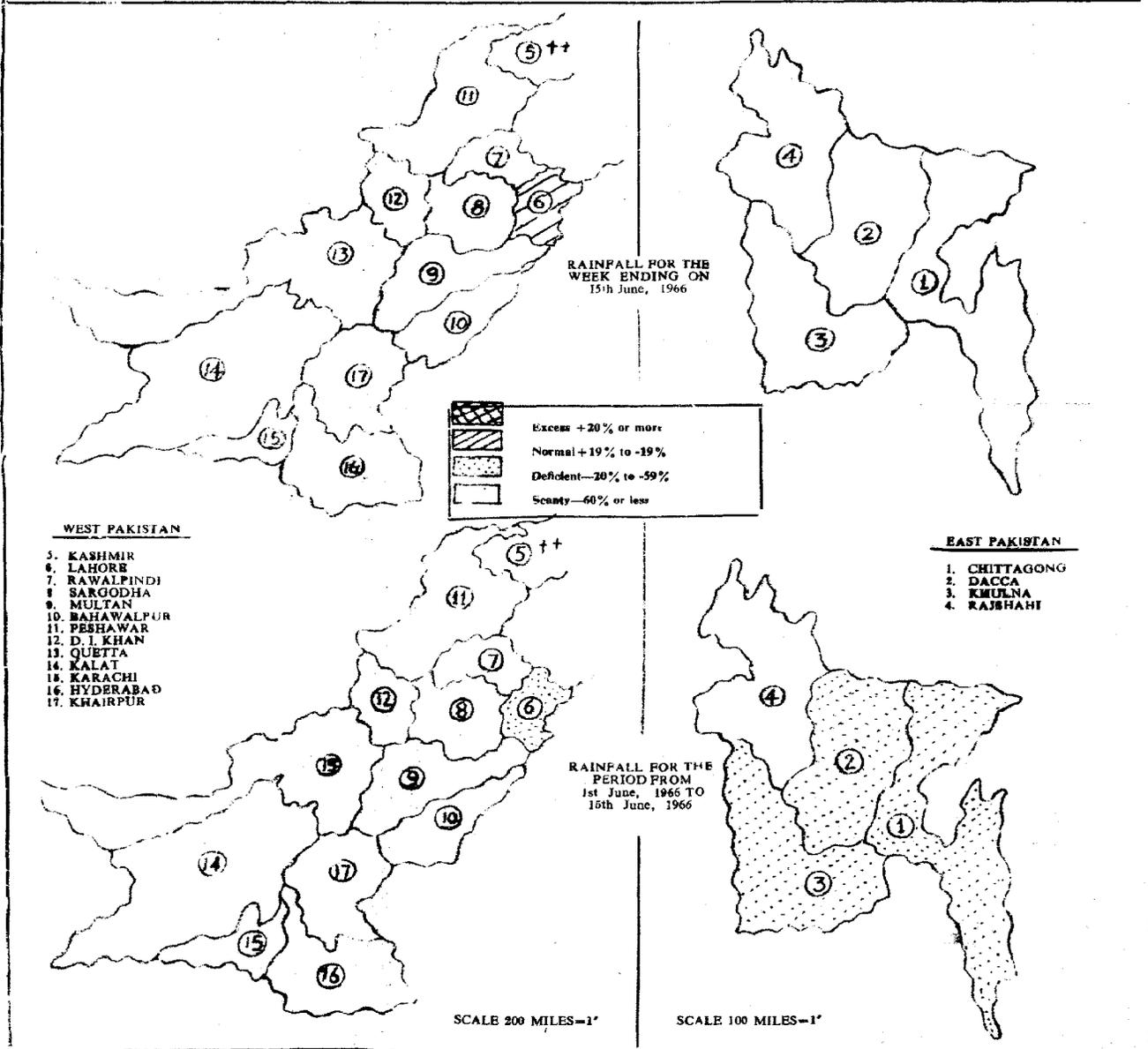
Rainfall for the period from 1st June, 1966 to-date was in deficient in Chittagong, Dacca, Khulna and Lahore divisions and scanty in Rajshahi and Rawalpindi divisions. No rain has fallen elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan both for the week and for the period from 1st June, 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 15th June, 1966.			Rainfall for the Period from 1st June, 1966 to 15th June, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	1.9	5.3	— 3.4	7.3	9.9	— 2.6	— 26
2. Dacca	0.3	3.4	— 3.6	3.9	7.6	— 3.7	— 49
3. Khulna	0.2	3.0	— 2.8	2.9	5.4	— 2.5	— 47
4. Rajshahi	0.7	3.6	— 2.9	2.2	7.0	— 4.8	— 69
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.2	0.2	0	0.2	0.3	— 0.2	— 39
7. Rawalpindi	0.1	0.6	— 0.5	0.1	1.0	— 0.9	— 91
8. Sargodha	0	0.2	— 0.2	0	0.3	— 0.3	— 100
9. Multan	0	0.2	— 0.2	0	0.2	— 0.2	— 100
10. Bahawalpur	0	0.1	— 0.1	0	0.1	— 0.1	— 100
11. Peshawar	0	0.2	— 0.2	0	0.3	— 0.3	— 100
12. D. I. Khan	0	0.1	— 0.1	0	0.2	— 0.2	— 100
13. Quetta	0	0.1	— 0.1	0	0.2	— 0.2	— 100
14. Kalat	0	0	0	0	0	0	— 100
15. Karachi	0	0	0	0	0.1	— 0.1	— 100
16. Hyderabad	0	0.1	— 0.1	0	0.1	— 0.1	— 100
17. Khairpur	0	0	0	0	0	0	— 100
18. 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 22nd June, 1966.

—o:Oo—

SUMMARY OF WEATHER

EAST PAKISTAN: Last week's easterly low pressure area in the northeast Bay of Bengal concentrated into a depression on the first day of the week and was centred at 16.0300 GMT near Latitude 20°N and Longitude 90°E. Moving initially northwestwards and then receding northeastwards it moved away across East Pakistan to Assam by the evening of 18th. Another easterly low pressure area appeared over the head Bay of Bengal on the 20th and moving northwestwards lay over West Bengal and neighbourhood on the last day of the week. Under their combined influence rain or thundershowers were widespread in Chittagong division and local to fairly widespread elsewhere in the province practically throughout the week. Locally heavy to very heavy rain fell in Chittagong division throughout the week and in the rest of the province on a few days. The heaviest fall 17.16" of the week was recorded at Cox's Bazar on the 21st.

Other significant amounts of rainfall recorded were:—Srimangal 6" and Sylhet 4" on the 16th; Khulna 3" on the 17th; Comilla 7" and Cox's Bazar 6" on the 18th; Cox's Bazar 7" Chittagong and Sylhet 6" each and Saitkhira 4" on the 19th; Comilla 5" on the 20th; Chittagong 4" on the 21st and Mymensingh 6" and Faridpur 4" on the 22nd.

Day temperatures were markedly to considerably below normal in Rajshahi division and slightly to appreciable so elsewhere in the province on the 21st, in the whole province on the 18th, 20th and 22nd and only in Chittagong division on the 19th. These were otherwise slightly to appreciably above normal in the province on the 16th and in Rajshahi and Dacca divisions on the 19th.

WEST PAKISTAN: A western disturbance while moving across Peshawar division and Kashmir with its trough extending to Multan division caused fairly widespread rain or thundershowers in Sargodha division and scattered to local in Lahore, Rawalpindi, Bahawalpur and Peshawar divisions and a few thunderstorms in Multan and Kalat divisions on the 17th and in Bahawalpur, Peshawar and Quetta divisions on the 18th. Another western disturbance approached Afghanistan on the 19th and moved away across Kashmir by the end of the week. Simultaneously an easterly low pressure area appeared over Modhya Bharat on the 22nd and moving west-northwest-wards lay over West Rajasthan on the 22nd. Under their combined influence thunderstorms or shower were fairly widespread in Multan division on the 20th and scattered to local in Rawalpindi, Peshawar and Quetta divisions on the 19th and in these and in Lahore, Sargodha, Multan, D. I. Khan and Khairpur divisions between the 20th and 21st, in Rawalpindi, Peshawar Quetta and Kalat divisions on the 22nd and in Hyderabad divisions only on the 21st.

Chief amounts of rainfall recorded during the week were:—Murree 2" on the 19th; Barkhan 2", Montgomery 1½" and Sialkot 1, on the 20th and Khuzdar 2" on the 22nd.

Day temperatures were markedly to considerably below normal in Lahore division on the 22nd and in Multan, Lahore, Sargodha and Rawalpindi divisions on 21st and slightly to appreciably so elsewhere in northern and central divisions on three days, in most of the northern and central divisions on the 16th, 17th and the 20th, only in Lahore division on the 18th and in Khairpur and Bahawalpur divisions on the 19th. These were otherwise slightly to appreciably above normal in Quetta and Kalat divisions practically throughout the week.

2. CHITTAGONG DIVISION :	Widespread rain fell on five days and fairly widespread on two days.
DACCA DIVISION :	Widespread rain fell on three days, fairly widespread on two days and local on one day.
KHULNA DIVISION :	Widespread rain fell on two days fairly widespread on one day and local on three days.
RAJSHAHI DIVISION :	Local rain fell on four days and scattered on two days
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on three days.
RAWALPINDI DIVISION :	Local rain fell on three days and scattered on two days.
SARGODHA DIVISION :	Fairly widespread and scattered rain fell on one day each.
MULTAN DIVISION :	Fairly widespread and local rain fell on one day each.
BAHAWALPUR DIVISION :	Local rain fell on one day.
PESHAWAR DIVISION :	Rainfall was local on one day and scattered on three days.
D. I. KHAN DIVISION :	Scattered rain fell on one day.
QUETTA DIVISION :	Local rain fell on one day and scattered on two days.
KALAT DIVISION :	Scattered rain fell on one day.
KARACHI DIVISION :	Weather remained dry.
HYDERABAD DIVISION :	Scattered rain fell on one day.
KHAIRPUR DIVISION :	Scattered rain fell on one day.
JUNAGDH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Chittagong, Dacca, Rawalpindi, Multan and Quetta divisions; excess in Khulna, divisions; normal in Lahore and Sargodha divisions, deficient in Rajshahi division and scanty in Peshawar division whereas no rain fell elsewhere in West Pakistan.

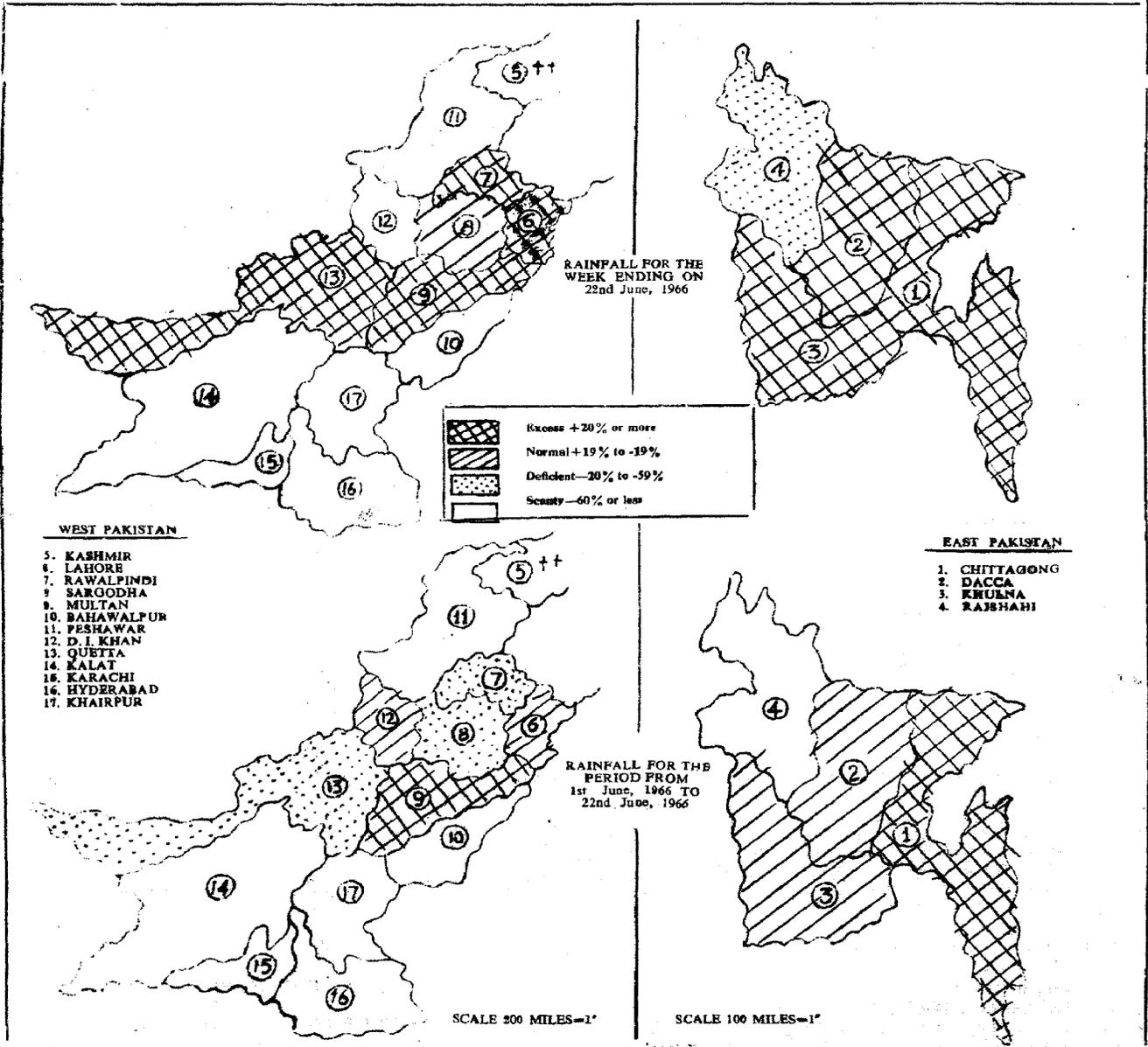
Rainfall for the period from 1st June 1966 to-date was in large excess in Multan, division; excess in Chittagong division; normal in Khulna, Lahore and D. I. Khan division; deficient in Rawalpindi, Sargodha and Quetta divisions and scanty in Rajshahi and Peshawar divisions. No rain has fallen so far elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June, 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending 22nd June, 1966.			Rainfall for the Period from 1st June, 1966 to 22nd June, 1966.			
	Actual	Normal	*Excess or defect	Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	15.9	5.6	+ 10.3	23.2	15.5	+ 7.7	+ 50
2. Dacca	7.9	3.3	+ 4.6	11.8	10.9	+ 0.9	+ 9
3. Khulna	5.3	4.0	+ 1.3	8.2	9.4	- 1.2	- 13
4. Rajshahi	1.6	3.5	- 1.9	3.8	10.4	- 6.7	- 64
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.8	0.7	0	0.9	1.0	- 0.1	- 7
7. Rawalpindi	1.3	0.7	+ 0.6	1.4	1.7	- 0.3	- 20
8. Sargodha	0.3	0.3	0	0.3	0.7	- 0.3	- 50
9. Multan	1.2	0.3	+ 0.9	1.2	0.5	+ 0.7	+ 120
10. Bahawalpur	0	0.1	- 0.1	0	0.2	- 0.2	- 100
11. Peshawar	0	0.1	- 0.1	0	0.5	- 0.5	- 96
12. D. I. Khan	0.4	0.2	+ 0.2	0.4	0.4	0	- 3
13. Quetta	0.2	0.1	+ 0.1	0.2	0.3	- 0.1	- 39
14. Kalat	0	0.1	- 0.1	0	0.1	- 0.1	- 100
15. Karachi	0	0.1	- 0.1	0	0.1	- 0.1	- 100
16. Hyderabad	0	0.1	- 0.1	0	0.1	- 0.1	- 100
17. Khairpur	—	—	—	—	—	—	—
18. 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 29th June, 1966.

—:O:—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's easterly low pressure area remained practically stationary over West Bengal and adjoining areas during the first two days of the week, thereafter it moved westnorthwest-wards and merged with the seasonal trough of low pressure extending from Bihar to head Bay of Bengal. In its association local to fairly widespread rain or thundershowers occurred in the province between the 23rd and the 27th. With the approach of another well marked easterly low pressure area over the northwest Bay of Bengal monsoon activity slackened over the province. Only scattered to local rain or thundershowers occurred in Rajshahi, Khulna and Chittagong divisions on the 28th. As the low pressure area moved north-west wards to West Bengal and neighbourhood monsoon again became active and fairly widespread to widespread rain with a few heavy falls in the province during the last two days of the week.

Significant amounts of rainfall recorded were:- Barisal 3" and Cox's Bazar, Khulna and Jessore 2" each on the 23rd; Cox's Bazar 5" and Chittagong 2" on the 24th; Jessore 2" on the 27th; Cox's Bazar 2" on the 28th and Rajshahi 3" and Majdee Court and Faridpur 2" each on the 29th.

Day temperatures were slightly to appreciably below normal in the province on the 23rd and the 24th and only in Chittagong division on the 27th. These were otherwise nearly normal over the province during the rest of the week.

WEST PAKISTAN : Last week's easterly low pressure area over West Rajasthan became unimportant by the 24th after moving to Multan and Bahawalpur divisions, simultaneously a western disturbance approached Peshawar division on the 24th and moved away across Kashmir by the 27th. Under their combined influence thundershowers were local to fairly widespread in Lahore and Rawalpindi divisions between the 23rd and the 26th and scattered to local in D. I. Khan, Quetta and Hyderabad divisions on the 23rd, in Kalat division on the 24th and the 25th, in Hyderabad division on the 26th and in Rawalpindi divisions on the 27th. A few thunderstorms or light rain was also reported from Kalat and Karachi divisions on the 23rd and from Sargodha, Multan Peshawar and Quetta divisions between the 24th and the 25th. Thereafter, the seasonal trough of low pressure extending from Kalat division to D. I. Khan division became accentuated and caused scattered thunderstorms or showers in Rawalpindi and Peshawar divisions.

Chief amounts of rainfall recorded were:- Sialkot and Rawalpindi 2" each and Chhor 1½" on the 23rd; Muree 1½" on the 24th; Rawalpindi 4" and Jhelum 1½" on the 25th; Jhelum 1" on the 26th and 1½" on the 29th.

Day temperatures were markedly to considerably below normal in Peshawar division and slightly to appreciably so in Quetta and Kalat divisions on the 29th; in the province outside the southern divisions on the 23rd, 24th and the 26th; in Rawalpindi, Lahore, Sargodha, Khairpur and Hyderabad divisions on the 25th and the 27th and in last two named divisions on the 28th. These were otherwise slightly above normal in Quetta division on the 24th and the 26th; in Hyderabad and Khairpur divisions on the 27th and in Sargodha, Quetta and Kalat divisions on the 28th.

2. CHITTAGONG DIVISION :	Widespread rain fell on one and fairly widespread and local on three days each.
DACCA DIVISION :	Widespread rain fell on three days, local on one day and scattered on two days.
KHULNA DIVISION :	Widespread and fairly widespread rain fell on three days each and scattered on one day.
RAJSHAHI DIVISION :	Fairly widespread rain fell on three days and local on four days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Fairly widespread rain fell on three days.
RAWALPINDI DIVISION :	Fairly widespread rain fell on two days, local on one day and scattered on three days.
SARGODHA DIVISION :	} Weather remained mainly dry during the week.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	
D. I. KHAN DIVISION :	Scattered rain fell on one day.
QUETTA DIVISION :	Local rain fell on one day.
KALAT DIVISION :	Scattered rain fell on two days.
KARACHI DIVISION :	Weather remained mainly dry during the week.
HYDERABAD DIVISION :	Local and scattered rain fell on one day each.
KHAIRPUR DIVISION :	Weather remained mainly dry.
JUNAGADH	Data not available.

3. Based on the data of the stations having normals, the week's rainfall was in large excess in Lahore and Rawalpindi divisions; excess in Khulna division normal in Chittagong divisions; deficient in Dacca and Hyderabad divisions and scanty in Rajshahi, Multan, Quetta, Kalat and Karachi divisions whereas no rainfall elsewhere in West Pakistan.

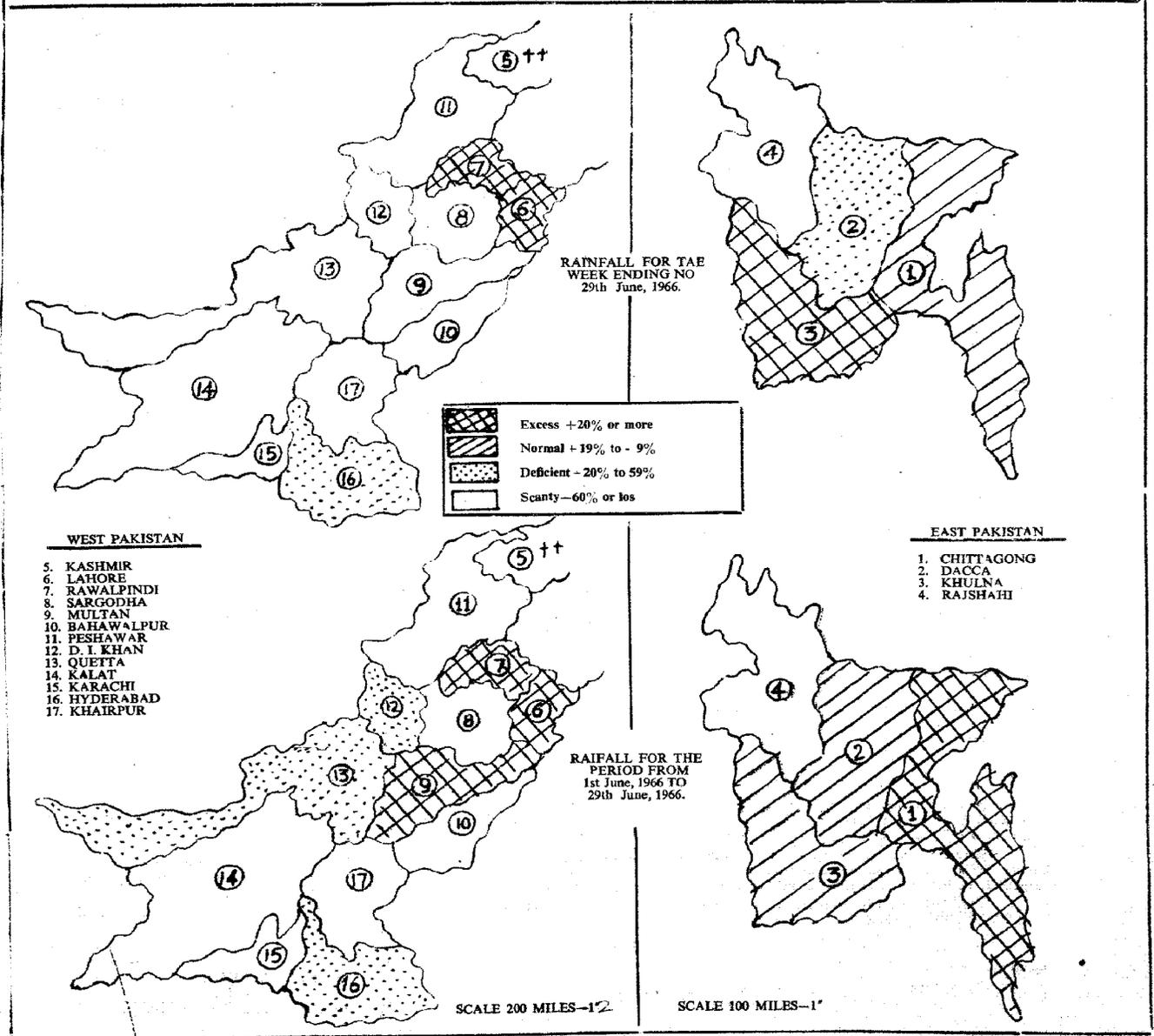
Rainfall for the period from 1st June 1966 to-date was in large excess in Rawalpindi and Multan divisions; excess in Chittagong, Lahore divisions normal in Dacca and Khulna divisions, deficient in D. I. Khan, Quetta and Hyderabad divisions and scanty in Rajshahi, Sargodha, Peshawar, Kalat and Karachi divisions. No rain has fallen so far in Khairpur and Bahawalpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan both, for the week and for the period from 1st June 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending on 29th June, 1966.			Rainfall for the Period from 1st June, 1966 to 29th June, 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	5.0	5.2	- 0.2	28.2	20.7	+ 7.5	+ 36
2. Dacca	2.3	3.4	- 1.2	14.1	14.3	- 0.2	- 1
3. Khulna	5.1	3.9	+ 1.2	13.3	13.3	- 0	Normal
4. Rajshahi	1.4	3.9	- 2.5	5.2	14.4	- 9.2	- 64
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	1.6	0.9	+ 0.7	2.5	1.9	+ 0.7	+ 35
7. Rawalpindi	4.2	1.3	+ 2.9	5.6	3.0	+ 2.6	+ 87
8. Sargodha	0	0.6	- 0.6	0.3	1.2	- 0.9	- 73
9. Multan	0	0.1	- 0.1	1.2	0.7	+ 0.7	+ 80
10. Bahawalpur	0	0.1	- 0.1	0	0.3	- 0.3	- 100
11. Peshawar	0	0.2	+ 0.2	0	0.7	- 0.7	- 97
12. D. I. Khan	0	0.4	+ 0.4	0.4	0.7	- 0.4	- 50
13. Quetta	0	0.1	+ 0.1	0.2	0.4	- 0.2	- 54
14. Kalat	0	0.1	- 0.1	0	0.2	- 0.2	- 87
15. Karachi	0	0.2	- 0.2	0	0.4	- 0.4	- 97
16. Hyderabad	0.4	0.5	- 0.1	0.4	0.6	- 0.2	- 39
17. Khairpur	0	0.1	- 0.1	0	0.2	- 0.2	- 100
18. Junaghad	—	—	—	—	—	—	—

*In the calculation of excess 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 13th July, 1966.

—:0:0—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's trough of low pressure gradually became unimportant over northeast Bay of Bengal by the 10th thereafter the axis of monsoon trough shifted northwestwards and extended from Uttar Pradesh to the Head Bay of Bengal. In its association monsoon activity increased in the province and fairly widespread rain or thundershowers occurred in Chittagong division on the 7th, 12th and the 13th, in Dacca division on the 12th, in Khulna division on the 7th, 8th, and 9th and in Rajshahi division on the 11th, 12th and the 13th and scattered to local otherwise in the province during the rest of the week. Locally heavy falls also occurred in Chittagong and Khulna divisions between the 7th and the 8th and again between the 11th and the 13th.

Chief amounts of rainfall recorded were : Rajshahi 3" and Majdee Court and Srimangal 2" each on the 7th, Dinajpur 3" on the 13th.

Day temperatures were slightly to appreciably above normal practically over the whole province on the 10th and the 11th and in Khulna and Rajshahi divisions between the 12th and the 13th and were slightly below normal in Chittagong division on the 7th.

WEST PAKISTAN : A feeble western disturbance while moving across Kashmir caused scattered thundershowers in Quetta division and light rain or thunderstorms in Lahore, Rawalpindi and Peshawar divisions on the 7th. Thereafter, weather remained dry over the province except for the last day of the week, when shallow incursion of monsoon took place in the northeastern districts of the province, causing scattered thundershowers in Lahore and Rawalpindi divisions and a few thunderstorms in Sargodha and Peshawar divisions on the 13th. Lahore recorded $\frac{1}{4}$ " of rainfall on the 13th.

Day temperatures were appreciably to markedly below normal in Lahore, Rawalpindi, Peshawar, D. I. Khan, Sargodha, Multan and Khairpur divisions and slightly so in Bahawalpur and Quetta divisions on the 7th and in the whole province outside Karachi and Hyderabad divisions on the 8th. These were otherwise slightly to appreciably above normal in the province outside Karachi and Khairpur divisions between the 10th and the 13th and only in the northern divisions on the 9th and the 13th.

2. CHITTAGONG DIVISION :	Widespread rain fell on one day, fairly widespread on two days and local on four days.
DACCA DIVISION :	Rainfall was fairly widespread on one day, local on two days and scattered on three days.
KHULNA DIVISION :	Fairly widespread and scattered rain fell on three days each.
RAJSHAHI DIVISION :	Widespread and scattered rain fell on one day each, fairly widespread on two days and local on three days.
KASHMIR :	Data not available.
LAHORE DIVISION :	} Scattered rain fell on one day.
RAWALPINDI DIVISION :	
SARGODHA DIVISION :	} Weather remained dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Weather remained mainly dry.
D. I. KHAN DIVISION :	Weather remained dry.
QUETTA DIVISION :	Scattered rain fell on one day.
KALAT DIVISION :	} Weather remained dry.
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH	Data not available.

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

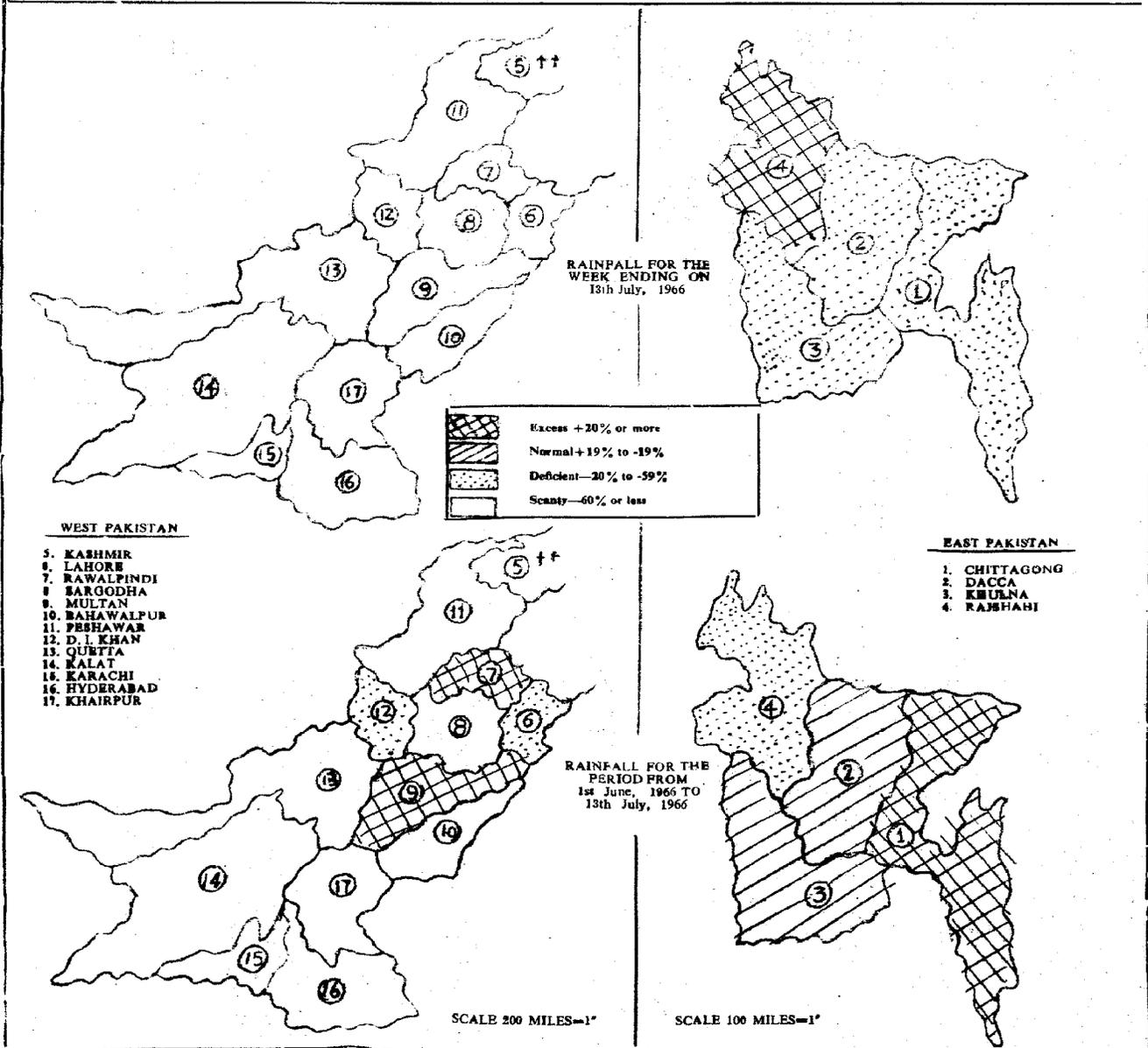
Rainfall for the period from 1st June 1966 to-date was in excess in Chittagong, Rawalpindi and Multan divisions; normal in Dacca and Khulna divisions; deficient in Rajshahi, Lahore, D.I. Khan divisions and scanty in Sargodha, Bahawalpur, Peshawar, Quetta, Kalat and Hyderabad divisions. No rain has fallen so far in Karachi and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the period from 1st June 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 13th July, 1966.			Rainfall for the Period from 1st June, 1966 to 13th July, 1966.			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	2.2	4.5	- 2.2	39.7	29.7	+ 10.0	+ 34
2. Dacca	2.1	3.1	- 1.1	23.4	20.6	+ 2.7	+ 13
3. Khulna	1.7	3.0	- 1.3	17.6	19.6	- 2.0	- 10
4. Rajshahi	5.8	3.4	+ 2.3	16.5	21.6	- 5.0	- 23
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.3	1.7	- 1.5	3.9	5.0	- 1.1	- 21
7. Rawalpindi	0.1	2.2	- 2.1	9.1	6.9	+ 2.2	+ 32
8. Sargodha	0	0.8	- 0.8	0.9	2.6	- 1.7	- 65
9. Multan	0	0.5	- 0.5	2.3	1.8	- 0.5	+ 28
10. Bahawalpur	0	0.5	- 0.5	0.1	1.2	- 1.1	- 93
11. Peshawar	0	0.7	- 0.7	0.4	1.7	- 1.2	- 74
12. D. I. Khan	0	0.5	- 0.5	1.1	1.6	- 0.5	- 34
13. Quetta	0	0.2	- 0.2	0.2	0.7	- 0.5	- 70
14. Kalat	0	0.1	- 0.1	0	0.5	- 0.5	- 99
15. Karachi	0	0.5	- 0.5	0	1.0	- 1.0	- 100
16. Hyderabad	0	0.6	- 0.6	0.4	0.9	- 0.5	- 60
17. Khairpur	0	0.2	- 0.2	0	0.6	- 0.6	- 100
18. 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 27th July, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Monsoon was moderately active and caused local to fairly widespread rain or thundershowers in the province between the 21st and the 22nd and only in Chittagong division between the 23rd and 24th. Thereafter, an easterly low pressure area moved into northeast Bay of Bengal on the 25th and persisted over there till the end of the week. Under its influence scattered to local rain or thundershowers occurred in Chittagong and Khulna divisions on the 25th and local to fairly widespread in the province on the 26th and the 27th.

Chief amounts of rainfall recorded were :—Srimangal 4" on the 21st and 3" on the 22nd; Sylhet 2" on the 23rd; Sylhet and Jessore 1" each on the 26th and Sylhet 1½" and Cox's Bazar, Majdee Court and Narayanganj 1" each on the 27th.

Day temperatures were slightly to appreciably above normal in Khulna division on the 26th and slightly so practically in the whole province during the rest of the week.

WEST PAKISTAN : Last week's depression weakened and lay as a well marked low over south Hyderabad and adjoining Karachi division on the 21st. It gradually weakened and merged with the seasonal trough of low pressure over Quetta and Kalat divisions by the 24th. In its association monsoon easterlies penetrated into the northern parts of the province and caused local to fairly widespread rain or thundershowers with locally rather heavy to very heavy falls in Karachi, Hyderabad and Khairpur divisions and scattered to local in Rawalpindi, Quetta, Lahore, Bahawalpur and Kalat divisions between the 21st and the 22nd, in the first two named divisions and in Khairpur division between the 23rd and the 24th and in Bahawalpur and Peshawar divisions only on the 23rd. A few falls of light rain or thundershowers also occurred in Sargodha and Multan divisions between the 21st and the 22nd. Thereafter, a western disturbance moved across north of Kashmir between the 25th and the 27th and caused accentuation of the seasonal low over Quetta and Kalat divisions. Under their influence rain or thundershowers were widespread in Lahore division on the 26th and the 27th and in Sargodha division only on the 27th and scattered to local in Rawalpindi, Peshawar and D. I. Khan divisions between the 25th and the 27th. Locally rather heavy to very heavy falls occurred in the northern divisions while light rain or drizzle fell in Karachi, Hyderabad, Sargodha, Multan and Khairpur divisions between the 26th and the 27th. According to newspaper reports Rawalpindi was struck with a 78 m.p.h. squall on the afternoon of the 25th killing three persons.

Significant amounts of rainfall recorded were :— Karachi (Manora) 2" and Karachi (Airport) and Hyderabad 1½" each on the 21st; Islamabad, Karachi (Airport) and Padidan 1½" on the 22nd; Padidan 1½" on the 23rd; Quetta 1½" on the 24th; Murree 1½" on the 25th; Rawalpindi 4" Kakul and D. I. Khan 2" each on the 26th and Lahore and Khushab 2" each on the 27th.

Day temperatures were considerably below normal in the northern divisions and slightly to appreciably so elsewhere in the province on the 27th; in the whole province outside Karachi and Peshawar divisions on the 24th and in Multan, Kalat, Hyderabad, Khairpur, Lahore and Rawalpindi divisions between the 21st and the 23rd. These were otherwise slightly to appreciably above normal in some of the northern and central divisions between the 21st and the 23rd and between the 25th and the 26th.

2. CHITTAGONG DIVISION :	Fairly widespread rain fell on two days and local on five days.
DACCA DIVISION :	Fairly widespread rain fell on three days and scattered on one day.
KHULNA DIVISION :	Widespread and local rain fell on one day each and scattered on three days.
RAJSHAHI DIVISION :	Fairly widespread rain fell on two days each.
KASHMIR :	Data not available.
LAHORE DIVISION :	Rainfall was widespread on two days and local on one day.
RAWALPINDI DIVISION :	Local rain fell on two days and scattered on five days.
SARGODHA DIVISION :	Widespread rain fell on one day.
MULTAN DIVISION :	Weather remained mainly dry.
BAHAWALPUR DIVISION :	Local and scattered rain fell on one day each.
PESHAWAR DIVISION :	Local rain fell on two days and scattered on three days.
D. I. KHAN DIVISION :	Local rain fell on two days.
QUETTA DIVISION :	Local rain fell on one day and scattered on three days.
KALAT DIVISION :	Local and scattered rain fell on one day each.
KARACHI DIVISION :	Fairly widespread and local rain fell on one day each.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGDH :	Widespread rain fell on two days and local and scattered on one day each.
	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Lahore, D. I. Khan, Quetta, Karachi and Khairpur divisions; excess in Rawalpindi, Sargodha divisions; normal in Kalat and Hyderabad divisions; deficient in Chittagong, Dacca, Bahawalpur and Peshawar divisions and scanty in Khulna, Rajshahi and Multan divisions.

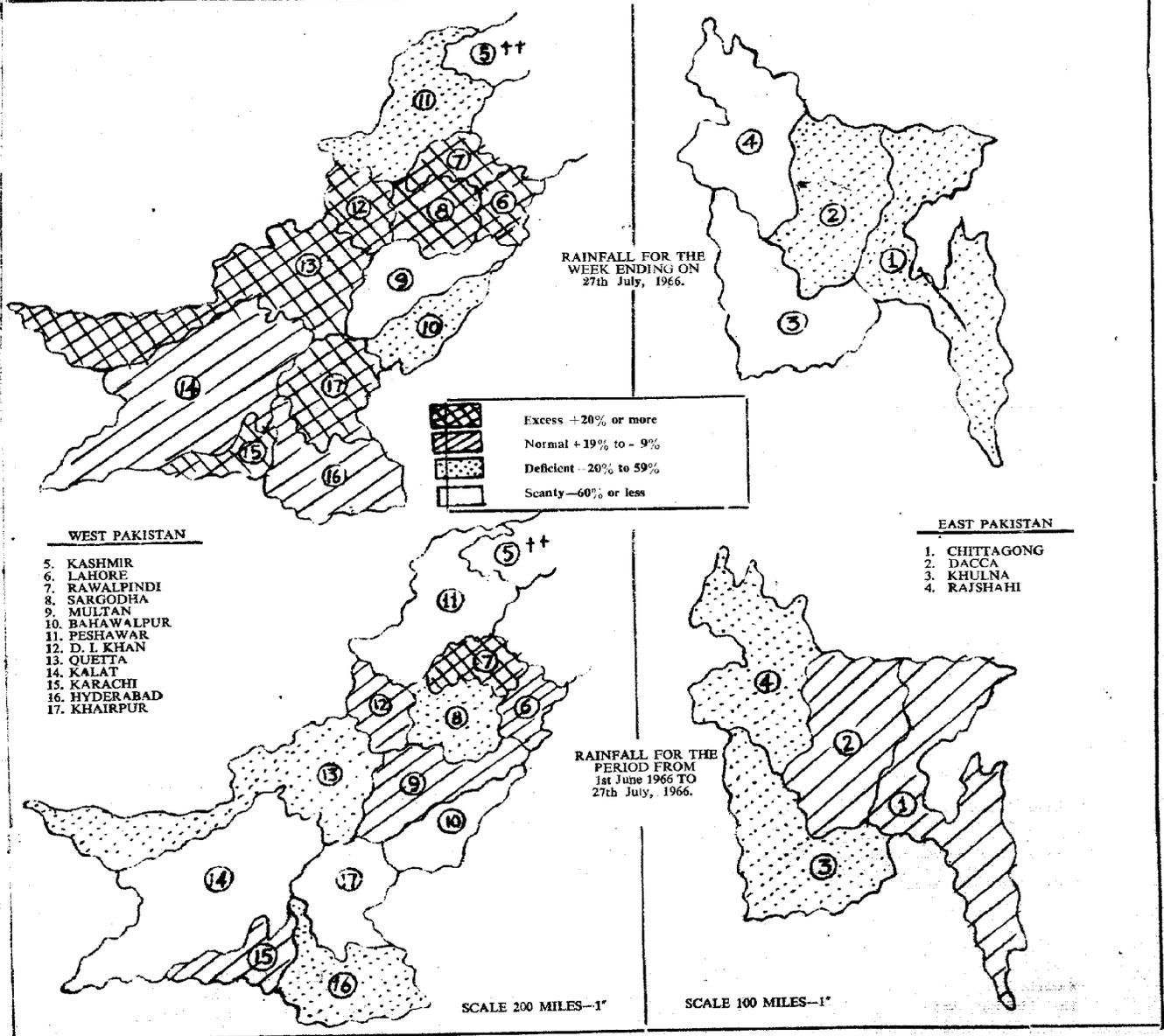
Rainfall for the period from 1st June 1966 to-date was in excess in Rawalpindi divisions; normal in Chittagong, Dacca, Lahore, Multan, D. I. Khan and Karachi divisions; deficient in Khulna, Rajshahi, Sargodha, Quetta and Hyderabad divisions and scanty in Bahawalpur, Peshawar, Kalat and Khairpur divisions.

4. The table over leaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending 27th July, 1966.			Rainfall for the Period from 1st June, 1966 to 27th July, 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	3.4	5.2	- 1.8	44.4	39.0	+ 5.5	+ 14
2. Dacca	1.5	3.2	- 1.7	26.1	26.7	- 0.6	- 2
3. Khulna	1.1	3.3	- 2.2	20.5	26.0	- 5.6	- 21
4. Rajshahi	1.0	2.9	- 1.9	19.7	27.0	- 7.2	- 27
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	3.5	1.6	+ 1.9	8.0	8.0	0	Normal
7. Rawalpindi	4.2	2.7	+ 1.5	14.4	11.9	+ 2.5	+ 21
8. Sargodha	1.3	0.9	+ 0.5	3.1	4.2	- 1.2	- 28
9. Multan	0.1	0.5	- 0.4	2.3	2.6	- 0.3	- 11
10. Bahawalpur	0.5	0.7	- 0.2	0.8	2.2	- 1.4	- 63
11. Peshawar	0.3	0.4	- 0.1	1.0	3.0	- 2.0	- 68
12. D. I. Khan	1.3	0.4	+ 0.9	2.4	2.3	0	+ 1
13. Quetta	0.7	0.3	+ 0.3	1.0	1.3	- 0.3	- 24
14. Kalat	0.1	0.1	0	0.2	0.7	- 0.5	- 79
15. Karachi	2.0	0.6	+ 1.4	2.0	2.1	- 0.1	- 5
16. Hyderabad	0.8	0.9	- 0.1	1.6	2.5	- 0.9	- 31
17. Khairpur	0.4	0.2	+ 0.1	0.4	1.1	- 0.7	- 60
18. Junagadh	—	—	—	—	—	—	—

*In the calculation of excess 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 August, 1966.

—o:O:—

SUMMARY OF WEATHER

EAST PAKISTAN: Last week's low pressure area in the northwest Bay of Bengal intensified into a depression and was centred at 28,0300 GMT near Latitude 21.5 °N and Longitude 88.5 °E. Moving westnorth westwards it crossed West Bengal coast on the morning of the 29th and became unimportant over southwest Uttar Pradesh by the 2nd. Under its influence scattered to local rain or thundershowers occurred in the province on the 28th, 29th and the 3rd and local to fairly widespread between the 30th and the 2nd with locally heavy to very heavy falls in Chittagong divisions on the 30th, 31st and the 1st.

Chief amounts of rainfall recorded were:- Cox's Bazar 5" and Maijdee Court 3" on the 30th; Cox's Bazar 4" and Maijdee Court 3" on the 31st; Maijdee Court 3" and Sirajganj 2" on the 1st and Sirajganj and Rajshahi 2" each on the 2nd.

Day temperatures were slightly to appreciably below normal in the whole province on the 31st and in Chittagong and Rajshahi divisions between the 1st and the 2nd and were slightly above normal practically in the whole province on the 29th and only in Khulna division on the 3rd.

WEST PAKISTAN: A westerly low pressure wave moved across north of Afghanistan between the 28th and the 30th and caused accentuation of the seasonal low over Quetta and Kalat divisions. Under their influence widespread rain or thundershowers occurred in Sargodha division and local in Lahore divisions on the 28th and scattered in Rawalpindi division on the 30th. A few falls of light rain or thundershowers also occurred in Rawalpindi, Peshawar and Quetta divisions on the 28th and only in Peshawar division on the 29th and the 30th. With the approach of a depression over Uttar Pradesh, deflected monsoon easterlies penetrated into the northern parts of the province between the 31st and 3rd. These caused fairly widespread rain or thundershowers in Lahore and Rawalpindi divisions on the 31st and only in the last named division on the 1st and scattered to local in Lahore, Rawalpindi, Sargodha, Peshawar and Quetta divisions between the 1st and the 3rd and in Peshawar and Multan divisions on the 31st and the 1st respectively. Locally heavy falls were reported from Rawalpindi and Peshawar divisions on the 31st. According to newspaper reports these and the heavy falls over the surrounding hills caused sudden flooding of LEHNULLAH in Rawalpindi causing deaths to a few persons and rendering thousands homeless.

Chief amounts of rainfall recorded were:- Rawalpindi and Chakdara 3" each on the 31st; Jhelum and Rawalpindi 2" each on the 1st and Sialkot 1½" on the 2nd.

Day temperatures were appreciably to markedly below normal in Lahore, Sargodha and Multan divisions on the 28th; slightly so in these divisions on the 29th and the 3rd and slightly to appreciably so in these and in Rawalpindi, Peshawar and D. I. Khan divisions between the 1st and the 2nd. These were otherwise slightly above normal in Quetta, Kalat, Hyderabad divisions between the 30th and the 3rd, in Peshawar divisions on the 30th and the 31st and in Karachi division on the 2nd.

2. CHITTAGONG DIVISION :	Fairly widespread rain fell on two days and local on five days.
DACCA DIVISION :	Fairly widespread rain fell on four days, local on two days and scattered on one day.
KHULNA DIVISION :	Widespread rain fell on two days, fairlywidespread and scattered on one day each and local on three days.
RAJSHAHI DIVISION :	Widespread rain fell on two days fairly widespread on one day and local and scattered on two days each.
KASHMIR :	Data not available.
LAHORE DIVISION :	Fairly widespread rain fell on one day, local on two days and scattered on one day.
RAWALPINDI DIVISION :	fairly widespread rain fell on two days and scattered on three days.
SARGODHA DIVISION :	Widespread, local and scattered rain fell on one day each.
MULTAN DIVISION :	Scattered rain fell on one day.
BAHAWALPUR DIVISION :	Weather remained mainly dry.
PESHAWAR DIVISION :	Local and scattered rain fell on two days each.
D. I. KHAN DIVISION :	Weather remained mainly dry.
QUETTA DIVISION :	Scattered rain fell on two days.
KALAT DIVISION :	Weather remained mainly dry.
KARACHI DIVISION :	} Weather remained dry.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION:	
JUNAGDH :	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 Chittagong and Rajshahi divisions; deficient in Dacca, Khulna, Lahore and Sargodha divisions and scanty in Multan, Peshawar and Quetta divisions, whereas no rainfall elsewhere in West Pakistan.

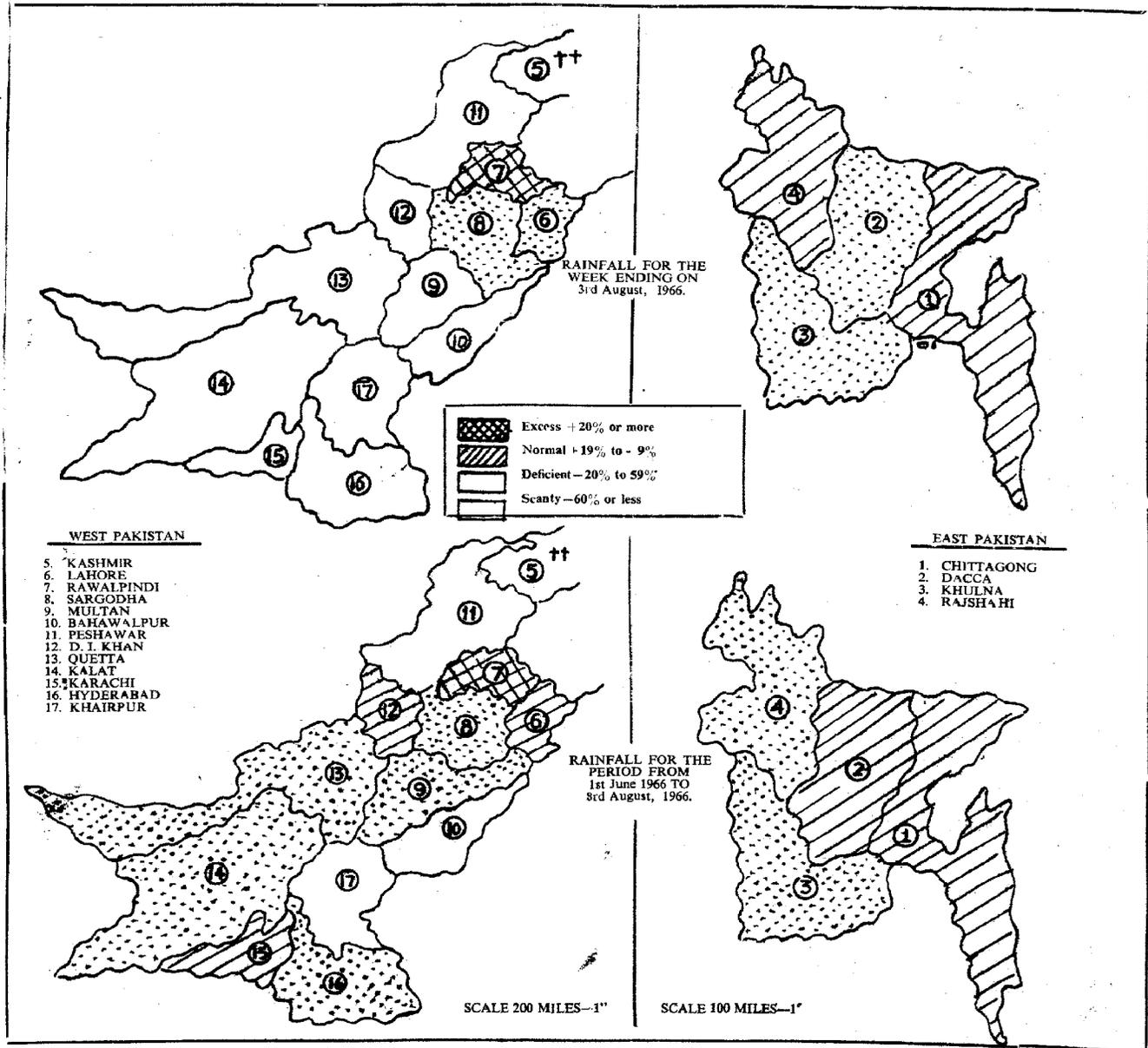
Rainfall for the period from 1st June 1966 to-date was in excess in Rawalpindi division, normal in Chittagong, Dacca, Lahore, D. I. Khan and Karachi divisions; deficient in Khulna, Rajshahi, Sargodha, Multan, Quetta and Hyderabad divisions and scanty elsewhere in West Pakistan.

4. The table over leaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 3rd August, 1966.			Rainfall for the Period from 1st June, 1966 to 3rd August, 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	4.9	5.2	— 0.3	49.3	44.2	+ 5.1	+ 12
2. Dacca	1.9	3.3	— 1.4	27.9	30.0	— 2.0	— 7
3. Khulna	2.2	3.1	— 0.9	22.7	29.2	— 6.5	— 22
4. Rajshahi	2.9	3.2	— 0.3	22.6	30.2	— 7.6	— 25
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	1.2	1.6	— 0.4	9.2	9.6	— 0.4	— 4
7. Rawalpindi	4.3	2.5	+ 1.8	18.7	14.4	+ 4.3	+ 30
8. Sargodha	0.4	0.9	— 0.4	3.4	5.1	— 1.7	— 33
9. Multan	0.1	0.7	— 0.5	2.4	3.2	— 0.8	— 25
10. Bahawalpur	0	0.8	— 0.8	0.8	3.0	— 2.2	— 73
11. Peshawar	0.2	0.6	— 0.4	1.2	3.6	— 2.2	— 68
12. D. I. Khan	0	0.6	— 0.6	2.4	2.9	— 0.5	— 19
13. Quetta	0.1	0.4	— 0.3	1.1	1.7	— 0.6	— 36
14. Kalat	0	0.1	— 0.1	0.1	0.8	— 0.7	— 82
15. Karachi	0	0.3	— 0.3	2.1	2.4	— 0.3	— 13
16. Hyderabad	0	0.4	— 0.4	1.6	2.9	— 1.3	— 46
17. Khairpur	0	0.3	— 0.3	0.4	1.4	— 0.9	— 68
18. Junagadh	—	—	—	—	—	—	—

*In the calculation of excess 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 10th August, 1966.

—:O:O:—

SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon continued to be active over the province and caused local to fairly widespread rain or thundershowers practically in the whole province during the week. Locally heavy falls also occurred in Chittagong division on the 4th and the 5th and between the 8th and the 10th.

Chief amounts of rainfall recorded were:- Cox's Bazar 3" on the 4th and 2" on the 5th; Khulna, Satkhira and Jessore 2" each on the 6th; Cox's Bazar 4" on the 7th; Majdee Court 3" on the 8th; Cox's Bazar 3" on the 9th and Chittagong and Rangpur 3" each on the 10th.

Day temperatures were slightly to appreciably above normal in Dacca and Khulna divisions between the 4th and the 6th and in Khulna and Rajshahi divisions on the 7th and were to the same extent below normal in Chittagong division on the 7th and the 8th and in Chittagong and Dacca divisions on the 9th and the 10th.

WEST PAKISTAN: A westerly low pressure wave while moving across the north of the province accentuated the seasonal low extending from Kalat division to Multan division and caused scattered rain or thundershowers in Rawalpindi and Peshawar divisions on the 5th, in these and in Lahore and Quetta divisions on the next day and a few falls of light rain or thunderstorms in Rawalpindi, Peshawar and Quetta divisions on the 4th. With the southward shifting of the axis of monsoon through, the deflected monsoon easterlies penetrated into the northern divisions between the 7th and the 8th. Thereafter, a westerly low pressure wave moved across north of the province. Under their combined influence fairly widespread rain or thundershowers occurred in Rawalpindi and Sargodha divisions on the 7th and in Lahore division on the 8th and scattered to local in Peshawar division between the 7th and the 10th, in Rawalpindi and Sargodha divisions on the 8th and in Lahore, Multan, Bahawalpur, D.I. Khan and Quetta divisions between the 9th and the 10th. A few falls of light rain or thunderstorms were also reported from Multan division on the 7th and the 8th and from Rawalpindi and Sargodha divisions on the 9th and the 10th with locally heavy falls from Peshawar and D.I. Khan divisions on the 9th.

Chief amounts of rainfall recorded were:- Murree 1½" on the 5th; Murree and Haripur 1" each on the 6th; Haripur 2" and Islamabad and Kakul 1½" each on the 7th; Lahore Jhelum 1½" each on the 8th; Bannu 3" and Kakul 2" on the 9th and Multan 1½" and the 10th. Day temperatures were slightly below normal in Lahore, Sargodha, Multan and D.I. Khan divisions on the 4th and slightly to appreciably so in Lahore, Rawalpindi, Peshawar, Quetta, Khairpur and Sargodha divisions between the 8th and the 10th. These were slightly above normal in Kalat and Karachi divisions on the 4th and slightly to appreciably so in Rawalpindi, Peshawar, Quetta and Kalat divisions between the 5th and the 7th.

2. CHITTAGONG DIVISION :	Widespread rain fell on one day, Fairly widespread and local on three days.
DACCA DIVISION :	Widespread and scattered rain fell on two days each. Fairly widespread on three days.
KHULNA DIVISION :	Widespread, Fairly widespread and local rain fell on two days each.
RAJSHAHI DIVISION :	Fairly widespread on one day and local on six days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Fairly widespread, local and scattered rain fell on one day each.
RAWALPINDI DIVISION :	Fairly widespread, and scattered rain fell on one day local on two days.
SARGODHA DIVISION :	Fairly widespread and local rain fell on one day each.
MULTAN DIVISION :	} Local rain fell on one day.
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Local rain fell on two days and scattered on four days.
D. I. KHAN DIVISION :	Local and scattered rain fell on one day.
QUETTA DIVISION :	Scattered rain fell on three day.
KALAT DIVISION :	} Weather remained dry.
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH	Data not available.

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

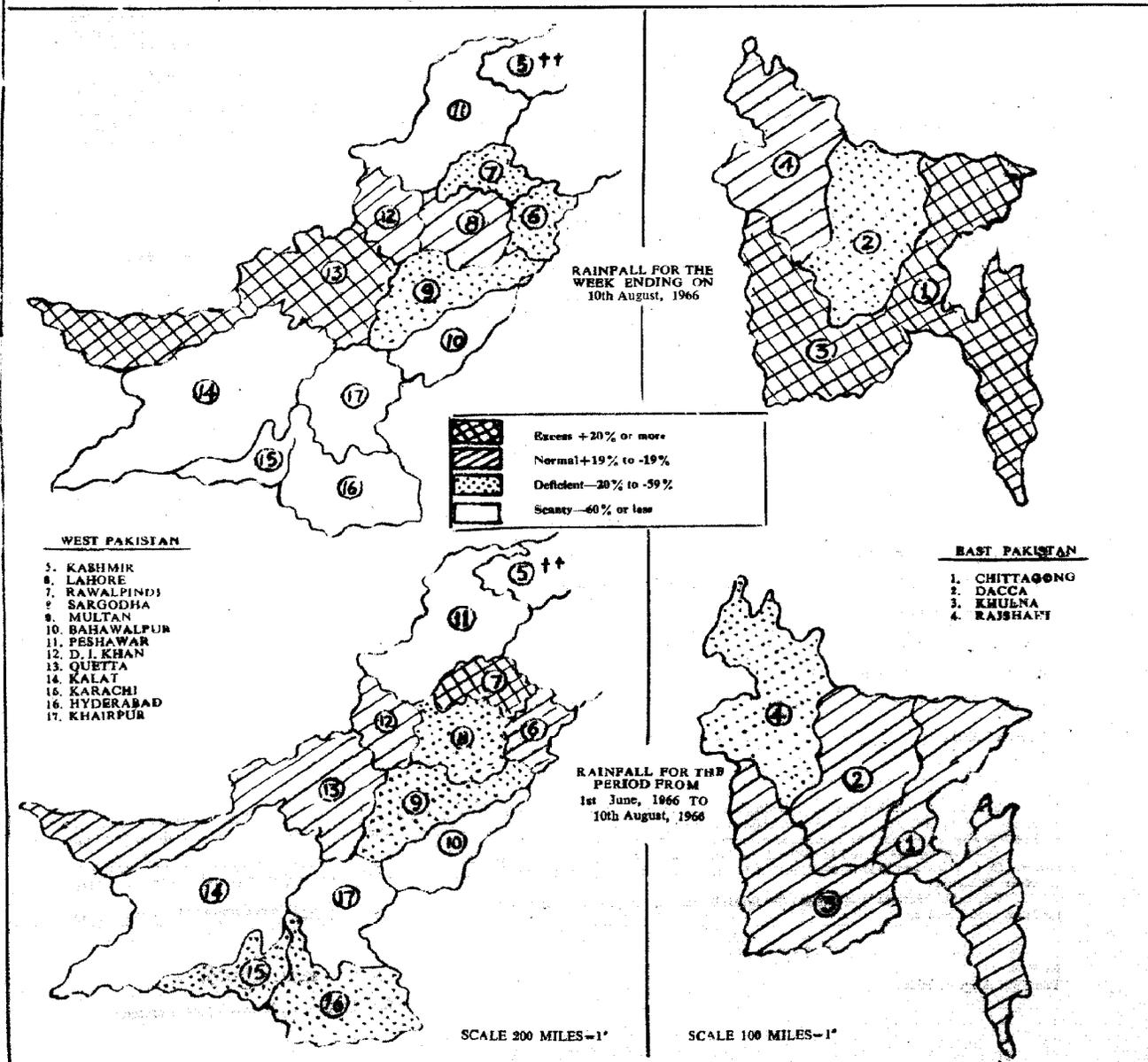
Rainfall for the period from 1st June 1966 to-date was in excess in Rawalpindi division, normal in Chittagong, Dacca, Khulna, Lahore, D. I. Khan and Quetta divisions, deficient in Rajshahi, Sargodha, Multan, Karachi and Hyderabad divisions and scanty elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending 10th August, 1966.			Rainfall for the Period from 1st June, 1966 to 10th August, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	5.8	4.4	+ 1.3	55.1	48.6	+ 6.5	+ 13
2. Dacca	2.3	3.0	- 0.8	30.2	33.0	- 2.8	- 9
3. Khulna	3.8	2.7	+ 1.1	26.5	31.9	- 5.4	- 17
4. Rajshahi	2.6	2.7	- 0.1	25.2	32.2	- 7.7	- 23
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	9.9	1.8	- 0.9	10.1	11.4	- 1.3	- 11
7. Rawalpindi	2.4	3.1	- 0.7	21.1	17.5	+ 3.6	+ 21
8. Sargodha	0.7	0.8	- 0.1	4.1	5.9	- 1.8	- 30
9. Multan	0.7	0.9	- 0.2	3.1	4.1	- 1.0	- 25
10. Bahawalpur	0.1	0.5	- 0.3	1.0	3.5	- 2.5	- 72
11. Peshawar	0.1	1.0	- 0.9	1.2	4.5	- 3.3	- 73
12. D. I. Khan	0.7	0.6	+ 0.1	3.1	3.5	- 0.5	- 13
13. Quetta	1.0	0.3	+ 0.7	2.1	2.0	+ 0.1	+ 6
14. Kalat	0	0.1	- 0.1	0.1	0.9	- 0.8	- 84
15. Karachi	0	0.2	- 0.2	2.1	2.6	- 0.5	- 20
16. Hyderabad	0	0.6	- 0.6	1.6	3.5	- 1.9	- 54
17. Khairpur	0	0.4	- 0.4	0.4	1.7	- 1.3	- 75
18. Jannagadh	—	—	—	—	—	—	—

*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 August, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon continued to be active over the province and caused fairly widespread to widespread rain with locally heavy falls in Rajshahi division on the 11th and in Dacca division on the 12th and scattered to local elsewhere in the province on the 11th and 12th. With the approach of an easterly low pressure area, over the head Bay of Bengal on the 13th and its movement to Orissa and Chota Nagpur by the 15th, monsoon weakened and caused scattered to local rain or thundershowers in the province on the 13th, in Chittagong and Rajshahi divisions on the 14th and in Chittagong and Dacca divisions on the 15th. As the low pressure area moved away NW-wards monsoon again became active and caused fairly widespread to widespread rain or thundershowers in Chittagong and Dacca divisions and scattered elsewhere in the province during the last two days of the week. Locally heavy to very heavy falls also occurred in Chittagong and Dacca divisions on the 17th. As much as 5" of rain was recorded at Sylhet on the 17th.

Other significant amounts of rainfall recorded were:-

Mymensingh 3" on the 11th and the 12th and 2" on the 13th and Sylhet 5" and Brahmanbaria 3" on the 17th.

Day temperatures were slightly to appreciably below normal in Rajshahi division on the first three days of the week and slightly above normal in Khulna division on the 12th and 14th and in the whole province on the last three days of the week.

WEST PAKISTAN: An easterly low pressure area which lay over Punjab (India) on the 11th, filled up after moving to Multan division and neighbourhood by the 13th. In its association monsoon easterlies penetrated into the northern parts of the province and caused generally scattered to local rain or thundershowers in Rawalpindi, Peshawar and D.I. Khan divisions between the 11th and the 13th and in Quetta division only on the 11th. A few falls of light rain or thundershowers also occurred in some of the northern divisions between the above dates and again in Rawalpindi and Peshawar divisions on the 14th and 15th due to accentuation of the seasonal low. Locally very heavy falls occurred on the 11th when Fortsanderman recorded 4" of rain, on the 11th. According to newspaper reports, these heavy falls caused the collapse of 200 houses and partial damage to another 1000 houses. According to another report Rawalpindi was struck by a 54 m.p.h. squall on the evening of the 15th. However no loss of life or damage to property was reported. Thereafter monsoon easterlies again penetrated, in shallow layers, into the northern divisions and caused scattered to local rain or thundershowers in Rawalpindi, Sargodha, Peshawar and D.I. Khan divisions on the 16th and in Rawalpindi and Quetta divisions on the 17th.

Chief amounts of rainfall recorded were:-

Islamabad 1½" and Rawalpindi 1" on the 11th, Cherat 1" on the 13th and Islamabad 1" on the 16th.

Day temperatures were slightly to appreciably below normal in Quetta, Khairpur, Kalat, Peshawar, Lahore, Multan and Bahawalpur divisions between the 11th and the 12th, only in the first two named divisions on the 13th and again in the northern divisions on the 17th. These were otherwise slightly above normal in Quetta division on the 14th, in the northern divisions on the 15th and in Rawalpindi, Bahawalpur and Hyderabad divisions on the 16th.

2. CHITTAGONG DIVISION :	Widespread rain fell on one day and local and scattered on three days each.
DACCA DIVISION :	Widespread rain fell on one day, Fairly widespread on two days, local on one day and scattered on two days.
KHULNA DIVISION :	Local rain fell on one day and scattered on three days.
RAJSHAHI DIVISION :	Widespread rain fell on one day local on three days and scattered on two days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained mainly dry.
RAWALPINDI DIVISION :	Fairly widespread and local rain fell on one day each and scattered on three days.
SARGODHA DIVISION :	Scattered rain fell on one day.
MULTAN DIVISION :	Weather remained mainly dry.
BAHAWALPUR DIVISION :	Weather remained mainly dry.
PESHAWAR DIVISION :	Local rain fell on three days and scattered on one day.
D. I. KHAN DIVISION :	Scattered rain fell on three days.
QUETTA DIVISION :	Scattered rain fell on three days.
KALAT DIVISION :	} Weather remained dry.
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH :	Data not available.

3. Based on the data of stations having normal, the week's rainfall was in large excess in Quetta division, excess in Dacca division, normal in D. I. Khan division deficit in Chittagong, Rajshahi and Peshawar divisions and scanty in Khulna, Rawalpindi, Sargodha and Multan divisions, whereas no rain fell elsewhere in West Pakistan.

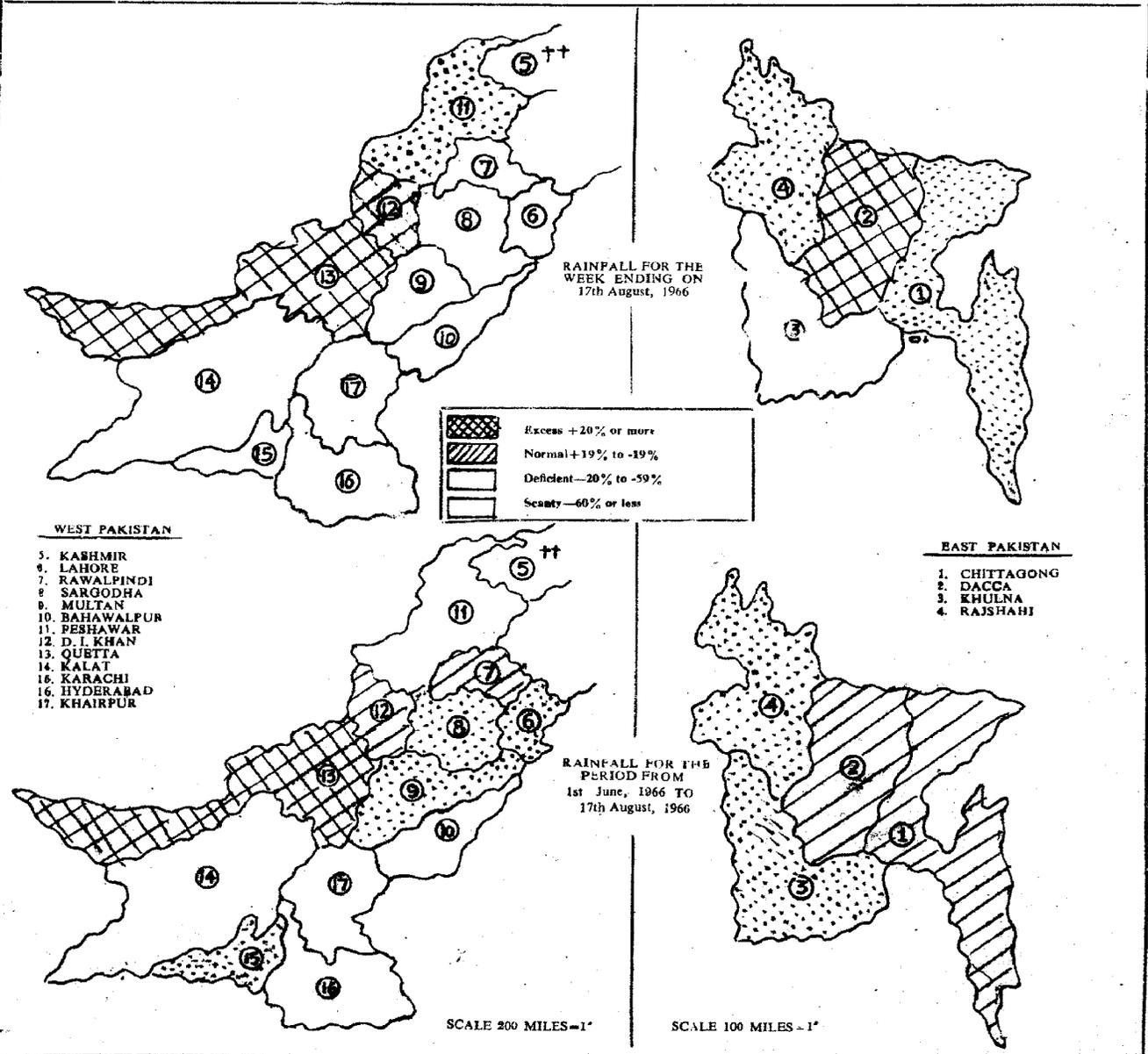
Rainfall for the period from 1st June 1966 to date was in excess in Quetta division, normal in Chittagong, Dacca, Rawalpindi and D.I. Khan divisions deficit in Khulna, Rajshahi, Lahore, Sargodha, Multan and Karachi divisions and scanty elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June, 1966 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending 17th August, 1966.			Rainfall for the Period from 1st June, 1966 to 17th August, 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	3.3	4.9	- 1.6	58.4	53.6	+ 4.9	+ 9
2. Dacca	4.2	3.1	+ 1.2	34.4	36.1	- 1.7	- 5
3. Khulna	0.6	3.1	- 2.4	27.1	35.0	- 7.8	- 22
4. Rajshahi	2.1	2.8	- 0.8	27.3	35.7	- 8.5	- 24
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	1.8	- 1.8	10.1	13.2	- 3.1	- 23
7. Rawalpindi	1.2	3.2	- 2.0	22.3	20.7	+ 1.6	+ 8
8. Sargodha	0.3	0.8	- 0.6	4.4	6.8	- 2.3	- 35
9. Multan	0	0.5	- 0.5	3.1	4.7	- 1.5	- 33
10. Bahawalpur	0	0.4	- 0.4	1.0	3.9	- 2.9	- 75
11. Peshawar	0.7	0.9	- 0.2	2.0	5.5	- 3.5	- 64
12. D. I. Khan	0.3	0.3	0	3.4	3.9	- 0.5	- 13
13. Quetta	0.8	0.2	+ 0.6	3.0	2.3	+ 0.7	+ 32
14. Kalat	0	0.1	- 0.1	0.1	1.0	- 0.9	- 85
15. Karachi	0	0.3	- 0.3	2.1	2.9	- 0.8	- 28
16. Hyderabad	0	0.7	- 0.7	1.6	4.2	- 2.6	- 62
17. Khairpur	0	0.3	- 0.3	0.4	2.0	- 1.6	- 78
18. Junagadh	—	—	—	—	—	—	—

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



SCALE 200 MILES - 1"

SCALE 100 MILES - 1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 24th August, 1966.

—oOo—

SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon continued to be active and caused generally local to fairly widespread rain or thundershowers with locally moderate to heavy falls over the province during the first three days of the week. It weakened for a short period and only scattered to local rain or thundershowers occurred over the province on the 21st and the 22nd. Thereafter, monsoon again strengthened and caused fairly widespread to widespread rain with locally heavy to very heavy falls in the whole province on the 23rd and 24th. As much as 6" of rain was recorded at Sylhet on the 23rd and 5" at Chittagong on the 24th. These heavy falls according to newspaper reports, caused flood in Chittagong demolishing 50% of dwelling houses and badly affecting 4000 families.

Other significant amounts of rainfall recorded were:-

Khulna 4" and Bogra 3" on the 18th; Barisal 3" and Chittagong 2" on the 19th; Chittagong and Srimangal 2" each on the 20th; Bogra 2" on the 21st; Cox's Bazar 3" on the 22nd; Chittagong and Pabna 3" each on the 23rd and Rajshahi 4" and Cox's Bazar, Barisal and Rangpur 3" each on the 24th.

Day temperatures were slightly to appreciably above normal in Khulna and Rajshahi divisions between the 18th and 19th in the whole province on the 21st and in Dacca and Rajshahi divisions on the 22nd. These were to the same extent below normal in Chittagong and Rajshahi divisions on the last day of the week.

WEST PAKISTAN: Shallow incursion of monsoon easterlies into the northern parts of the province took place in the beginning of the week and caused scattered to local rain or thundershowers in Lahore, Rawalpindi and Peshawar divisions between the 18th and 20th. A few thunderstorms also occurred in Bahawalpur division on the 18th and in Sargodha division on the 19th and the 20th. Thereafter, the seasonal low over northwestern parts of the province, became accentuated. In its association mainly scattered thundershowers occurred in Rawalpindi and Peshawar divisions on the 22nd and the 24th and a few thunderstorms in these divisions on the 23rd and in Bahawalpur and Peshawar divisions on the 21st.

Significant amounts of rainfall recorded were:-

Kakul 2" on the 18th; Lahore 2" on the 20th and Rawalpindi 1½" on the 24th.

Day temperatures were slightly to appreciably above normal in Rawalpindi, Karachi, Hyderabad, Sargodha, Multan and Bahawalpur divisions between the 18th and the 21st and in most of the northern and central divisions on the last three days of the week. These were to the same extent below normal in Quetta and Kalat divisions on the 19th, 20th and 24th.

2. CHITTAGONG DIVISION :	Widespread rain fell on three days and local on four days.
DACCA DIVISION :	Widespread rain fell on one day and fairly widespread and scattered on three days each.
KHULNA DIVISION :	Widespread, fairly widespread and local rain fell on one day each and scattered on four days.
RAJSHAHI DIVISION :	Widespread and fairly widespread rain fell on two days each and local on three days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on two days.
RAWALPINDI DIVISION :	Local rain fell on one day and scattered on four days.
SARGODHA DIVISION :	} Weather remained dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Local rain fell on one day and scattered on four days.
D. I. KHAN DIVISION :	} Weather remained dry.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	} Data not available.
JUNAGADH :	

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

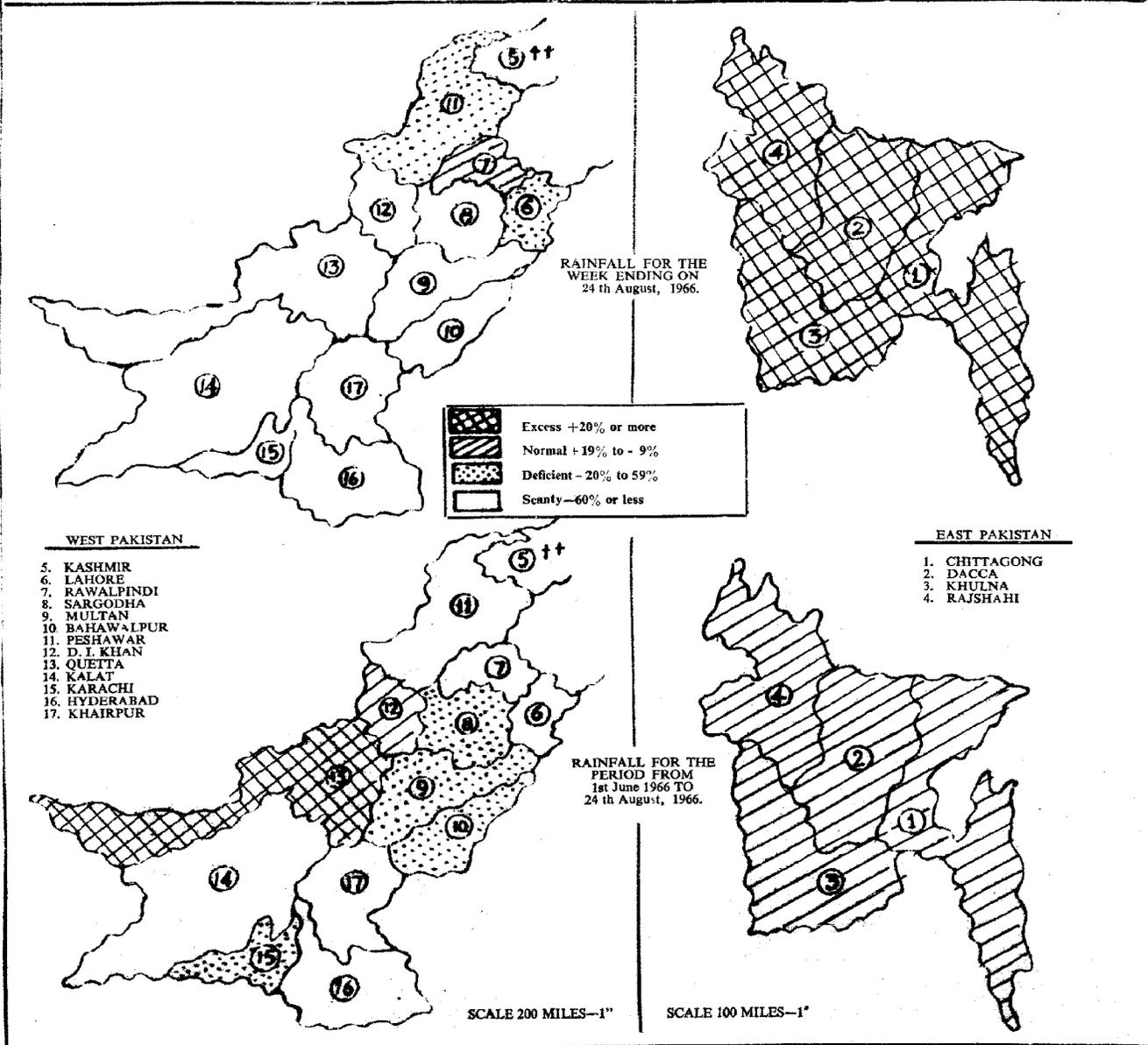
Rainfall for the period from 1st June, 1966 to date was in excess in Quetta division, normal in East Pakistan and in Rawalpindi and D. I. Khan divisions, deficit in Lahore, Sargodha, Multan, Bahawalpur and Karachi divisions and scanty elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June, 1966 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 24th August, 1966.			Rainfall for the Period from 1st June, 1966 to 24th August, 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	6.9	4.2	+ 2.8	65.4	57.8	+ 7.6	+ 13
2. Dacca	4.3	3.1	+ 1.1	38.7	39.2	- 0.5	- 1
3. Khulna	5.8	2.9	+ 2.9	33.0	37.9	- 4.9	- 13
4. Rajshahi	5.9	3.0	+ 2.9	33.2	38.7	- 5.5	- 14
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	1.3	1.7	- 0.4	11.4	14.8	- 3.4	- 23
7. Rawalpindi	2.0	2.4	- 0.3	24.4	23.1	+ 1.3	+ 6
8. Sargodha	0	1.1	- 1.1	4.4	7.8	- 3.4	- 43
9. Multan	0	0.4	- 0.4	3.1	5.1	- 2.0	- 39
10. Bahawalpur	0	0.4	- 0.4	1.0	4.2	- 3.3	- 56
11. Peshawar	0.3	0.6	- 0.2	2.3	6.1	- 3.8	- 62
12. D. I. Khan	0	0.2	- 0.2	3.4	4.1	- 0.7	- 18
13. Quetta	0	0.2	- 0.2	3.0	2.4	+ 0.5	+ 22
14. Kalat	0	0	- 0	0.1	1.1	- 0.9	- 68
15. Karachi	0	0.2	- 0.2	2.1	3.1	- 1.0	- 32
16. Hyderabad	0	0.3	- 0.3	1.6	4.5	- 2.9	- 65
17. Khairpur	0	0.1	- 0.1	0.4	2.1	- 1.7	- 80
18. Junagadh	—	—	—	—	—	—	—

In the calculation of excess 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 31st August, 1966.

—o:Oo—

SUMMARY OF WEATHER

EAST PAKISTAN : Monsoon continued to be active on the first two days of the week when generally fairly widespread rain fell over the province. Locally heavy to very heavy falls also occurred in Chittagong and Rajshahi divisions on the 25th. These and the heavy falls in the catchment areas, according to newspaper reports, caused floods which inundated low lying areas in Rajshahi, Pabna, Dacca, Rangpur, Dinajpur and Faridpur districts causing damage to paddy fields and properties and affecting some 25,00,000 people. Thereafter, the axis of the monsoon trough shifted northwards and lay close to the foot of Himalayas. Monsoon activity declined and only scattered rain or thundershowers occurred in Chittagong, Khulna and Rajshahi divisions between the 27th and 29th and in Dacca division only on the 29th. With the approach on an easterly low pressure wave into the northeast Bay of Bengal, fairly widespread rain or thundershowers with locally heavy to very heavy falls occurred in Chittagong division and scattered elsewhere in the province on the 30th. As it moved to Orissa and neighbourhood, the monsoon activity increased again and caused fairly widespread rain in the province on the 31st.

Significant amounts of rainfall recorded were :-

Sylhet 7" and Rangpur 3" on the 25th; Rangamati 3" on the 29th; Cox's Bazar 5" and Maijdee Court and Srimangal 3" each on the 30th and Dacca 4" on the 31st.

Day temperatures were slightly to appreciably below normal in the whole province on the 25th and in Chittagong and Dacca divisions between the 26th and 27th and on the 31st and were to the same extent above normal in Khulna division on the 27th and in the whole province on the next two days.

WEST PAKISTAN : A westerly low pressure wave which moving across the north of the province accentuated the seasonal low extending from Kalat division to D.I. Khan division. These caused scattered to local thunderstorms or showers in Rawalpindi and Peshawar divisions practically throughout the week, in Lahore division on the 25th and in D.I. Khan division on the 26th and 28th.

Chief amounts of rainfall recorded were :-

Jhelum 1" on the 25th; Kakul 1" on the 28th and Murree 2" on the 31st.

Day temperatures were slightly to appreciably above normal in Lahore, Rawalpindi and Sargodha divisions on the 25th and in the first two named divisions and in Peshawar, D.I. Khan, Quetta and Kalat divisions on the last four days of the week. These were slightly below normal in the central divisions between the 25th and the 27th.

2. CHITTAGONG DIVISION :	Widespread rain fell on one day, fairly widespread and scattered on three days each.
DACCA DIVISION :	Widespread rain fell on one day, fairly widespread and scattered on two days each.
KHULNA DIVISION :	Fairly widespread rain fell on two days and scattered on four days.
RAJSHAHI DIVISION :	Fairly widespread rain fell on one day local and scattered on three days each.
KASHMIR :	Data not available.
LAHORE DIVISION :	Scattered rain fell on one day.
RAWALPINDI DIVISION :	Local and scattered rain fell on two days each.
SARGODHA DIVISION :	} Weather remained dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Scattered rain fell on five days.
D. I. KHAN DIVISION :	Scattered rain fell on two days.
QUETTA DIVISION :	} Weather remained dry.
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	} Data not available.
JUNAGADH :	

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

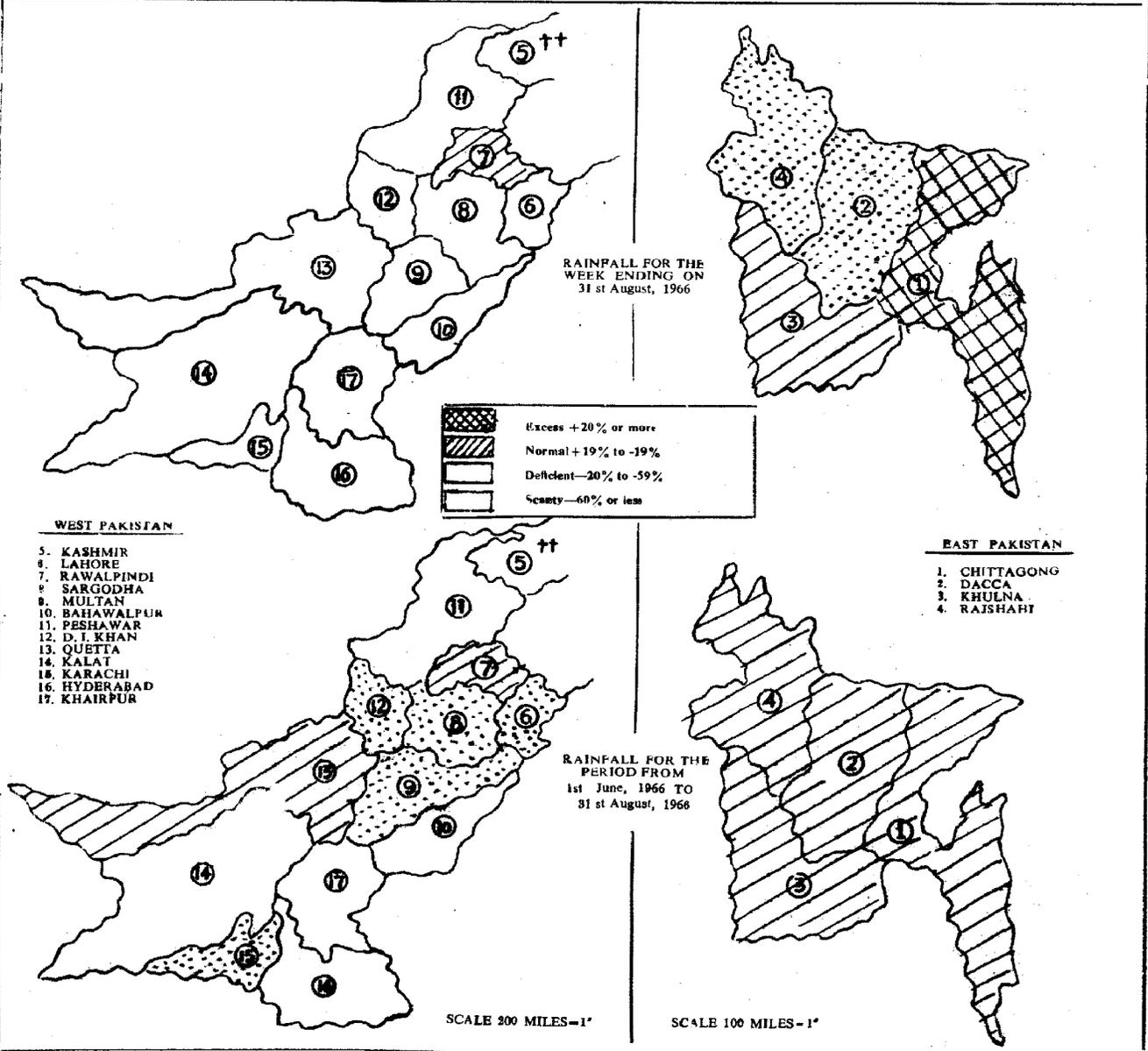
Rainfall for the period from 1st June, 1966 to date was normal in East Pakistan and in Rawalpindi and Quetta divisions, deficit in Lahore, Sargodha, Multan, D.I. Khan and Karachi divisions and scanty elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June, 1966 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending 31st August, 1966.			Rainfall for the Period from 1st June, 1966 to 31st August, 1966			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	4.8	3.9	+ 0.9	70.2	61.6	+ 8.5	+ 14
2. Dacca	1.8	3.1	- 1.2	40.5	42.2	- 1.7	- 4
3. Khulna	2.3	2.7	- 0.4	35.3	40.6	- 5.4	- 13
4. Rajshahi	2.2	3.1	- 0.9	35.4	41.9	- 6.4	- 15
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.2	1.3	- 1.2	11.6	16.2	- 4.6	- 28
7. Rawalpindi	1.5	1.9	- 0.3	25.9	24.9	+ 0.9	+ 4
8. Sargodha	0	0.5	- 0.5	4.4	8.3	- 3.9	- 47
9. Multan	0	0.2	- 0.2	3.1	5.3	- 2.2	- 41
10. Bahawalpur	0	0.2	- 0.2	1.0	4.4	- 3.4	- 78
11. Peshawar	0	0.7	- 0.7	2.3	6.7	- 4.4	- 66
12. D. I. Khan	0.1	0.2	- 0.1	3.4	4.3	- 0.9	- 20
13. Quetta	0	0.2	- 0.2	3.0	2.6	+ 0.4	+ 14
14. Kalat	0	0	- 0	0.1	1.1	- 0.9	- 86
15. Karachi	0	0.1	- 0.1	2.1	3.1	- 1.1	- 33
16. Hyderabad	0	0.4	- 0.4	1.6	4.9	- 3.3	- 68
17. Khairpur	0	0	- 0	0.4	2.1	- 1.7	- 79
18. 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 7th September, 1966.

—:O:O—

SUMMARY OF WEATHER

EAST PAKISTAN: An easterly low pressure area entered into the head Bay of Bengal on the 2nd morning and rapidly concentrated into a depression with its centre at 02,0600 GMT near Latitude 20 °N and Longitude 89 °E. By the morning of the 3rd it deepened and lay near Bhubaneshwar. Thereafter it crossed the North Orissa coast the same evening and moved away westnorthwest-wards. Under its influence fairly widespread rain or thundershowers occurred in Chittagong division on the 1st and the 2nd, in Dacca division on the 1st and the 5th and in Khulna division on the 5th and the 6th and scattered to local otherwise in the province during the week. Locally heavy to very heavy falls occurred in Chittagong division on the 1st and the 7th. According to newspaper reports, almost all the principal rivers of the province were in high floods and as a result of which 90,000 homesteads were damaged, standing crops worth Rs. six crores were destroyed and nearly 91 lakh people were affected in 13 districts of East Pakistan.

Significant amounts of rainfall recorded were:- Sylhet 3" and Cox's Bazar 2" on the 1st; Dacca 2" on the 5th and Sylhet 7" on the 7th.

Day temperatures were slightly below normal in Dacca and Chittagong divisions on the 1st and in Rajshahi and Chittagong divisions on the 3rd. These were otherwise nearly normal over the province on the last five days of the week.

WEST PAKISTAN: A western disturbance moved across the north of the province during the first two days of the week and caused scattered to local rain or thundershowers in Rawalpindi and Peshawar divisions on the 1st and only a few falls of light rain in Rawalpindi division on the 2nd. It was closely followed by another western disturbance which moved between the 3rd and the 5th. Simultaneously a deep depression moving from the Bay of Bengal close to Nagpur on the 5th and near Udaipur on the 7th morning. Under its influence moist easterlies started penetrating into the province on the 4th. These caused fairly widespread rain or thundershowers in Lahore and Multan divisions and scattered in Rawalpindi division on the 7th and scattered to local in Rawalpindi, Multan, Peshawar, D.I. Khan and Quetta divisions between the 3rd and the 6th. A few falls of light rain or thunderstorms also occurred in Karachi division on the 6th. In Khairpur division on the 4th and in Sargodha, Bahawalpur and Khairpur divisions on the 7th.

Chief amounts of rainfall recorded were :- Murree 2" on the 1st and 1½" on the 3rd; Barkhan 1½" on the 5th and Lahore and Montgomery 1" each on the 7th.

Day temperatures were slightly to appreciably above normal in Quetta, Kalat, Karachi, Peshawar and D.I. Khan divisions between the 1st and the 3rd and in the southern divisions on the 7th and were markedly to considerably below normal in Peshawar and Quetta divisions between the 4th and the 5th and slightly to appreciably so in most of the northern and central divisions during the last three days of the week.

2. CHITTAGONG DIVISION :	Fairly widespread rain fell on two days, local on four days and scattered on one day.
DACCA DIVISION :	Widespread and fairly widespread rain fell on one day each and local and scattered on two days each.
KHULNA DIVISION :	Widespread rain fell on two days local on one day and scattered on three days.
RAJSHAHI DIVISION :	Local rain fell on five days and scattered on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Widespread and local rain fell on one day each.
RAWALPINDI DIVISION :	Fairly widespread and local rain fell on one day each and scattered on four days.
SARGODHA DIVISION :	Weather remained mainly dry.
MULTAN DIVISION :	Fairly widespread rain fell on one day and scattered on two days.
BAHAWALPUR DIVISION :	Scattered rain fell on one day.
PESHAWAR DIVISION :	Fairly widespread rain fell on one day and local and scattered on three days each.
D. I. KHAN DIVISION :	Local and scattered rain fell on one day each.
QUETTA DIVISION :	Local rain fell on one day and scattered on two days each.
KALAT DIVISION :	Weather remained dry.
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH :	Data not available.

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

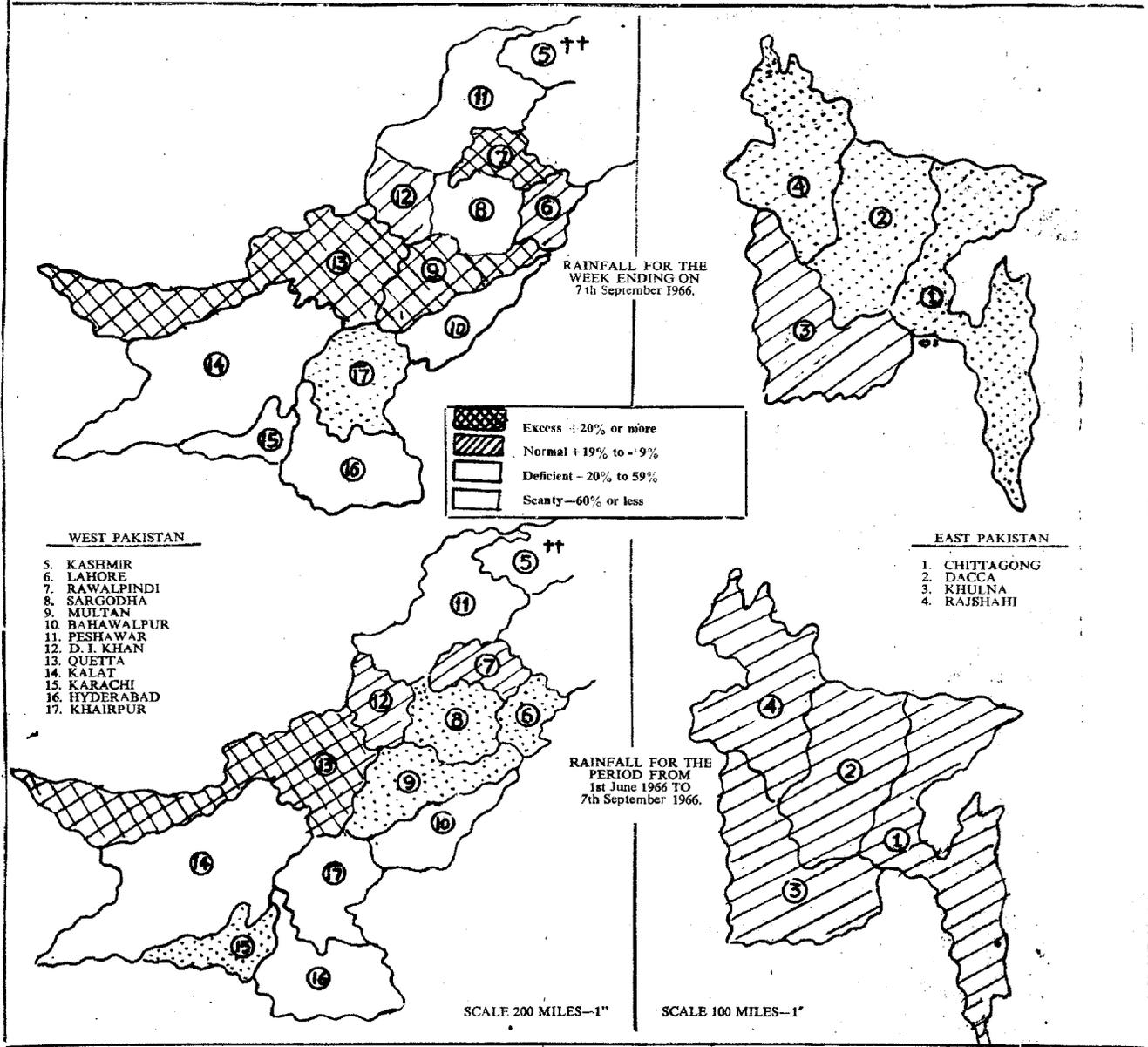
Rainfall for the period from 1st June, 1966 to date was in excess in Quetta division, normal in East Pakistan and in Rawalpindi and D.I. Khan divisions; deficient in Lahore, Sargodha, Multan and Karachi divisions and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June, 1966 to-date

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 7th Sept. 1966.			Rainfall for the Period from 1st June, 1966 to 7th Sept. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	2.3	3.8	- 1.5	72.5	65.5	+ 7.1	+ 11
2. Dacca	1.7	2.8	- 1.2	42.2	45.1	- 2.9	- 6
3. Khulna	1.9	2.4	- 0.4	37.2	43.0	- 5.8	- 13
4. Rajshahi	1.8	3.2	- 1.4	37.2	45.0	- 7.8	- 17
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	1.0	1.1	- 0.1	12.5	17.3	- 4.7	- 27
7. Rawalpindi	2.6	1.6	+ 1.0	28.5	26.5	+ 2.0	+ 7
8. Sargodha	0	0.6	- 0.6	4.4	8.9	- 4.5	- 50
9. Multan	0.9	0.2	+ 0.8	1.0	5.5	- 1.4	- 26
10. Bahawalpur	0	0.1	- 0.1	1.0	4.5	- 3.5	- 78
11. Peshawar	0.2	0.6	- 0.3	2.5	7.3	- 4.8	- 66
12. D. I. Khan	0.2	0.2	- 0	3.6	4.5	- 0.9	- 19
13. Quetta	0.3	0.1	+ 0.2	3.3	2.7	+ 0.5	+ 20
14. Kalat	0	0	- 0	0.1	1.1	- 0.9	- 86
15. Karachi	0	0.1	- 0.1	2.1	3.2	- 1.1	- 35
16. Hyderabad	0	0.3	- 0.3	1.6	5.2	- 3.6	- 70
17. Khairpur	0	0	- 0	0.5	2.1	- 1.7	- 78
18. 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 14th September, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon was active over East Pakistan on the 1st day of the week. It caused fairly widespread to widespread rain or thundershowers over the province outside Rajshahi division where rainfall was local.

On the 2nd day an easterly low pressure wave moved into the Northeast Bay of Bengal and became well marked by the 3rd. It moved slightly westwards and remained there till the end of the week.

Under its influence rain or thundershowers were fairly widespread to widespread and locally moderate to heavy in Khulna division on the 9th, in Dacca division on the 10th, in Dacca and Khulna divisions on the 11th, in Rajshahi division on the 12th and in Chittagong and Khulna divisions on the 14th. These were scattered to local elsewhere over the province during the rest of the week. As a result of the continued rainfall activity the river flood situation which developed during the previous week which showed a slow improvement as reported by the papers.

Chief amounts of rainfall during the week were 4" each at Rajshahi and Barisal on the 12th and the 14th respectively; 3" at Maijdee Court and Comilla on the 14th and 2" each at Bogra, Narayanganj, Dacca and Maijdee Court on the 9th, 10th, 11th and 12th respectively.

Day temperatures were slightly to appreciably below normal over the province on the first day and in Chittagong and Khulna divisions only on the next day. These were slightly so over Dacca, Khulna and Rajshahi divisions on the last day of the week.

WEST PAKISTAN: The deep depression of the last week, weakened and lay as a depression with its centre at 0300 hours GMT on the first day of the week, about 60 miles northeast of Bikaner. It further weakened into a low by the same evening which lay over East Punjab, merged with the seasonal trough by the next morning and became unimportant. Under its influence widespread rain or thundershowers occurred in Lahore division on the first two days and scattered to local in Rawalpindi division on the first three days and in Sargodha and Multan divisions only on the first day. The upper catchment areas of the three major rivers of West Pakistan, the Ravi, the Chanab and the Sutluj received copious rainfall and went into high flood at various points. About 257 villages in Sialkot district were reported to have been inundated by the flood water. A loss of three lives and damage to standing crops and buildings were reported from Narowal and Shakergarh Tahsils of Sialkot district.

One westerly low pressure wave also lay to the north of Afghanistan, on the 9th and moved away northeastwards by the 12th after causing scattered thundershowers in Peshawar division on the 10th.

Chief amounts of rainfall recorded during the week were: Lyallpur 1", Sialkot 3/4", Lahore and Montgomery 1/2" each and Jhelum 1/2" on the 8th; Lahore and Sialkot 1 1/2" each and Jhelum 1" on the 9th and Rawalpindi 1", Murree 1/2" and Islamabad and Haripur 1/2" each on the 10th.

Day temperatures were markedly to considerably below normal in Lahore, Multan, Bahawalpur, Sargodha and D.I. Khan divisions on the first day and in the first two named divisions on the second day also. These remained appreciably to markedly below normal in Lahore and Multan divisions throughout the week and in the northern and central divisions on the 11th. These were slightly above normal over the southern divisions on the 11th and in Peshawar division on the last day of the week.

2. CHITTAGONG DIVISION :	Fairly widespread rain fell on two days and local on five days.
DACCA DIVISION :	Widespread rain fell on two days, fairly widespread and scattered on one day each and local on three days.
KHULNA DIVISION :	Widespread, fairly widespread and scattered rain fell on two days each and local on one day.
RAJSHAHI DIVISION :	Widespread rain fell on one day, local on four days and scattered on two days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Widespread rain fell on two days.
RAWALPINDI DIVISION :	Local rain fell on one day and scattered on two days.
SARGODHA DIVISION :	Local rain fell on one day.
MULTAN DIVISION :	Local rain fell on one day.
BAHAWALPUR DIVISION :	Weather remained mainly dry.
PESHAWAR DIVISION :	Scattered rain fell on one day.
D. I. KHAN DIVISION :	} Weather remained mainly dry.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	} Weather remained dry.
KHAIRPUR DIVISION :	
JUNAGADH :	Data not available.

3. Based on the data of stations having normals the week's rainfall was in large excess in Khulna and Lahore divisions; in excess in Chittagong, Dacca, Sargodha and Multan divisions; deficient in Rajshahi and Rawalpindi divisions where as no rain fell elsewhere over West Pakistan.

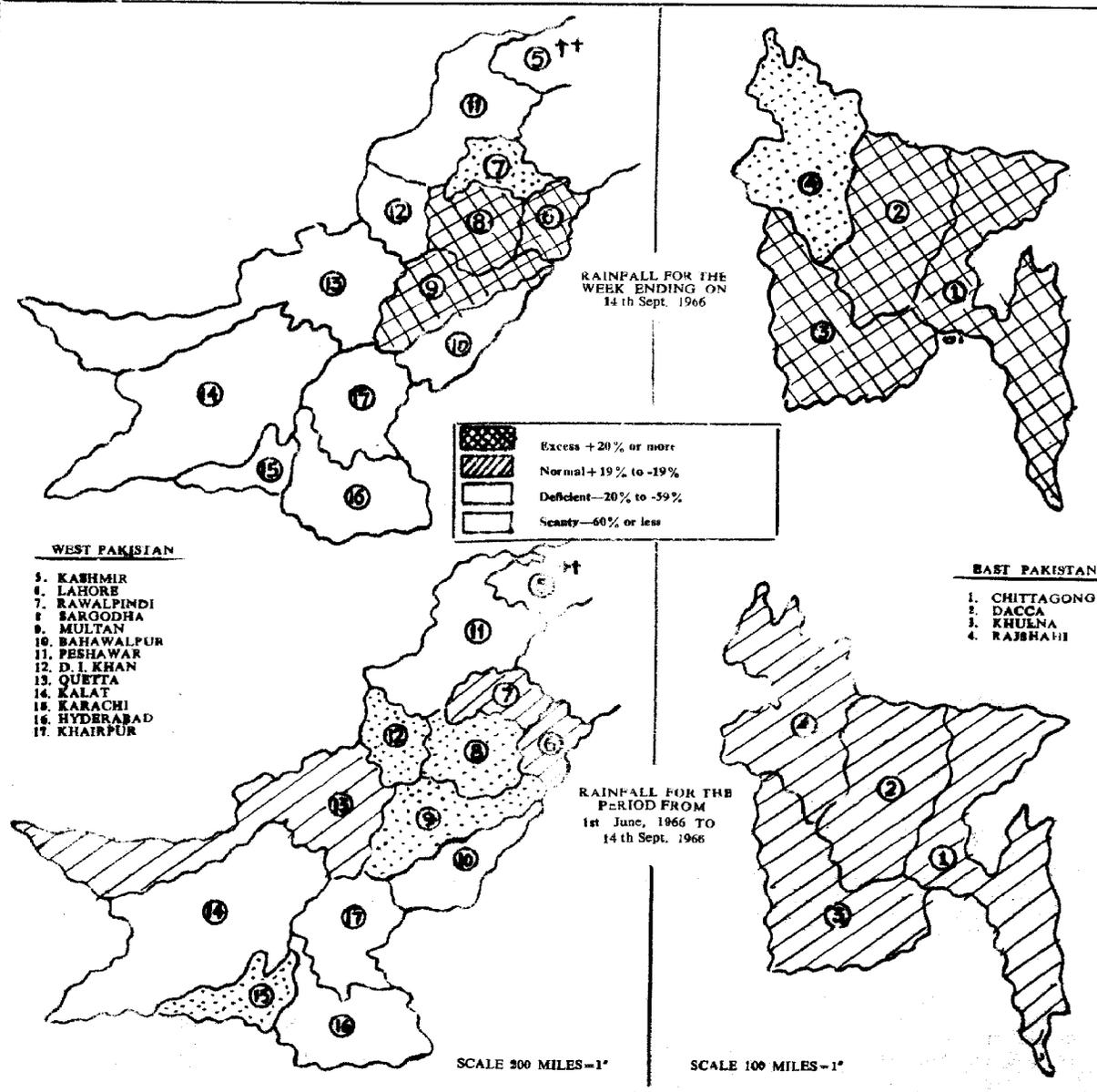
Rainfall for the period from 1st June 1966 to-date was normal in East Pakistan, Lahore, Rawalpindi and Quetta divisions; deficient in Sargodha, Multan, D.I. Khan and Karachi divisions and scanty in Bahawalpur, Peshawar, Kalat, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan both, for the week and for the period from 1st June 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending 14th Sept. 1966.			Rainfall for the Period from 1st June, 1966 to 14th Sept. 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	3.7	2.7	+ 1.0	76.2	68.2	+ 8.0	+ 12
2. Dacca	3.6	2.7	+ 0.9	45.8	47.7	- 2.0	- 4
3. Khulna	3.3	1.9	+ 1.4	40.5	44.8	- 4.4	- 10
4. Rajshahi	2.2	2.8	- 0.6	39.4	47.8	- 8.4	- 18
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	2.1	0.8	+ 1.4	14.7	18.0	- 3.3	- 19
7. Rawalpindi	0.8	1.2	- 0.4	29.3	27.7	+ 1.6	+ 6
8. Sargodha	0.5	0.4	+ 0.1	4.9	9.3	- 4.4	- 47
9. Multan	0.3	0.2	+ 0.1	4.4	5.7	- 1.3	- 23
10. Bahawalpur	0	0.1	- 0.1	1.0	4.5	- 3.6	- 79
11. Peshawar	0	0.4	- 0.4	2.5	7.7	- 5.1	- 69
12. D. I. Khan	0	0.3	- 0.3	3.6	4.8	- 1.1	- 24
13. Quetta	0	0.1	- 0.1	3.3	2.8	+ 0.5	+ 17
14. Kalat	0	0	- 0	0.1	1.1	- 0.9	- 86
15. Karachi	0	0.1	- 0.1	2.1	3.3	- 1.3	- 37
16. Hyderabad	0	0.3	- 0.3	1.6	5.5	- 3.9	- 61
17. Khairpur	0	0.1	- 0.1	0.5	2.2	- 1.7	- 79
18. Junagadh	—	—	—	—	—	—	—

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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 21st September, 1966.

—ofo—

SUMMARY OF WEATHER

EAST PAKISTAN: Last week's low over north Bay of Bengal intensified into a well marked low, started moving in a north-northeasterly direction and lay at 0300 hours GMT on the 16th over the southern districts of the province and the adjoining areas. It moved away across Assam by the morning of 19th. A low pressure area developed over the central and north Bay of Bengal on the 17th and persisted there till the end of the week. Under its influence rain/thundershowers were fairly widespread in Chittagong division from the 15th to the 18th and widespread in Dacca division on the 16th and 17th and in Khulna division on the 18th. These were scattered to local otherwise over the province throughout the week except in Dacca, Khulna and Rajshahi divisions on the 19th and in Dacca division on the 18th when weather remained dry. Locally moderate to heavy and occasionally very heavy rainfall also occurred in Chittagong and Dacca divisions on the first four days of the week. According to press reports about five lakh people of Dacca City were affected by the heavy downpour over the city about 1½ lakh people were rendered homeless.

Significant amounts of rainfall recorded were:- Majidee Court and Comilla 7" each and Cox's Bazar 3" on the 15th; Dacca 10", Narayanganj, Majidee Court and Faridpur 1½" each on the 16th; Comilla 5", Narayanganj 4", Majidee Court 3" and Dacca 2" on the 17th; Chittagong 5" on the 18th and Cox's Bazar and Chittagong 1½" each on the 19th and Rangamati and Barisal 1½" each on the 20th.

Day temperatures were markedly to considerably below normal in Chittagong division on the 18th and were slightly to appreciably so elsewhere over the province during the first four days of the week. These were slightly above normal over the province during the last three days.

WEST PAKISTAN: A western disturbance moved to north of Afghanistan on the morning of 15th with its associated trough extending to D.I. Khan and Quetta divisions. It passed off slowly northeastwards by the 20th. Under its influence thunderstorms or showers were fairly widespread in Lahore and Rawalpindi divisions on the 17th and in Lahore, Sargodha and Multan divisions on the 18th. Scattered to local thunderstorms or showers also occurred over the northern divisions between the 15th and 20th. Weather remained dry over the province on the last day of the week.

Chief amounts of rainfall recorded were Sialkot, Jhelum and Murree 1" each and Kakul ½" on the 17th; Sargodha and Lyallpur 1" each and Rawalpindi ½" on the 18th; Islamabad, Murree and Kakul 1½" each and Leiah ½" on the 19th and again Leiah ½" on the 20th.

Day temperatures were markedly to considerably below normal in Lahore, Rawalpindi, Sargodha, Multan and D.I. Khan divisions on the 18th and 19th and were appreciably to markedly so elsewhere over the province outside Karachi and Hyderabad divisions throughout the week.

2. CHITTAGONG DIVISION :	Fairly widespread rainfall on four days, local on two days and scattered on one day.
DACCA DIVISION :	Widespread rain fell on two days and local on three days.
KHULNA DIVISION :	Widespread and local rain fell on one day each.
RAJSHAHI DIVISION :	Local rain fell on five days and scattered on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Fairly widespread rain fell on two days.
RAWALPINDI DIVISION :	Fairly widespread, local and scattered rain fell on one day each.
SARGODHA DIVISION :	Fairly widespread and local rain fell on one day each.
MULTAN DIVISION :	Fairly widespread rain fell on one day and local on two days.
BAHAWALPUR DIVISION :	Weather remained dry.
PESHAWAR DIVISION :	Local rain fell on four days and scattered on one day.
D. I. KHAN DIVISION :	} Scattered rain fell on one day.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	} Weather remained dry.
KHAIRPUR DIVISION :	
JUNAGADH :	Data not available.

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

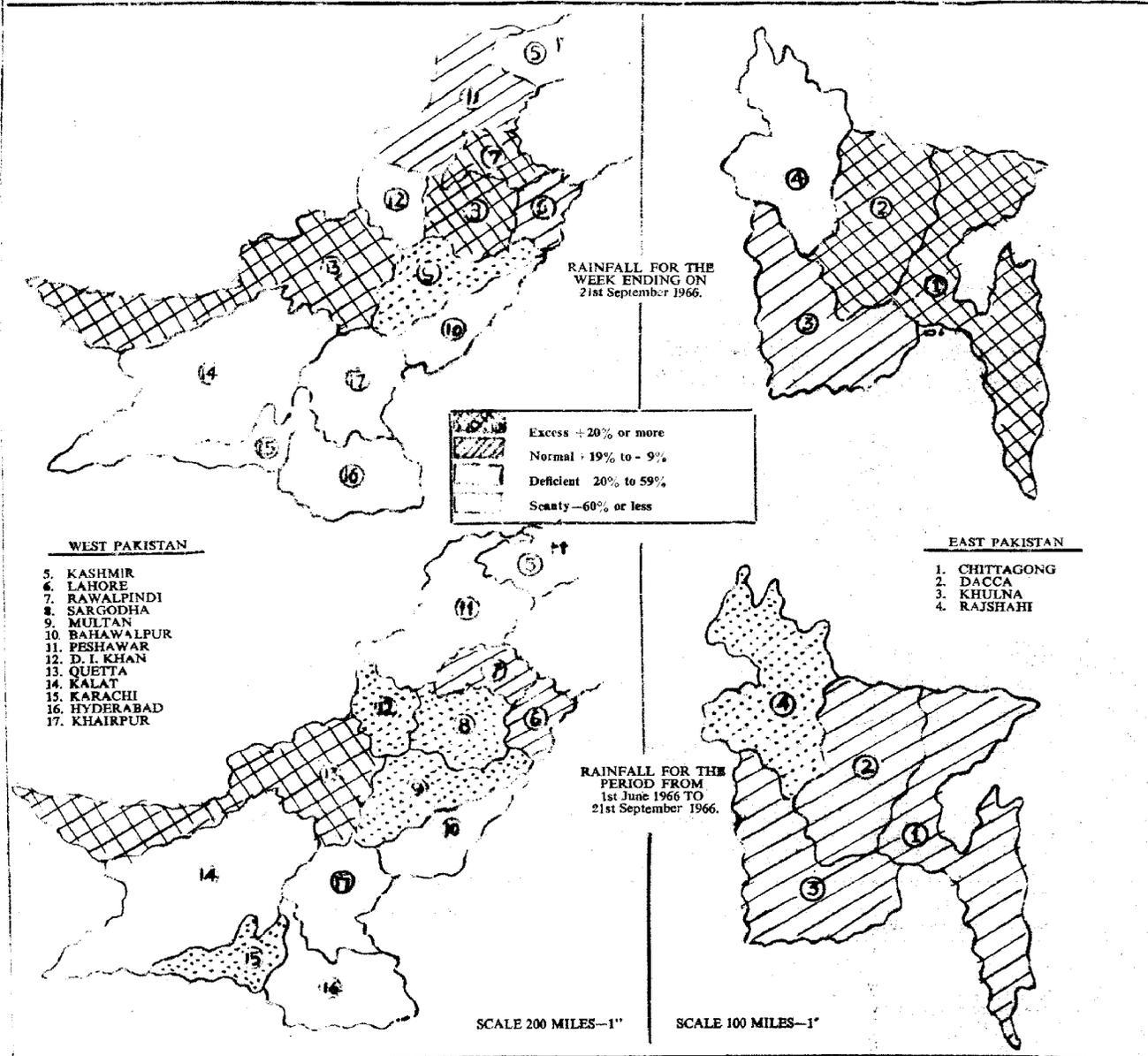
Rainfall for the period from 1st June 1966 to date was in excess in Quetta division; normal in Chittagong, Dacca, Khulna, Lahore and Rawalpindi divisions; deficient in Rajshahi, Sargodha, Multan, D.I. Khan and Karachi divisions and scanty elsewhere over West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June 1966 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 21st Sept. 1966.			Rainfall for the Period from 1st June, 1966 to 21st Sept. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	8.2	2.9	+ 5.3	84.4	71.1	+ 13.3	+ 19
2. Dacca	3.5	2.8	+ 0.7	49.3	50.6	- 1.3	- 3
3. Khulna	1.7	2.1	- 0.3	42.2	46.9	- 4.7	- 10
4. Rajshahi	1.1	2.9	- 1.8	40.5	50.7	- 10.2	- 20
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.6	0.7	0	15.3	18.7	- 3.4	- 18
7. Rawalpindi	1.7	1.1	+ 0.7	31.0	28.8	+ 2.2	+ 8
8. Sargodha	0.8	0.3	+ 0.5	5.7	9.6	- 3.9	- 41
9. Multan	0.1	0.3	- 0.1	4.5	6.0	- 1.4	- 24
10. Bahawalpur	0	0	0	1.0	4.6	- 3.6	- 79
11. Peshawar	0.2	0.3	- 0.1	2.7	7.9	- 5.2	- 65
12. D. I. Khan	0.1	0.2	- 0.1	3.7	4.9	- 1.3	- 26
13. Quetta	0.1	0	0	3.3	2.8	+ 1.5	+ 53
14. Kalat	0	0	0	0.1	1.1	- 0.9	- 86
15. Karachi	0	0.1	- 0.1	2.1	3.4	- 1.3	- 39
16. Hyderabad	0	0.1	- 0.1	1.6	5.6	- 4.0	- 72
17. Khairpur	0	0	0	0.5	2.2	- 1.8	- 79
18. 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 28th September, 1966.

—oio—

SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon trough of low pressure gradually shifted southwards across central Bay to south Bay of Bengal during the week. With the approach of an easterly low pressure area across Burma a depression formed over central and south Bay on the last day with centre at 28,3300 G.M.T. with in one degree latitude 12°N and longitude 88°E. As a course usual monsoon was generally weak and caused local rainfall in Rajshahi division on the 22nd and scattered in other divisions as well on the 23rd. Scattered thunderstorms or showers occurred otherwise sporadically over the province during the week.

Chief amounts of rainfall recorded were: Dinajpur 1" on the 22nd Comilla 1" on the 23rd Dinajpur 1½" on the 24th and Barisal 1" on the 25th.

Day temperatures remained slightly to appreciably above normal over the province throughout the week.

WEST PAKISTAN: A western disturbance moved to the north of Afghanistan with its associated trough extending to Quetta division on the first day of the week. It slowly moved away northeastwards by the fourth day. Under its influence scattered to local thunderstorms or showers occurred in Multan, Peshawar and Quetta divisions on the 22nd, in Rawalpindi and Peshawar divisions on the 23rd, in Sargodha and Peshawar divisions on the 24th and in Quetta and Khairpur divisions on the 25th. Weather remained dry over the province during the last three days of the week.

Chief amounts of rainfall recorded were: Montgomery and Harnai 1/4" each on the 23rd, Islamabad and Parachinar 3/4" each and Rawalpindi 1/4" on the 23rd, Faisalpur, Chirat and Parachinar 1/3" each on 25th.

Day temperatures were slightly to appreciably below normal over the province outside Karachi and Hyderabad divisions on the first six days of the week. They were to the same extent above normal in Multan, Peshawar, Quetta, Kalat, Hyderabad and Karachi divisions on the last day.

2. CHITTAGONG DIVISION :	Scattered rainfall on two days.
DACCA DIVISION :	Scattered rainfall on one day.
KHULNA DIVISION :	Scattered rainfall on three days.
RAJSHAHI DIVISION :	Local rainfall on one day and scattered on five days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained dry.
RAWALPINDI DIVISION :	Local rainfall on one day.
SARGODHA DIVISION :	Local rainfall on one day.
MULTAN DIVISION :	Local rainfall on one day.
BAHAWALPUR DIVISION :	Weather remained mainly dry.
PESHAWAR DIVISION :	Scattered rainfall on three days.
D.I. KHAN DIVISION :	Weather remained mainly dry.
QUETTA DIVISION :	Scattered rainfall on two days.
KALAT DIVISION :	} Weather remained dry.
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	Scattered rainfall on one day.
JUNAGADH :	Data not available.

3 Based on the data of stations having normals, the week's rainfall was in large excess in Bahawalpur and Quetta divisions, and normal in Sargodha and Karachi divisions, deficient in Rajshahi, Multan and Peshawar divisions and scanty in Chittagong, Dacca, Khulna, Rawalpindi and D.I. Khan divisions whereas no rainfall elsewhere over the country.

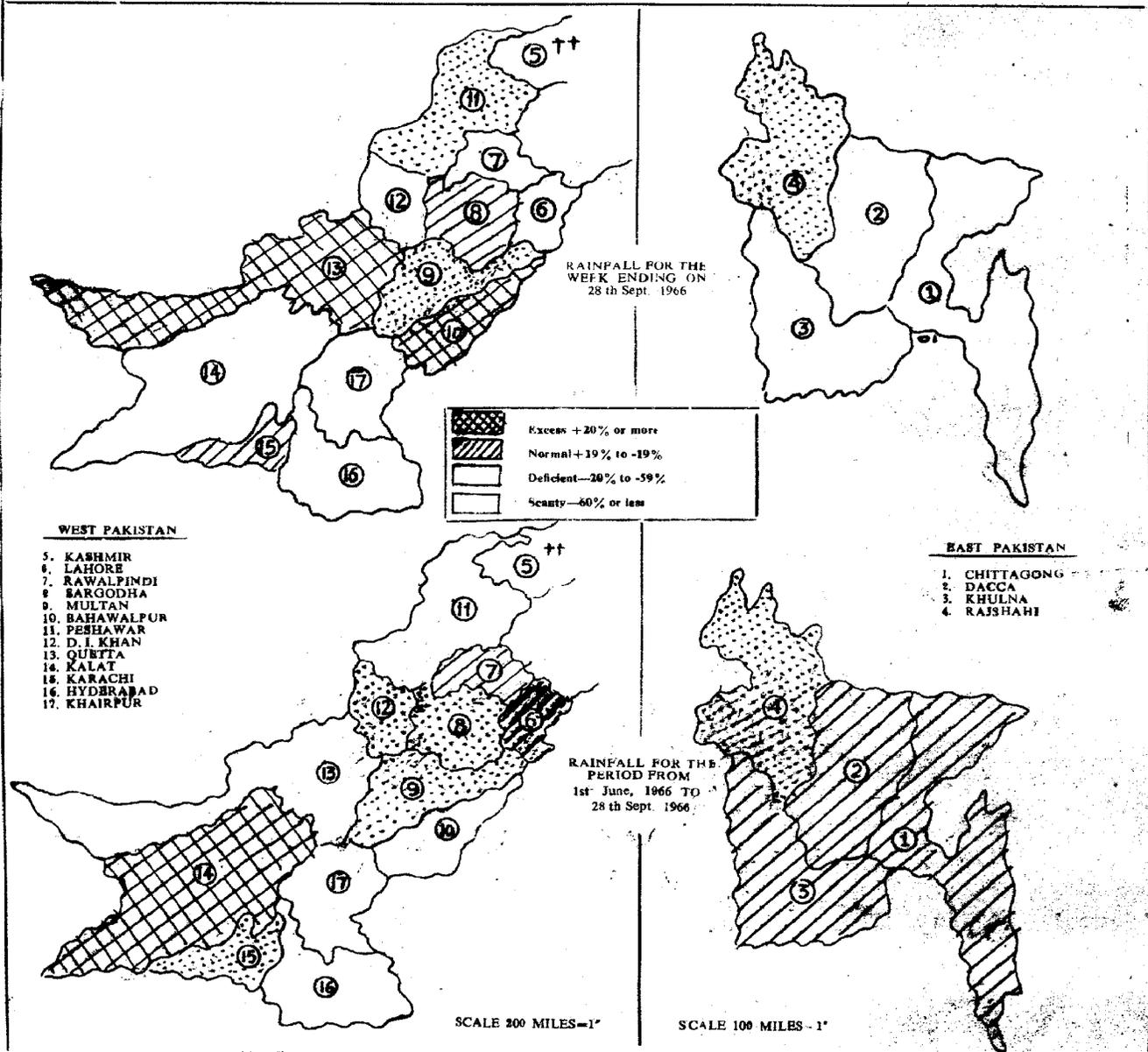
Rainfall for the period from 1st June 1966 to-date was in excess in Kalat division, normal in Chittagong, Dacca, Khulna, Rawalpindi and Lahore divisions, deficient in Rajshahi, Sargodha, Multan, D.I. Khan and Karachi divisions and scanty elsewhere over West Pakistan.

4 The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June 1966 to-date

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending 28th Sept. 1966.			Rainfall for the Period from 1st June, 1966 to 28th Sept. 1966			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0.2	2.6	- 2.5	64.6	73.7	+10.9	+ 15
2. Dacca	0.2	2.2	- 1.9	49.5	52.7	- 3.2	- 6
3. Khulna	0.4	2.1	- 1.7	42.6	49.0	- 6.4	- 13
4. Rajshahi	1.1	2.6	- 1.5	41.7	53.4	-11.7	- 22
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	- 0.3	15.3	19.0	- 3.6	- 19
7. Rawalpindi	0.1	0.7	- 0.6	31.1	29.5	+ 1.7	+ 6
8. Sargodha	0.2	0.2	0	5.8	9.7	- 3.9	- 40
9. Multan	0.1	0.2	- 0.1	4.7	6.2	- 1.5	- 24
10. Bahawalpur	0	0	- 0	1.0	4.6	- 3.6	- 78
11. Peshawar	0.1	0.2	- 0	2.9	8.1	- 5.2	- 65
12. D. I. Khan	0	0.2	- 0.2	3.7	5.1	- 1.4	- 28
13. Quetta	0.4	0	+ 0.4	3.7	2.9	+ 0.9	+ 30
14. Kalat	0	0.1	- 0.1	0.2	1.2	- 1.0	- 96
15. Karachi	0	0	- 0	2.1	3.4	- 1.3	- 39
16. Hyderabad	0	0.1	- 0.1	1.6	5.7	- 4.1	- 72
17. Khairpur	0	0	- 0	0.5	2.3	- 1.8	- 80
18. 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 5th October, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's depressions over southeast and adjoining central Bay of Bengal, became deep and continued to move in a northerly direction till the morning of 29th when it was centered at 0300 GMT within one degree of latitude 16°N and longitude 88°E. It started recurving slowly towards North Northeast, further intensified rapidly into a severe cyclonic storm with a core of hurricane winds and was centered at 0300 GMT of 30th within one degree of latitude 19.5°N and longitude 88.5°E. Thereafter it moved in a Northeasterly direction, crossed coast about 40 miles north of Chittagong in the morning of first October, weakened rapidly, into a cyclonic storm by the evening of the same day and was centered at 1200 GMT near Comilla. It weakened further and moved away Northeastwards as a low pressure wave. According to reports appearing in the press the storm struck the coastal districts and the off shore islands with great fury. Winds over 100 miles per hour below over the districts of Chittagong, Noakhali, Barisal, Khulna and offshore islands. A tidal wave 6 to 8 feet height accompanied it and inundated vast areas along the coast. Over 25 lac people were rendered homeless, hundred of them perished and were drowned, over 50000 dwelling houses were destroyed and standing crops extending over an area of over 150,000 acres were damaged. In association with the passage of the storm widespread and locally heavy rain fell over Chittagong, Khulna and Rajshahi divisions on the 1st October and over Dacca division on the 2nd October. Fairly widespread rain also fell in Rajshahi division on the 29th September and between 2nd to 4th October in Chittagong division on the 3rd in Khulna division on the 2nd in Dacca division on 3rd October. Rainfall was other wise scattered to local over the province during the week except for dry weather outside Rajshahi division on the 29th.

Chief amount of rainfall reported were Khulna and Jessore 4" each, Satkhira 3" and Dacca 2" on the 1st; Comilla and Sirajgunj 3" on the 2nd, Mymensingh 2" on the 3rd and Satkhira 2" on the 4th.

Day temperatures were considerably below normal over Chittagong, Dacca and Khulna divisions on the 1st and 2nd October and were slightly to appreciably so elsewhere from 1st to 4th October. These were other wise slightly to appreciably above normal over the province.

WEST PAKISTAN : A well marked low pressure area developed over southeast and adjoining east central Arabian Sea on the 29th September. It concentrated into a depression, centred at 0300 GMT of 2nd October within one degree of latitude 12.5°N and longitude 73°E. It moved northwestwards, intensified into a deep depression centred at 0300 GMT of third October within a degree of latitude 14°N and longitude 72.5°E. Thereafter it weakened into a well marked low pressure area by the end of the week without affecting the weather over the province. However a western disturbance moving away north eastwards across Kashmir with its associated trough extending from Khairpur to Multan divisions caused widespread rain/thundershowers over Sargodha division on the 5th fairly widespread over Sargodha divisions on the 4th and over Multan division on the 5th. It also caused scattered to local rain or thundershowers over Quetta and Kalat divisions on the 29th September, and Rawalpindi, Peshawar, Lahore divisions, on the 4th and 5th October, and a few falls of light rain or thundershowers over Multan and Rawalpindi divisions on the 1st October. The weather other wise remained dry over West Pakistan.

Chief amount of rainfalls reported were Sargodha 3.4" on the 4th and Khushab, Lahore and Sargodha ½" each on the 5th.

Day temperature were slightly to appreciably above normal over Karachi, Hyderabad, Khairpur, Quetta, Kalat and D. I. Khan divisions on the 1st three days of the week and to the same extent below normal in Lahore, Rawalpindi, Sargodha and Peshawar divisions on the 2nd and 5th. These were other wise nearly normal over the province.

2. CHITTAGONG DIVISION :	Fairly widespread rain fell on two days and local on one day and scattered on three days.
DACCA DIVISION :	Widespread rain fell on two days, fairly widespread on one day and local on two days.
KHULNA DIVISION :	Widespread, rainfall on one day fairly widespread on one day local on two days and scattered on one days
RAJSHAHI DIVISION :	Widespread rain fell on one day fairly widespread on four days and local on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on two days.
RAWALPINDI DIVISION :	Weather remained dry.
SARGODHA DIVISION :	Widespread fairly widespread rain fell on one day each.
MULTAN DIVISION :	} Weather remained mainly dry.
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Scattered rain fell on one day.
D. I. KHAN DIVISION :	} Weather remained dry.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	} Data not available.
JUNAGADH	

3. Based on the data of stations having normals, the week's rainfall was in large excess over Dacca, Khulna and Rajshahi divisions, in excess over Chittagong and Sargodha divisions, normal in Bahawalpur, Kalat, Karachi and Khairpur divisions and scanty over Rawalpindi division. No rain fell over Multan, Peshawar, D. I. Khan, Quetta and Hyderabad divisions.

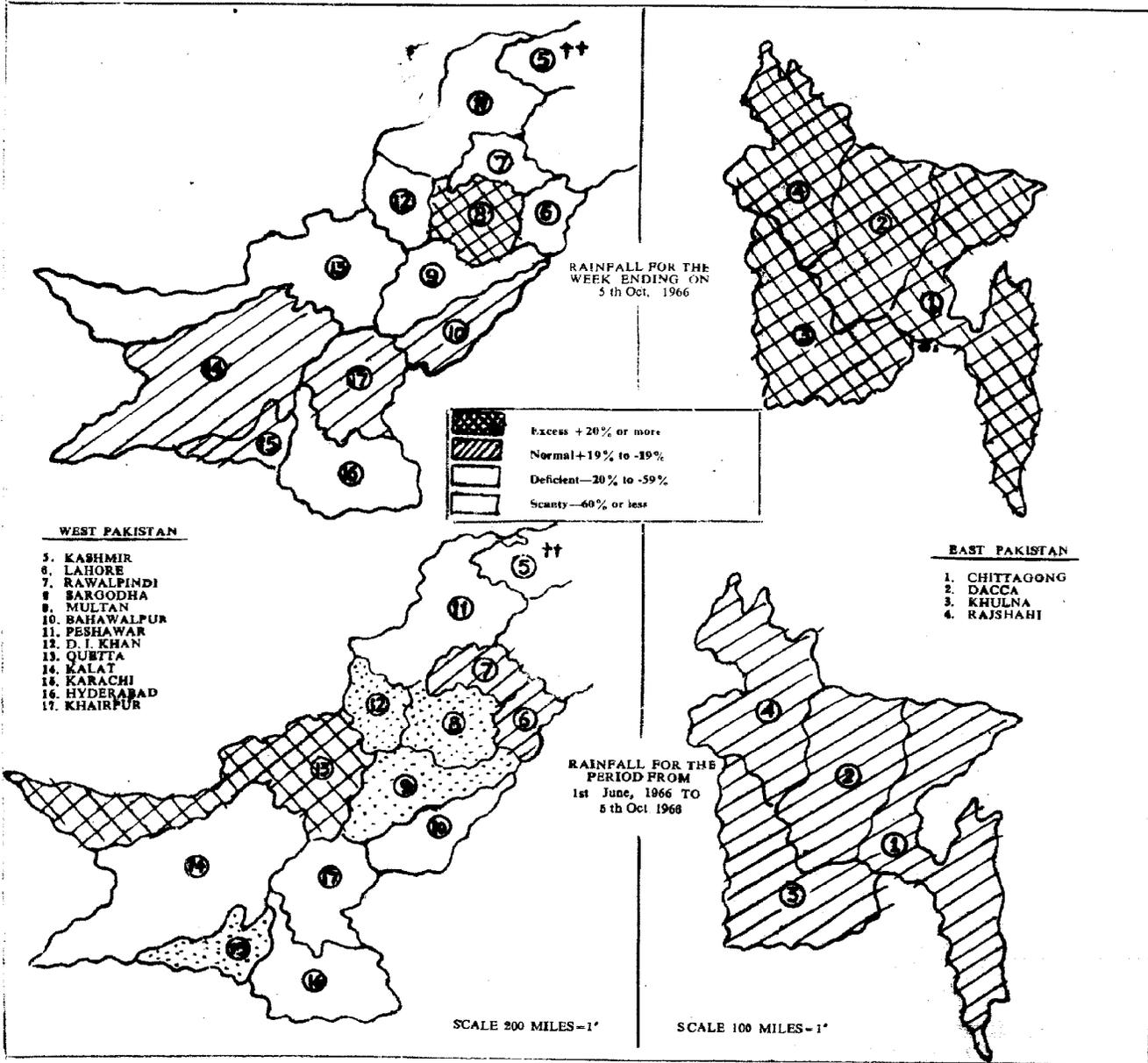
Rainfall for the period from 1st June 1966 to-date was in excess in Quetta normal in East Pakistan, Lahore and Rawalpindi divisions, deficit in Sargodha, Multan, D. I. Khan and Karachi divisions, scanty in Bahawalpur, Peshawar, Kalat, Hyderabad and Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for period from 1st June 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 5th Oct. 1966.			Rainfall for the Period from 1st June, 1966 to 5th Oct. 1966			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	2.9	2.2	+ 0.7	87.4	73.9	+11.5	+ 15
2. Dacca	4.3	1.7	+ 2.6	53.8	53.8	- 0.6	- 1
3. Khulna	5.0	1.4	+ 3.6	47.6	50.4	- 2.8	- 6
4. Rajshahi	4.0	1.6	+ 2.4	45.7	54.9	- 9.3	- 17
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.4	0.1	+ 0.2	15.7	19.1	- 3.4	- 18
7. Rawalpindi	0.1	0.5	- 0.4	31.2	29.9	+ 1.2	+ 4
8. Sargodha	0.6	0.1	+ 0.5	6.4	9.8	- 3.4	- 34
9. Multan	0	0.1	- 0.1	4.7	6.3	- 1.6	- 25
10. Bahawalpur	0	0	- 0	1.0	4.6	- 3.6	- 78
11. Peshawar	0	0.1	- 0.1	2.9	8.2	- 5.4	- 65
12. D. I. Khan	0	0.1	- 0.1	3.7	5.2	- 1.5	- 29
13. Quetta	0	0	+ 0	3.7	2.9	+ 0.8	+ 29
14. Kalat	0	0	- 0	0.1	1.1	- 1.0	- 87
15. Karachi	0	0	- 0	2.1	3.4	- 1.3	- 39
16. Hyderabad	0	0	- 0	1.6	5.7	- 4.1	- 72
17. Khairpur	0	0	- 0	0.5	2.3	- 1.8	- 80
18. Junagadh	—	—	—	—	—	—	—

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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 12th October, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: Last week's well marked low pressure area over Southwest Bay of Bengal intensified into a depression centered at 0300 GMT of 11th within a degree of latitude 13 °N and long 86 °E. It moved Northwest and lay with its centre within one degree of latitude 15 °N and long 84 °E at 0300 G.M.T. of the following day.

Under its influence incursion of moist easterlies took place into the province and caused fairly widespread rain/thundershowers over Khulna division on the 7th, over Chittagong division on the 12th and scattered over Chittagong and Rajshahi division on the 6th, over Rajshahi division on the 7th and over Dacca division on the 12th. The weather, otherwise, remained dry over East Pakistan.

Chief amount of rainfall reported over Dacca ½" on the 6th and Mymensingh 2", Rangamati, Sylhet & Srimangal 1½" each and Brahmanbaria 1" on the 12th.

Day temperatures over slightly to considerably below normal over Rajshahi division on the 6th, 7th and 8th. These were slightly to appreciably above normal over Chittagong division on 8th, 9th and 12th and over Khulna divisions on 9th and 12th respectively.

WEST PAKISTAN: Last week well marked low pressure area over Southeast Arabian Sea became unimportant on the morning of 11th without effecting weather over west Pakistan. However two western disturbances moving in close succession influenced the weather over the northern parts of the province. The first one moved a cross Khairpur and Multan division divisions between the 6th and the 8th. It caused local rain or thundershowers over Rawalpindi division and scattered thunderstorm or showers over Lahore, Multan, and Peshawar divisions on the 6th, scattered light showers over Peshawar division on the 7th, and local thunderstorm or showers over Peshawar division on the 8th.

The second one appeared over Northeast Iran and neighbourhood on the morning of 9th and moved away Northeastwards a cross North of Kashmir by the 12th. In its association local thundershowers occurred over Peshawar and Rawalpindi divisions on the 11th and scattered thunderstorm or light showers over Peshawar division on 9th, over Sargodha, Bahawalpur, D. I. Khan and Quetta divisions on the 11th and over Peshawar division on the 12th.

Chief amounts of rainfall reported were Murree and Kakul 2" each, Haripur 1" and Jhelum ½" on the 11th.

Day temperatures were slightly to appreciably above normal over Quetta division on the 10th, over Kalat division on the 8th, 9th, 10th and 12th, over Hyderabad division from 7th to 11th, over Karachi division on the 12th, and over Khairpur division on the 11th. These were otherwise appreciably to markedly below normal over the province.

2. CHITTAGONG DIVISION :	Fairly widespread rain fell on one day.
DACCA DIVISION :	Scattered rain fell on two days.
KHULNA DIVISION :	Fairly widespread, rain fell on one day.
RAJSHAHI DIVISION :	Scattered rain fell on two days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Dry weather.
RAWALPINDI DIVISION :	Local rain fell on two days and scattered on one day.
SARGODHA DIVISION :	} Dry weather.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Local and scattered rain fell on one day each.
D. I. KHAN DIVISION :	} Dry weather.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH	Data not available.

3 Based on the data of stations having normals, the week's rainfall was in large excess over Rawalpindi, Peshawar, D.I. Khan divisions, normal over Bahawalpur, Kalat, Karachi and Khairpur divisions, deficient over Dacca division and scanty elsewhere over the country.

Rainfall for the period from 1st June 1966 to-date was in excess over Quetta division, normal over East Pakistan, Lahore and Rawalpindi divisions and deficient over Sargodha, Multan, D.I. Khan, Karachi divisions and scanty elsewhere over the country.

4 The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June 1966 to-date.

Karachi—11
The 12th October, 1966.

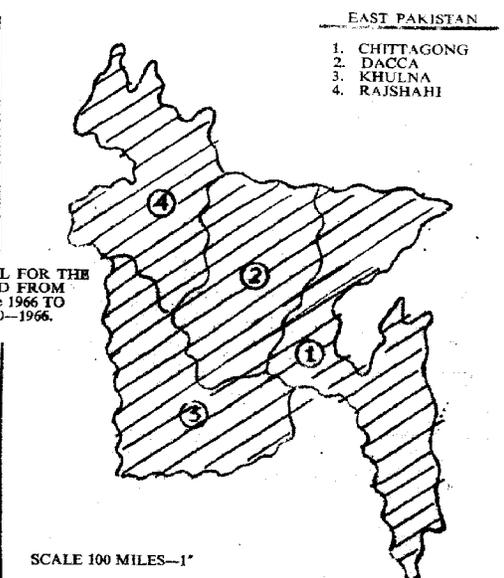
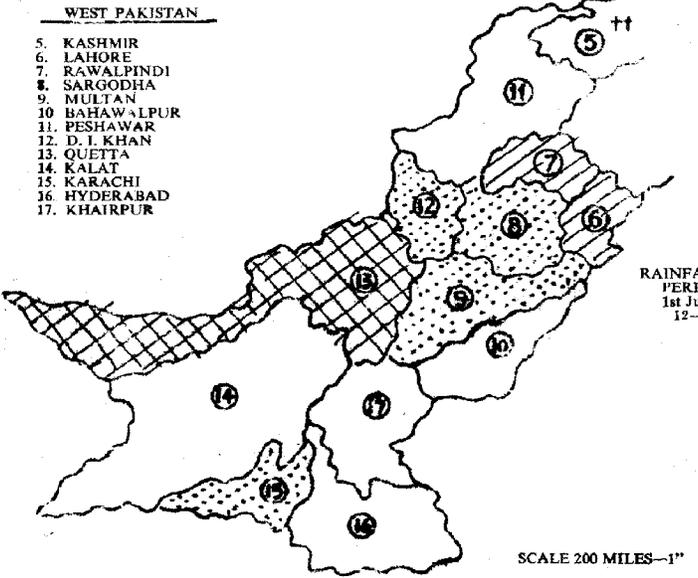
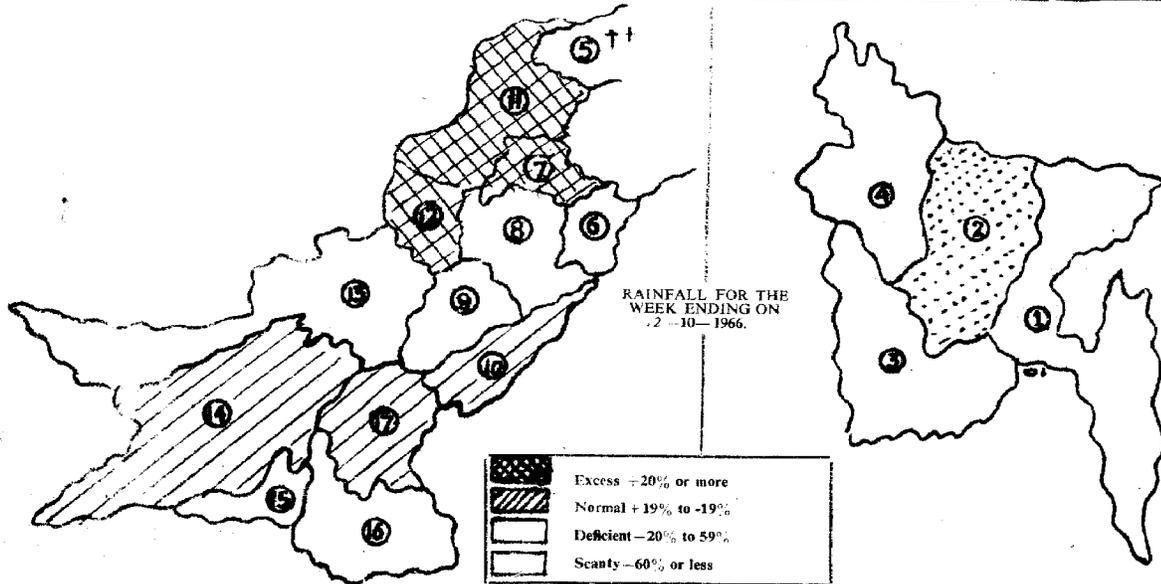
ZARIF AHMED

for Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 12th Oct. 1966.			Rainfall for the Period from 1st June, 1966 to 12th Oct. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0.7	1.7	- 1.0	88.1	77.6	+ 10.5	+ 14
2. Dacca	0.6	1.3	- 0.7	54.4	55.6	- 1.3	- 2
3. Khulna	0.4	1.1	- 0.7	48.0	51.5	- 3.5	- 7
4. Rajshahi	0.1	0.3	- 0.1	45.8	56.2	- 10.4	- 18
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.	0.1	+ 0.1	15.7	19.2	- 3.5	- 18
7. Rawalpindi	1.5	0.3	+ 1.2	32.7	30.2	+ 2.4	+ 8
8. Sargodha	0	0	0	6.4	9.9	- 3.4	- 35
9. Multan	0	0	0	4.7	6.3	- 1.6	- 25
10. Bahawalpur	0	0	0	1.0	4.6	- 3.6	- 78
11. Peshawar	0.1	0.1	+ 0.1	3.0	8.3	- 5.3	- 64
12. D. I. Khan	0	0	0	3.7	5.2	- 1.5	- 28
13. Quetta	0	0	0	3.7	2.9	+ 0.8	+ 28
14. Kalat	0	0	0	0	1.1	- 1.0	- 37
15. Karachi	0	0	0	2.1	3.4	- 1.3	- 39
16. Hyderabad	0	0	0	1.5	5.7	- 4.1	- 72
17. Khairpur	0	0	0	0.5	2.3	- 1.8	- 80
18. Junagadh	—	—	—	—	—	—	—

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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 19th October, 1966.

—o|O:—

SUMMARY OF WEATHER

EAST PAKISTAN: Last week's depression weekend & lay as a low pressure area off North Andhra coast on evening of the 13th. It then moved inland and gradually became unimportant over Madhyi Pradesh by the 16th. Under its influence local to fairly widespread rain or thundershowers occurred in the Province between 3th & 16th with locally heavy falls in Chittagong division throughout the above period, in Dacca division on the 13th and in Khulna division on the 14th & the 16th. Thereafter, a westerly low pressure area moved across the northern parts of the province and caused scattered to local rain or thundershowers in Chittagong division on the 17th, in Rajshahi division on the 18th and in Dacca & Rajshahi divisions on the 19th.

Significant amounts of rainfall recorded during the week were:- Majdee Court 3" & Rangamati, Comilla & Dacca 3" each on the 13th, Jessore 3" and Brahmanbaria 2" on the 14th, Brahmanbaria 3" and Comilla & Srimangal 2" each on the 15th and Brahmanbaria and Faridpur 3" each on the 16th.

Day temperatures were markedly to considerably below normal in Chittagong division and slightly to appreciably so elsewhere in the province on the 13th and practically in the whole province between the 14th and the 16th. These were slightly to appreciably above normal in Dacca, Khulna & Rajshahi divisions on the last day of the week.

WEST PAKISTAN: A western disturbance moved across the extreme northern parts of the province and caused scattered rain in Peshawar division on the 16th. Another western disturbance appeared over north Afghanistan on the 18th and lay over Multan and Lahore divisions on the last day of the week. It caused local to fairly widespread rain or thundershowers in Rawalpindi & Peshawar divisions on the 19th and scattered in Peshawar division and a few falls of drizzle in Rawalpindi divisions, a day earlier.

Chief amounts of rainfall recorded during the week were :- Murree 1½" & Haripur & Kakul 1" each on the 18th.

Day temperatures were slightly to appreciably below normal in Lahore, Multan, Sargodha, Peshawar, Hyderabad & Khairpur divisions on the 13th and in the first two named divisions on the 14th & 15th & the 16th. These were appreciably to markedly above normal in Karachi & Quetta divisions on the 13th and slightly to appreciably so in Quetta, Kalat, Karachi and Hyderabad divisions between the 14th and the 16th and in these and in Rawalpindi, Peshawar and Bahawalpur divisions on the last three days of the week.

2. CHITTAGONG DIVISION :	Widespread and fairly widespread rain fell on two days each and scattered on one day.
DACCA DIVISION :	Fairly widespread rain fell on three days and local on two days.
KHULNA DIVISION :	Widespread rain fell on two days fairly widespread and local on one day each.
RAJSHAHI DIVISION :	Fairly widespread and local rainfall on two days each and scattered on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Dry weather.
RAWALPINDI DIVISION :	Local rainfall on one day.
SARGODHA DIVISION :	} Dry Weather.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Fairly widespread rainfall on one day and scattered on two days.
D. I. KAHN DIVISION :	} Dry Weather.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	} Data not available.
JUNAGADH:	

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

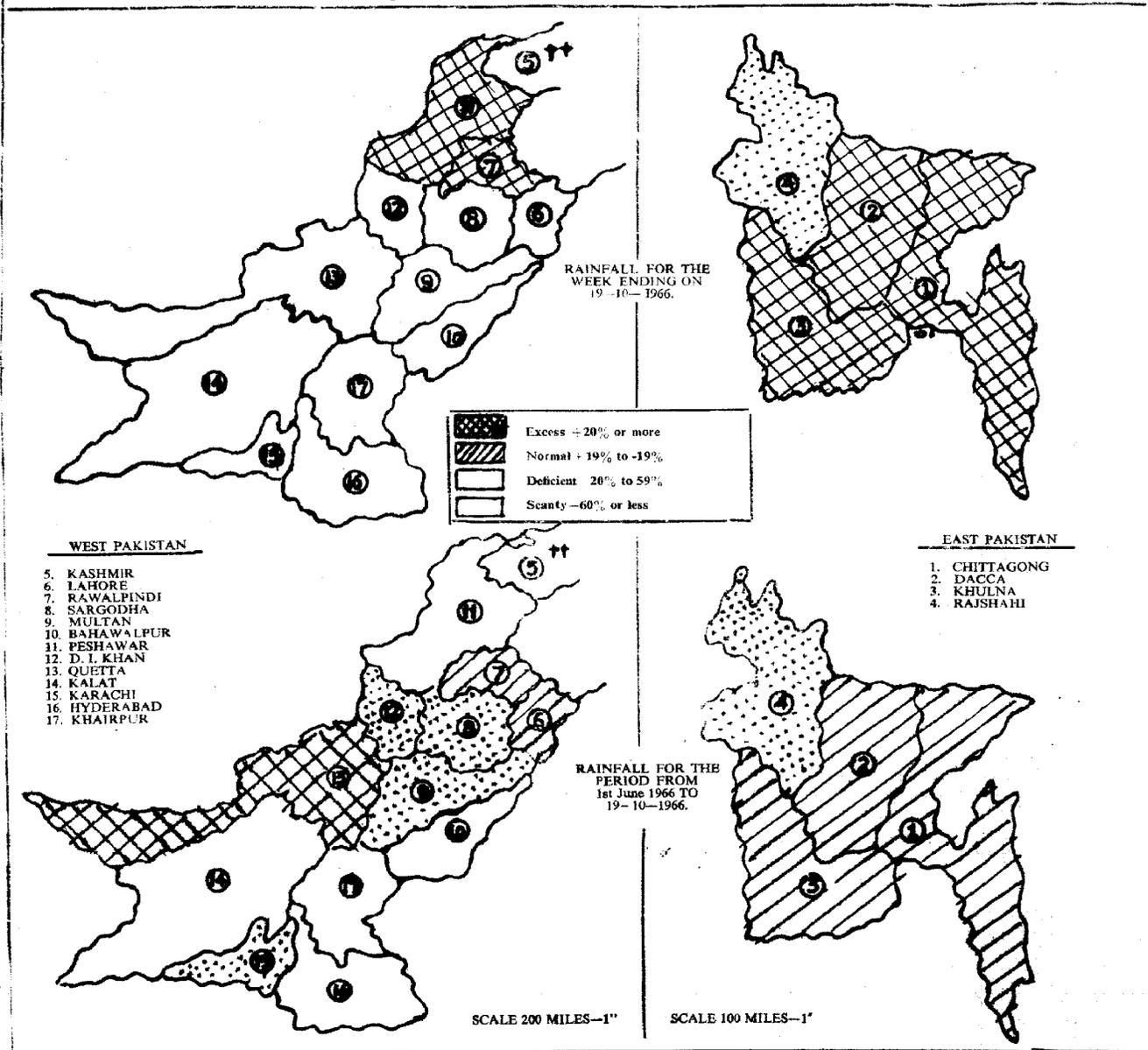
Rainfall for the period from 1st June 1966 to-date was in excess in Quetta division, normal in Chittagong, Dacca, Khulna, Lahore and Rawalpindi divisions, deficit in Rajshahi, Sargodha, Multan, D. I. Khan and Karachi divisions and scanty elsewhere in West Pakistan.

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

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 19th Oct. 1966.			Rainfall for the Period from 1st June, 1966 to 19th Oct. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	5.9	1.4	+ 4.5	94.0	79.0	+ 15.0	+ 19
2. Dacca	2.9	1.5	+ 1.3	57.3	57.2	+ 0.1	Normal
3. Khulna	3.6	1.3	+ 2.3	51.6	52.8	- 1.2	- 2
4. Rajshahi	0.9	1.8	- 0.9	46.7	58.0	- 11.3	- 20
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.	0	0	15.7	19.2	- 3.5	- 18
7. Rawalpindi	0.7	0.2	+ 0.5	33.4	30.4	+ 2.9	+ 10
8. Sargodha	0	0	0	6.4	9.9	- 3.4	- 35
9. Multan	0	0	0	4.7	6.3	- 1.6	- 25
10. Bahawalpur	0	0	0	1.0	4.6	- 3.6	- 78
11. Peshawar	0.3	0.1	+ 0.2	3.3	8.4	- 5.1	- 60
12. D. I. Khan	0	0	0	3.7	5.2	- 1.5	- 29
13. Quetta	0	0	0	3.7	2.9	+ 0.8	+ 27
14. Kalat	0	0	0	0.1	1.2	- 1.0	- 87
15. Karachi	0	0	0	2.1	3.4	- 1.3	- 39
16. Hyderabad	0	0	0	1.6	5.7	- 4.1	- 72
17. Khairpur	0	0	0	0.5	2.3	- 1.8	- 79
18. 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 October, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : A westerly low pressure wave appeared over west Bengal and neighbourhood on the 20th and moved away slowly northeastwards after causing scattered to local rain or thundershowers in Dacca, Rajshahi and Khulna divisions between the 21st & the 22nd and only in Rajshahi division on the 20th. A few falls of light rain or thunderstorm also occurred in Chittagong & Dacca division on the 20th. It was followed by another westerly low pressure wave, which appeared over West Bengal on the 24th and moved away across East Pakistan on the next day. Under its influence scattered to local rain or thundershowers occurred in Rajshahi division on the 24th and in this and in Dacca & Khulna divisions on the 25th.

Chief amounts of rainfall recorded were :- Narayanganj $\frac{1}{2}$ " on the 21st, Satkhira, Jessore & Sirajganj $\frac{1}{2}$ " each on the 22nd, Dinajpur $\frac{1}{2}$ " on the 24th and Dacca, Jessore & Bogra $\frac{3}{4}$ " each on the 25th.

Night temperatures were slightly to appreciably above normal in Rajshahi, Khulna & Chittagong divisions between the 20th & the 22nd, only in Khulna division on the 26th and in the whole province on the 23rd. These were slightly to appreciably below normal in Chittagong division on the 24th.

WEST PAKISTAN : Last week's western disturbance over Multan and Lahore divisions moved away Eastwards on the first day of the week after causing scattered to local rain or thundershowers in Rawalpindi & Peshawar divisions & a few falls of light rain in Lahore division. Thereafter to western disturbances affected the weather over the province. The first one appeared over north of Afghanistan, on the 21st and moved away eastwards across the northern parts of Kashmir by the 22nd. It caused scattered thunderstorms & showers in Rawalpindi & Peshawar divisions on the 21st and 22nd. The second western disturbance appeared over north Afghanistan on the 25th and moved away north eastwards across Kashmir after causing light rain in Peshawar division on the 25th and local rain or thundershowers in Rawalpindi and Peshawar divisions on the 26th. According to newspaper report Rawalpindi and Islamabad received hail storm for five minutes, while snow fell over the surrounding hills on the 25th.

Significant amounts of rain falls recorded were Haripur & Kakul $1\frac{1}{2}$ " on the 20th and Murree and Haripur 1 " each on the 26th. Night temperatures were slightly to appreciably below normal in Peshawar, Quetta and Kalat divisions on the 20th, 21st and 22nd and in Rawalpindi, Lahore, Hyderabad divisions on the 23rd, 24th and the 25th. These were slightly to appreciably above normal in Lahore, Multan, D. I. Khan, Karachi, Hyderabad and Khairpur divisions on the 20th and practically in whole province on the 26th.

2. CHITTAGONG DIVISION :	Weather remained mainly dry.
DACCA DIVISION :	Local rain fell on two days and scattered on one day.
KHULNA DIVISION :	Local rain fell on two days.
RAJSHAHI DIVISION :	Local rain fell on two days and scattered on three days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained mainly dry.
RAWALPINDI DIVISION :	Local rain fell on two days.
SARGODHA DIVISION :	} Dry weather.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Local rain fell on one day and scattered on two days.
D. I. KHAN DIVISION :	} Dry weather.
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	} Data not available.
JUNAGADH	

3. Based on the data of stations having normals, the week's rainfall was in large excess in Rawalpindi & Peshawar divisions, normal in Rajshahi division, deficit in Khulna division and scanty in Dacca division, where as no rainfall elsewhere in West Pakistan.

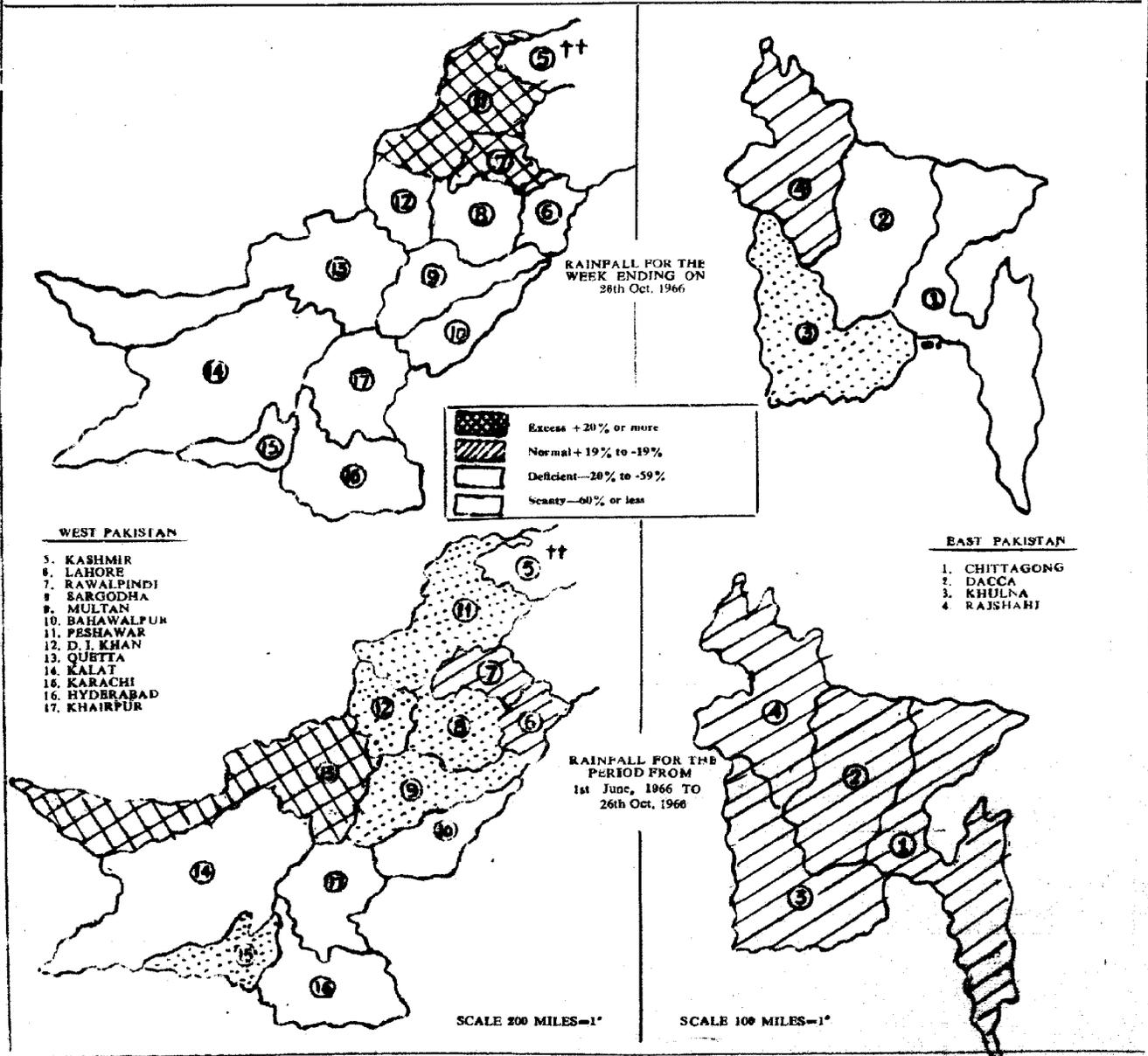
Rainfall for the period from 1st June 1966 to-date was in excess in Quetta division, normal in East Pakistan and in Lahore and Rawalpindi divisions deficit in Sargodha, Multan, Peshawar, D. I. Khan and Karachi divisions and scanty in Bahawalpur, Kalat, Hyderabad & Khairpur divisions.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 26th Oct. 1966.			Rainfall for the Period from 1st June, 1966 to 26th Oct. 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0	1.5	- 1.5	94.0	80.5	+13.5	+ 17
2. Dacca	0.4	1.0	- 0.6	57.6	58.1	- 0.5	- 1
3. Khulna	0.5	0.9	- 0.3	52.1	53.7	- 1.6	- 3
4. Rajshahi	0.7	1.7	0	47.3	58.7	-11.4	- 19
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	15.7	19.3	- 3.6	- 19
7. Rawalpindi	0.6	0.2	+ 1.4	35.0	30.7	+ 4.3	+ 14
8. Sargodha	0	0	0	6.4	9.9	- 3.5	- 35
9. Multan	0	0	0	4.7	6.3	- 1.6	- 26
10. Bahawalpur	0	0	0	1.0	4.6	- 3.6	- 78
11. Peshawar	0.2	0.1	+ 0.1	3.5	8.5	- 5.0	- 59
12. D. I. Khan	0	0	0	3.7	5.2	- 1.5	- 29
13. Quetta	0	0	0	3.7	3.0	+ 0.7	+ 25
14. Kalat	0	0.1	- 0.1	0.1	1.3	- 1.2	- 88
15. Karachi	0	0	0	2.1	3.4	- 1.3	- 39
16. Hyderabad	0	0	0	1.6	5.7	- 4.1	- 72
17. Khairpur	0	0	0	0.5	2.3	- 1.8	- 79
18. 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 2nd November, 1966.

—oIo—

SUMMARY OF WEATHER

EAST PAKISTAN : A westerly low pressure wave moved rapidly across the north of the province & caused a few falls of light rain in Chittagong division on the 27th thereafter, weather remained dry over the province.

Night temperatures were slightly to appreciably above normal practically in the whole province Lahore the 27th & the 28th and between the 1st & the 2nd only in Chittagong & Khulna divisions on the 31st.

WEST PAKISTAN : Two feeble western disturbances affected the weather over west Pakistan. The first one appeared over Quetta & Kalat divisions on the 27th weekend & moved away northeastwards lay as a trough of low pressure across Sargodha & Multan divisions on the next day. It caused scattered to local rain or thundershowers in Peshawar, D. I. Khan & Quetta divisions and a few falls of light rain or drizzle in Lahore, Sargodha & Multan divisions on the 28th and only in Quetta division a day earlier the second one appeared over central Afghanistan with its trough extending to Kalat division on the 29th. It also moved away north-eastwards across Kashmir while its trough moved across the central divisions and lay over Rajasthan on the 31st. Under its influence local rain fell in Quetta division on the 29th scattered in Rawalpindi and Kalat divisions on the 30th and in Sargodha & Quetta divisions on the 31st. A few falls of light rain or thundershowers were also reported from Peshawar & Kalat divisions on the 29th and from most of the northern divisions between the 30th & the 31st.

Chief amounts of rainfall recorded during the week were : Wana 1½" on the 28th, Hernai 1" on the 29th and Sargodha 1" on the 31st.

Night temperatures were markedly to considerably above normal in Quetta & Kalat divisions & slightly to appreciably so elsewhere in the province on the 28th in Lahore, Rawalpindi, Quetta, Kalat, Hyderabad & Khairpur divisions on the 27th, practically in the whole province on the side Karachi, Peshawar & Rawalpindi divisions between the 29th & the 1st and in the southern and some of the northern divisions on the 2nd.

2. CHITTAGONG DIVISION :	Weather remained mainly dry.
DACCA DIVISION :	} Weather remained dry.
KHULNA DIVISION :	
RAJSHAHI DIVISION :	
KASHMIR :	Data not available.
LAHORE DIVISION :	weather remained mainly dry.
RAWALPINDI DIVISION :	Scattered rainfall on one day.
SARGODHA DIVISION :	Scattered rain fell on one day.
MULTAN DIVISION :	Weather remained mainly dry.
BAHAWALPUR DIVISION :	Weather remained dry.
PESHAWAR DIVISION :	} Scattered rain fell on one day.
D. I. KHAN DIVISION :	
QUETTA DIVISION :	Local rain fell on two days and scattered on one day.
KALAT DIVISION :	Scattered rain fell on one day.
KARACHI DIVISION :	} Weather remained dry.
HYDERABAD DIVISION :	
KHAIRPUR DIVISION :	
JUNAGADH :	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in Lahore, Sargodha and Quetta divisions, normal in Multan, Bahawalpur & Kalat divisions & scanty in Chittagong & D. I. Khan divisions. No rain fell elsewhere in the country.

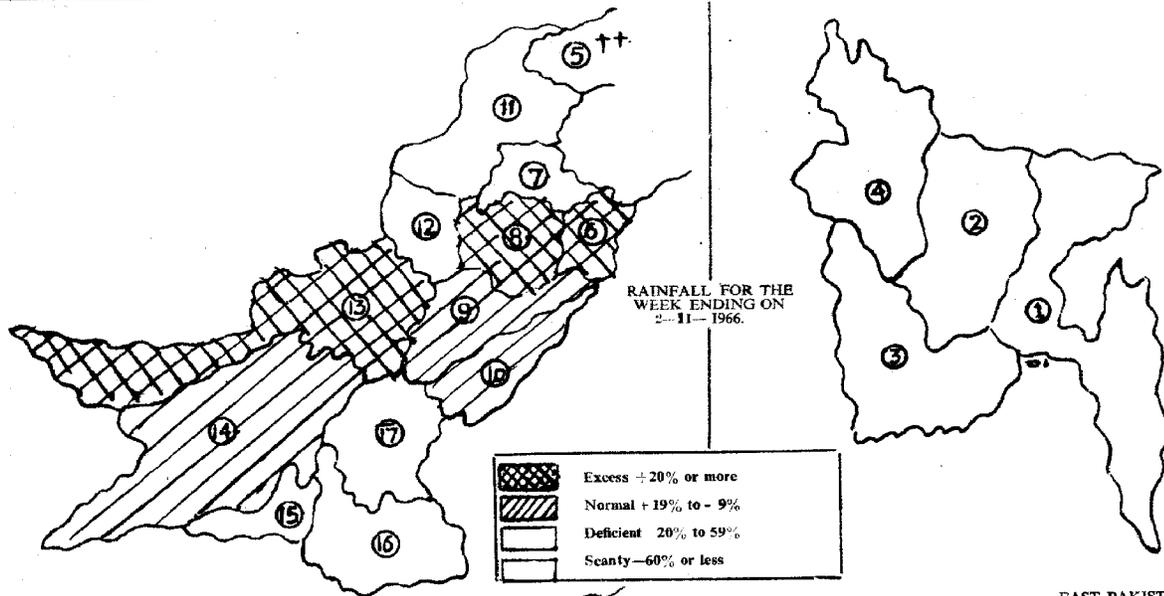
Rainfall for the period from 1st June 1966 to-date was in excess in Quetta division normal in Chittagong, Dacca, Khulna, Lahore and Rawalpindi divisions, deficient in Rajshahi, Sargodha, Multan, Peshawar, D. I. Khan & Karachi divisions and scanty elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st June 1966 to 31st October 1966.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 2nd Nov. 1966.			Rainfall for the Period from 1st June, 1966 to 31st Oct. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0	1.3	- 1.3	94.0	81.5	+ 12.5	+ 15
2. Dacca	0	0.8	- 0.8	57.6	58.8	- 1.1	- 2
3. Khulna	0	0.9	- 0.9	52.1	54.3	- 2.2	- 4
4. Rajshahi	0	0.4	- 0.4	47.4	59.0	- 11.7	- 20
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0	0	15.7	19.3	- 3.6	- 19
7. Rawalpindi	0	0.1	- 0.1	35.0	30.7	+ 4.3	+ 14
8. Sargodha	0	0	0	6.5	9.9	- 3.5	- 35
9. Multan	0	0	0	4.7	6.3	- 1.6	- 26
10. Bahawalpur	0	0	0	1.0	4.6	+ 3.6	+ 78
11. Peshawar	0	0.1	- 0.1	3.5	8.6	- 5.0	- 59
12. D. I. Khan	0	0	0	3.7	5.2	- 1.5	- 29
13. Quetta	0.4	0	+ 0.4	4.1	3.0	+ 1.1	+ 37
14. Kalat	0	0	0	0.1	1.3	- 1.1	- 84
15. Karachi	0	0	0	2.1	3.4	- 1.3	- 39
16. Hyderabad	0	0	0	1.6	5.7	- 4.1	- 72
17. Khairpur	0	0	0	0.5	2.3	- 1.8	- 79
18. 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.

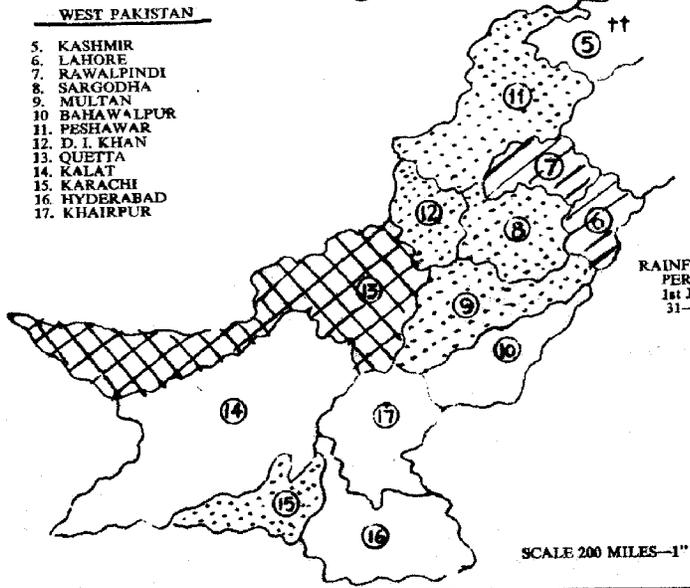


WEST PAKISTAN

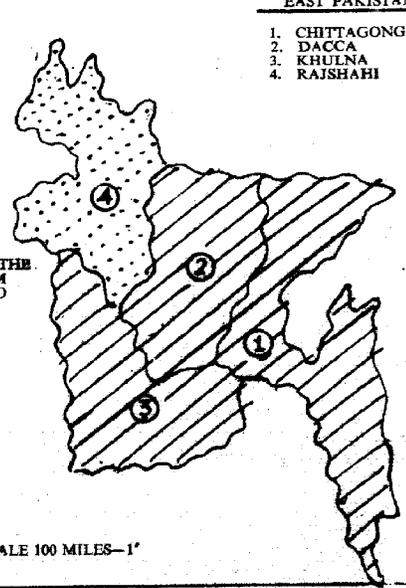
- 5. KASHMIR
- 6. LAHORE
- 7. RAWALPINDI
- 8. SARGODHA
- 9. MULTAN
- 10. BAHAWALPUR
- 11. PESHAWAR
- 12. D. I. KHAN
- 13. QUETTA
- 14. KALAT
- 15. KARACHI
- 16. HYDERABAD
- 17. KHAIRPUR

EAST PAKISTAN

- 1. CHITTAGONG
- 2. DACCA
- 3. KHULNA
- 4. 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 November, 1966.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN : Weather remained dry over the province during the week.

Night temperatures were slightly to appreciably below normal in East Pakistan outside Khulna division on the 5th & the 6th in the whole province on the next two days and in Chittagong & Rajshahi divisions on the 9th. These were slightly above normal in the province on the 4th.

WEST PAKISTAN : The province experienced dry weather during the week.

Night temperatures were slightly above normal in Karachi & Khairpur divisions on the 3rd and in Quetta & Kalat divisions on the 4th. These were appreciably to markedly below normal in Quetta & Kalat division and slightly to appreciably so in some of the northern divisions on the 9th, in Quetta, Kalat, Multan & Bahawalpur divisions between the 4th & the 7th and, in Quetta, Sargodha & Bahawalpur divisions on the 8th.

2. CHITTAGONG DIVISION :	}	Weather remained dry.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :		
KASHMIR :		Data not available.
LAHORE DIVISION :	}	Weather remained dry.
RAWALPINDI DIVISION :		
SARGODHA DIVISION :		
MULTAN DIVISION :		
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		
D. I. KHAN DIVISION :		
QUETTA DIVISION :		
KALAT DIVISION :		
KARACHI DIVISION :		
HYDERABAD DIVISION :		
KHAIRPUR DIVISION :		
JUNAGADH		Data not available.

3. Based on the data of stations having normals, the week's rainfall was normal in Lahore, Sargodha, Multan, Bahawalpur, Kalat, Hyderabad and Khairpur divisions and scanty elsewhere in the country.

Rainfall for the period from 1st November 1966 to-date was normal in Lahore, Sargodha, Multan, Bahawalpur, Kalat, Hyderabad and Khairpur divisions and scanty elsewhere over the country.

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

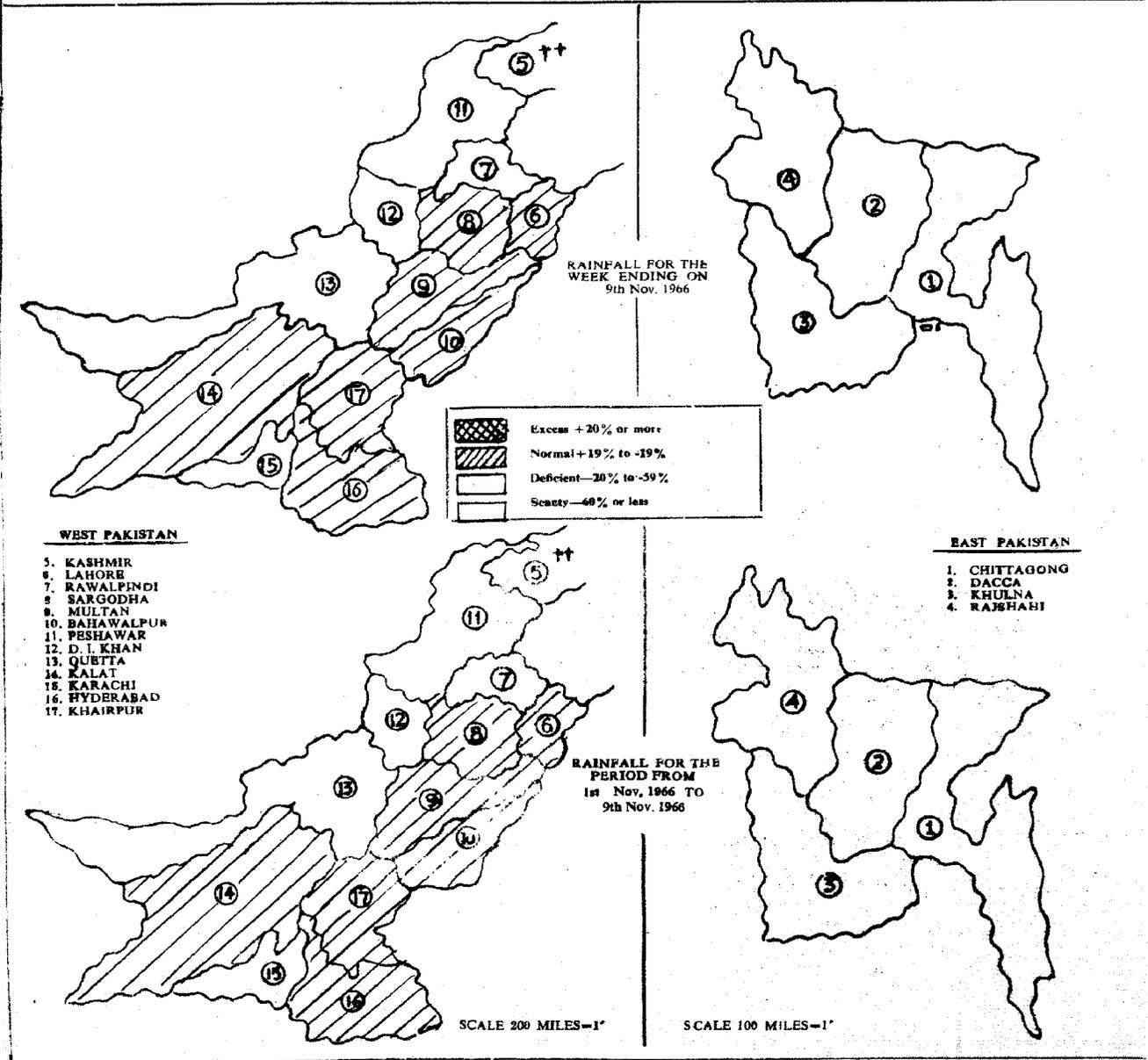
Karachi—11
The 9th November, 1966

ZARIF AHMED
for Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 9th Nov. 1966.			Rainfall for the Period from 1st Nov. 1966 to 9th Nov. 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0	0.8	- 0.8	0	1.1	- 1.1	- 100
2. Dacca	0	0.4	- 0.4	0	0.6	- 0.6	- 100
3. Khulna	0	0.4	- 0.4	0	0.6	- 0.6	- 100
4. Rajshahi	0	0.3	- 0.3	0	0.3	- 0.3	- 100
5. Kashmir††	=	-	-	-	-	-	-
6. Lahore	0	0	0	0	0	0	0 Normal
7. Rawalpindi	0	0.1	- 0.1	0	0.1	- 0.1	- 100
8. Sargodha	0	0	0	0	0	0	Normal
9. Multan	0	0	0	0	0	0	Normal
10. Bahawalpur	0	0	0	0	0	0	Normal
11. Peshawar	0	0.1	- 0.1	0	0.1	- 0.1	- 100
12. D. I. Khan	0	0	0	0	0	0	- 100
13. Quetta	0	0	0	0	0	0	- 100
14. Kalat	0	0	0	0	0	0	Normal
15. Karachi	0	0	0	0	0	0	- 100
16. Hyderabad	0	0	0	0	0	0	Normal
17. Khairpur	0	0	0	0	0	0	Normal
18. 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 November, 1966.

—o|O:—

SUMMARY OF WEATHER

EAST PAKISTAN : A westerly low pressure wave moved across the sub-Himalyan West Bengal on the last day of the week and caused a few falls of light rain in Rajshahi division. Weather was otherwise dry over the province during the week. Night temperatures were slightly to appreciably below normal in the province on the 10th and were to the same extent above normal in Dacca and Rajshahi divisions on the 14th and in the whole province on the last two days of the week.

WEST PAKISTAN : A westerly low pressure wave moved across Kashmir and caused isolated thunderstorms in Rawalpindi division on the 14th. Dry weather prevailed otherwise over the province during the week. Night temperatures were markedly to considerably below normal in Quetta and Kalat divisions and slightly to appreciably so elsewhere in the province on the 15th practically in the whole province on the 10th, 13th and the 14th and in Quetta, Multan, Bahawalpur, Khairpur, Kalat and Peshawar divisions between the 11th and the 12th. These were appreciably to markedly below normal in Quetta and Kalat divisions on the 16th.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :		Weather remained mainly dry.
KASHMIR DIVISION :		Data not available.
LAHORE DIVISION :		Weather remained dry during the week.
RAWALPINDI DIVISION :		Weather remained mainly dry.
SARGODHA DIVISION :	}	Weather remained dry during the week.
MULTAN DIVISION :		
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		
D.I. KAHN DIVISION :		
QUETTA DIVISION :		
KALAT DIVISION :		
KARACHI DIVISION :		
HYDERABAD DIVISION :		
KHAIRPUR DIVISION :		
JUNAGADH		Data not available.

3. Based on the data of stations having normals, the week's rainfall was scanty in Rajshahi division, where as no rain fell elsewhere over the country.

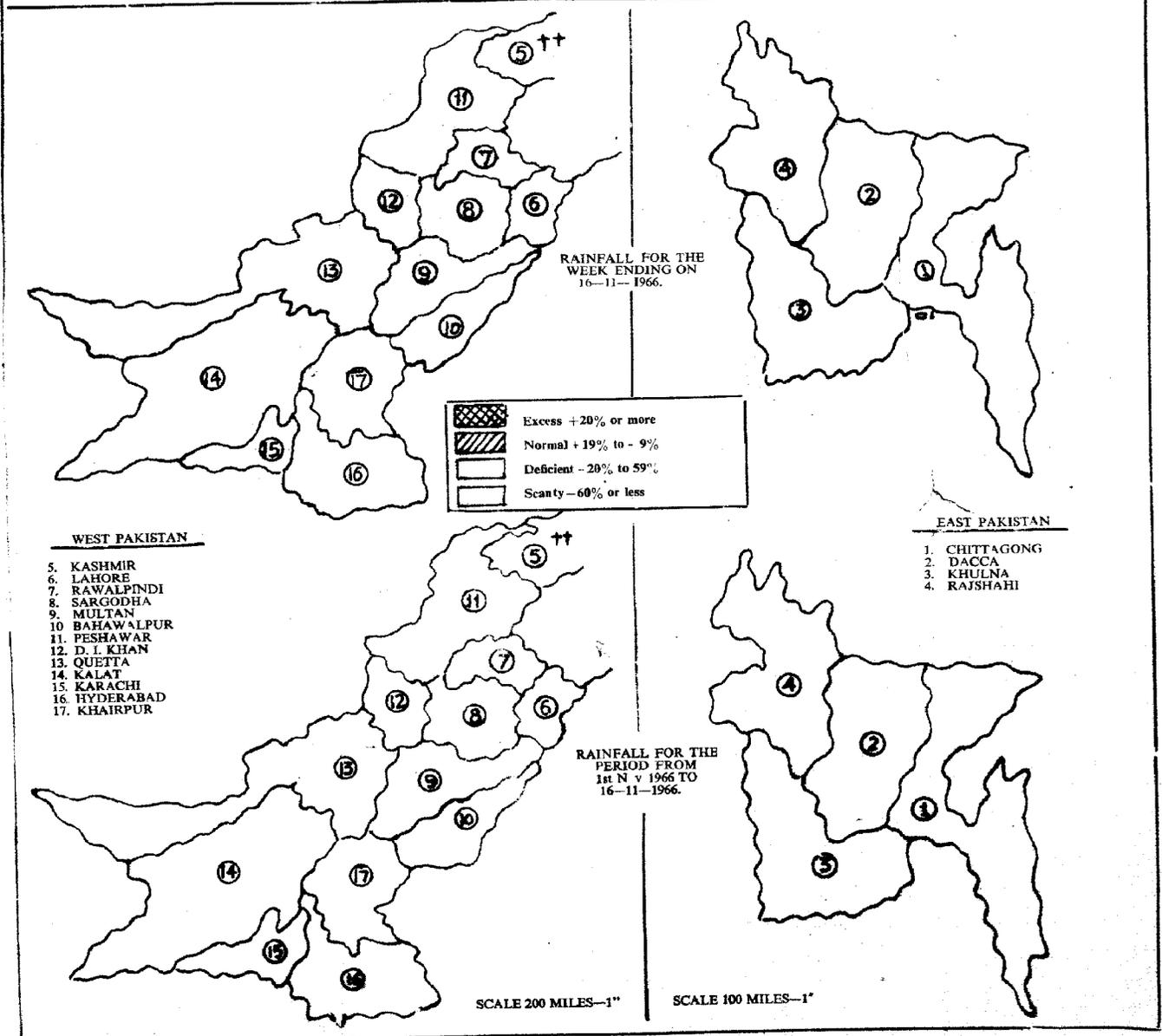
Rainfall for the period from 1st November 1966 to-date was scanty in Rajshahi division. No rain fell elsewhere over the country.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1966, to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 16th Nov. 1966.			Rainfall for the Period from 1st Nov. 1966 to 16th Nov. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0	0.3	— 0.3	0	1.4	— 1.4	— 100
2. Dacca	0	0.2	— 0.2	0	0.8	— 0.8	— 100
3. Khulna	0	0.3	— 0.3	0	0.9	— 0.9	— 100
4. Rajshahi	0	0.1	— 0.1	0	0.5	— 0.5	— 96
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0	0	0	0	0	— 100
7. Rawalpindi	0	0.1	— 0.1	0	0.2	— 0.2	— 100
8. Sargodha	0	0	0	0	0	0	— 100
9. Multan	0	0	0	0	0	0	Normal
10. Bahawalpur	0	0	0	0	0	0	Normal
11. Peshawar	0	0	0	0	0.1	— 0.1	— 100
12. D. I. Khan	0	0	0	0	0	0	— 100
13. Quetta	0	0	0	0	0	0	— 100
14. Kalat	0	0	0	0	0	0	— 100
15. Karachi	0	0	0	0	0	0	— 100
16. Hyderabad	0	0.1	— 0.1	0	0.1	— 0.1	— 100
17. Khairpur	0	0	0	0	0	0	Normal
18. 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

- 5. KASHMIR
- 6. LAHORE
- 7. RAWALPINDI
- 8. SARGODHA
- 9. MULTAN
- 10. BAHAWALPUR
- 11. PESHAWAR
- 12. D. I. KHAN
- 13. QUETTA
- 14. KALAT
- 15. KARACHI
- 16. HYDERABAD
- 17. KHAIRPUR

EAST PAKISTAN

- 1. CHITTAGONG
- 2. DACCA
- 3. KHULNA
- 4. 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 23rd November, 1966.

---o:O:o---

SUMMARY OF WEATHER

EAST PAKISTAN: An easterly low pressure area on entering the Bay of Bengal started intensifying and by the 9th morning deepened into a depression centred at 0300 G.M.T. within one degree of latitude 12°N and longitude 85°E . It continued deepening, moved in a northerly direction and lay as a cyclonic storm of small extent at 20,0300 G.M.T. near latitude 15.5°N and longitude 85°E . It then moved Northnorthwest-wards, crossed Andhra coast on the morning of 22nd, weakened and lay as a depression on the morning of the 23rd close to Titilegerh. Under its influence rain or thundershowers were widespread in Dacca Rajshahi and Khulna divisions on the 22nd and the 23rd and scattered to local in Chittagong division on the between the 20th and the 23rd. A few falls of light rain or drizzle also occurred in Dacca division on the 20th and the 21st. Earlier in the beginning of the week, a feeble western disturbance moved across the northern parts of the province and caused scattered rain in Rajshahi division on the 17th.

Chief amounts of rainfall recorded during the week were :- Cox's Bazar 2" on the 21st ; Khulna $3/4$ " on the 22nd Brahmanbaria 3", Srimangal and Dinajpur 1" each on the 23rd.

Night temperatures were appreciably to markedly above normal in the province on the 22nd and the 23rd and slightly to appreciably so during the rest of the week.

WEST PAKISTAN: A feeble western disturbance while moving across the north of Kashmir caused a few falls of light rain or drizzle in Rawalpindi division on the 18th. Weather otherwise, remained dry over the province.

Night temperatures were slightly to appreciably below normal in Quetta and Kalat divisions on the 17th, in these and in Bahawalpur and Khairpur divisions on the 18th, practically in the whole province on the 19th and the 20th, in Bahawalpur, Kalat & Hyderabad divisions on the 21st and in these & in Multan and Quetta divisions on the 22nd & the 23rd. These were slightly to appreciably above normal in Hyderabad division on the 17th & in Lahore, Rawalpindi & Peshawar divisions on the 18th.

2. CHITTAGONG DIVISION :	Rainfall was local and scattered on two days each.
DACCA DIVISION :	Widespread rain fell on two days.
KHULNA DIVISION :	Widespread and fairly widespread rain fell on one day each.
RAJSHAHI DIVISION :	Rainfall was widespread on two days and scattered on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained dry.
RAWALPINDI DIVISION :	Weather remained mainly dry
SARGODHA DIVISION :	} Weather remained dry during the week.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	
D. I. KHAN DIVISION :	
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	} Data not available.
KHAIRPUR DIVISION :	
JUNAGADH	

3. Based on the data of stations having normals, the week's rainfall was in large excess in East Pakistan. No rain fell in West Pakistan.

Rainfall for the period from 1st November 1966 to-date was in large excess in Rajshahi division, normal in Dacca division & deficient in Chittagong & Khulna divisions. No rain has fallen so far in West Pakistan

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1966 to-date.

Karachi—11
The 23rd November, 1966

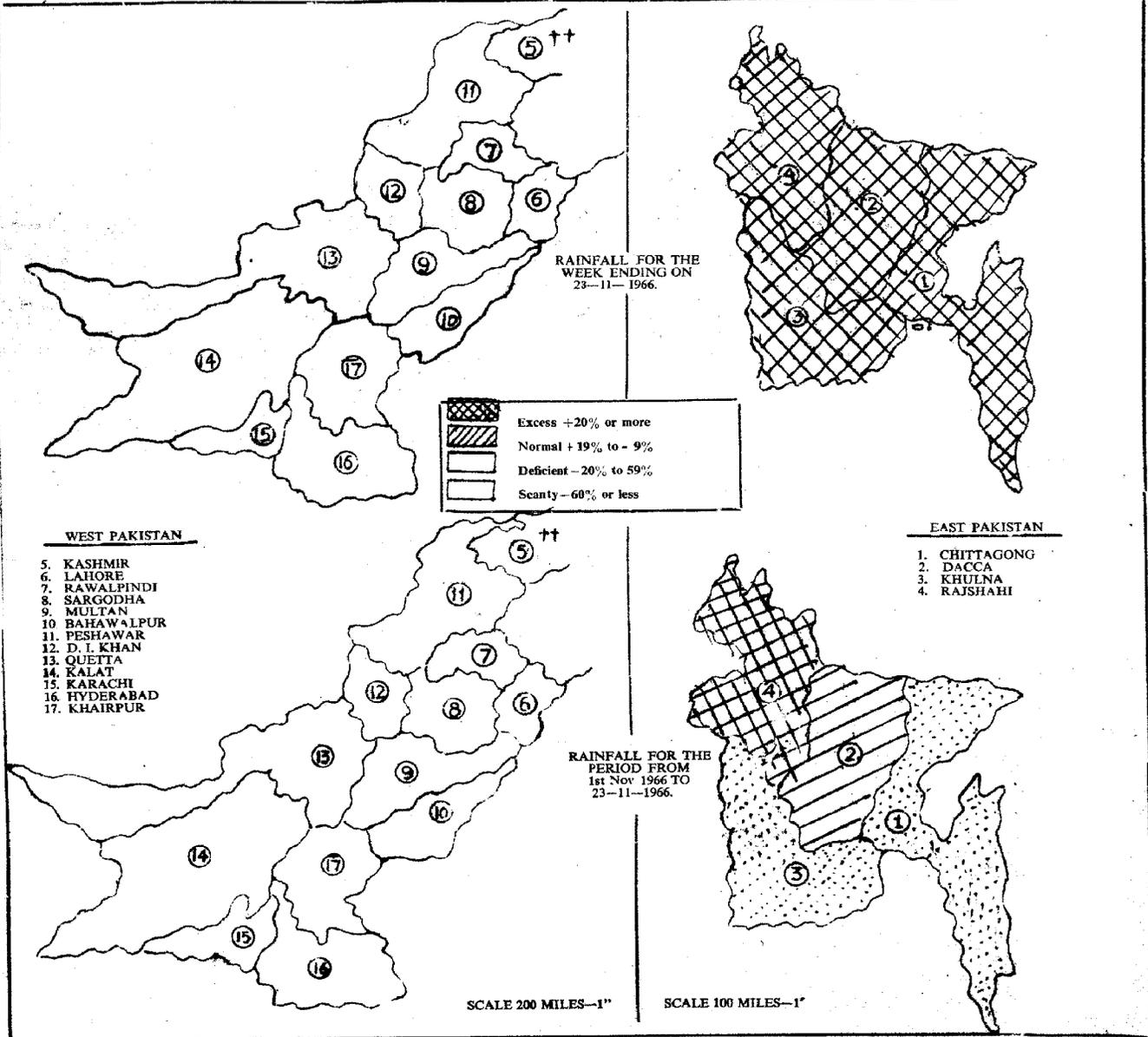
ZARIF AHMED

for Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 23rd Nov. 1966.			Rainfall for the Period from 1st Nov, 1966 to 23rd Nov. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	1.2	0.3	+ 0.9	1.2	1.6	- 0.4	- 27
2. Dacca	0.8	0.1	+ 0.7	0.8	0.9	- 0.1	- 16
3. Khulna	0.8	0.2	+ 0.6	0.8	0.1	- 0.3	- 28
4. Rajshahi	1.1	0.1	+ 1.0	1.1	0.5	+ 0.5	+ 98
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0	0	0	0	- 0.1	- 100
7. Rawalpindi	0	0.1	- 0.1	0	0.1	- 0.4	- 100
8. Sargodha	0	0.1	- 0.1	0	0.4	- 0.1	- 100
9. Multan	0	0	0	0	0.1	0	Normal
10. Bahawalpur	0	0	0	0	0	0	- 100
11. Peshawar	0	0.1	- 0.1	0	0.1	- 0.1	- 100
12. D. I. Khan	0	0	0	0	0	0	- 100
13. Quetta	0	0	0	0	0.1	- 0.1	- 100
14. Kalat	0	0.1	- 0.1	0	0.1	0.1	- 100
15. Karachi	0	0	0	0	0	- 0	- 100
16. Hyderabad	0	0.1	- 0.1	0	0.1	- 0.1	- 100
17. Khairpur	0	0	0	0	0	0	Normal
18. 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 30th November, 1966.

—oIo—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's deep depression weakened rapidly and lay as a well marked low pressure area over Chota Nagpur and Bihar on the first day of the week. It then moved away northeastwards across Sub-Himalayan West Bengal on the 25th. Under its influence scattered to local rain or thundershowers occurred in the province on the 24th and a few falls of light rain in Chittagong division on the 25th. Weather, thereafter, remained dry over the province.

Significant amounts of rainfall recorded were :- Majdee Court $1\frac{1}{2}$ " , Barisal 1" and Comilla and Mymensingh $\frac{3}{4}$ " each on the 24th. Night temperatures were markedly to considerably above normal in the province on the 24th, appreciably to markedly so on the 26th and slightly to appreciably so on the 25th and the 27th, in Dacca, Chittagong and Khulna divisions on the 28th and in the last two named divisions on the 28th and the 30th.

WEST PAKISTAN : Dry weather prevailed over the province during the week.

However in the wake of a feeble western disturbance, which moved across the north of the province, a cold wave was ushered into Quetta and Kalat divisions on the 26th and gradually extended east wards.

As a convergence night temperatures were markedly to considerably below normal in Quetta and Kalat divisions on the 26th, in these and in Hyderabad, Khairpur, Multan and Bahawalpur divisions on the 27th and in Quetta, Kalat and Hyderabad divisions on the 28th, and slightly to appreciably so elsewhere in the province during this period and practically in the whole province outside Lahore and Sargodha divisions on the 24th and the 25th. These were appreciably to markedly below normal in the province on the 29th and the 30th.

2. CHITTAGONG DIVISION :	}	Local rain fell on one day.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :	}	Scattered rain fell on one day.
KASHMIR DIVISION :		
LAHORE DIVISION :	}	Data not available.
RAWALPINDI DIVISION :		
SARGODHA DIVISION :		
MULTAN DIVISION :		
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		
D.I. KAHN DIVISION :		
QUETTA DIVISION :		
KALAT DIVISION :		
KARACHI DIVISION :		
HYDERABAD DIVISION :		
KHAIRPUR DIVISION :		
JUNAGADH		Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in East Pakistan. Where as the weather remained dry over West Pakistan.

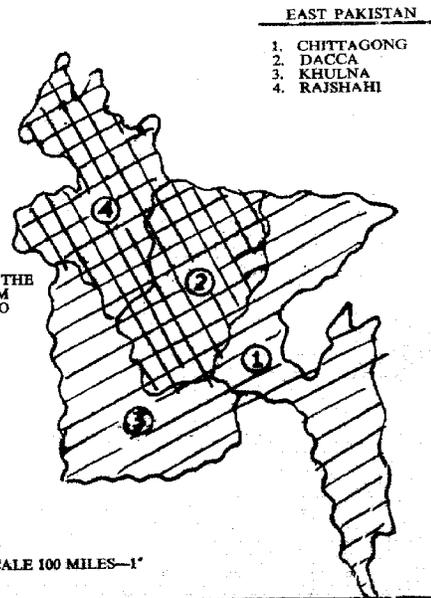
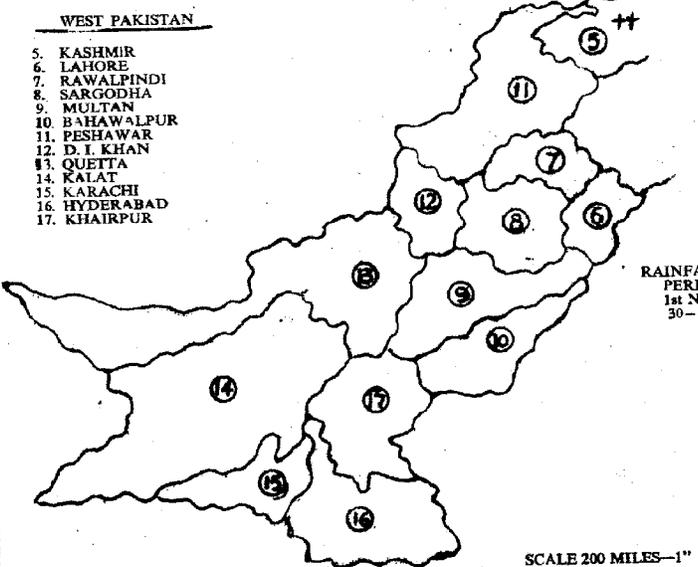
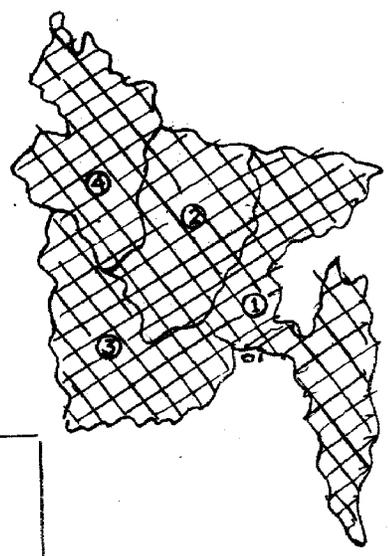
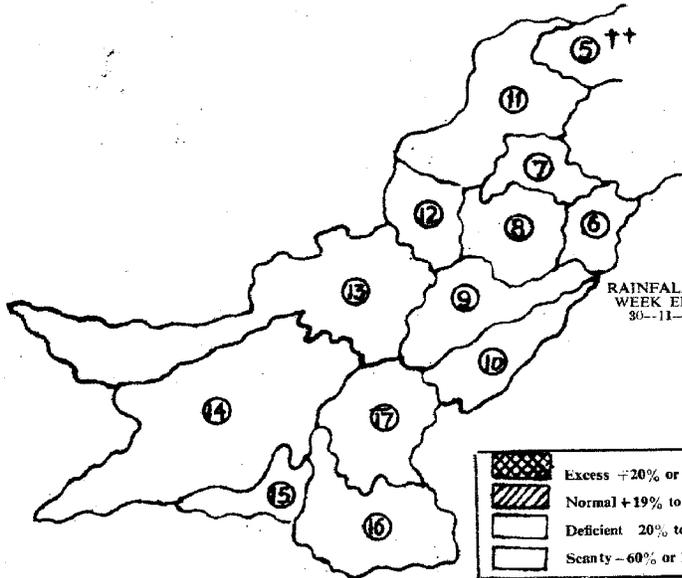
Rainfall for the period from 1st November 1966 to-date was in large excess in Rajshahi division, in slight excess in Dacca division and normal in Chittagong and Khulna divisions. Where as so no rain has fallen so far in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 30th Nov. 1966.			Rainfall for the Period from 1st Nov, 1966 to 30th Nov. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	.06	1.2	+ 0.4	1.7	1.8	0	- 2
2. Dacca	0.4	0.1	+ 0.3	1.2	1.0	+ 0.2	+ 20
3. Khulna	0.3	0	+ 0.3	1.1	1.1	0	- 4
4. Rajshahi	0.1	0	+ 0.1	1.2	0.6	+ 0.6	+ 100
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	0	0.1	- 0.1	- 100
7. Rawalpindi	0	0.1	- 0.1	0	0.5	- 0.5	- 100
8. Sargodha	0	0	0	0	0.1	- 0.1	- 100
9. Multan	0	0.1	- 0.1	0	0.1	- 0.1	- 100
10. Bahawalpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
11. Peshawar	0	0.2	- 0.2	0	0.3	- 0.3	- 100
12. D. I. Khan	0	0.1	- 0.1	0	0.1	- 0.1	- 100
13. Quetta	0	0.1	- 0.1	0	0.2	- 0.2	- 100
14. Kalat	0	0.1	- 0.1	0	0.2	- 0.2	- 100
15. Karachi	0	0	0	0	0	- 0	- 100
16. Hyderabad	0	0	0	0	0.1	- 0.1	- 100
17. Khairpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
18. Junagadh	—	—	—	—	—	—	—

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



SCALE 200 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 7th December, 1966.

—o:0:0—

SUMMARY OF WEATHER

EAST PAKISTAN : A westerly low pressure wave appeared over Bihar and adjoining areas on the 1st and moved away across the northern parts of the province by the 3rd. It caused scattered to local rain in Chittagong and Khulna divisions on the 2nd and only in the first named division on the 3rd and a few falls of light rain or drizzle, elsewhere in East Pakistan between the 2nd and the 3rd. Comilla recorded 1" of rain on the 2nd.

Night temperatures were appreciably to markedly above normal in the province on the 2nd, 3rd and the 4th and slightly to appreciably so during the rest of the week.

WEST PAKISTAN :- Dry weather continued to prevail over the province during the week.

Night temperatures were markedly to considerably below normal in Quetta, Kalat and Khairpur divisions on the 1st and practically in the whole province between the 2nd and the 3rd, appreciably to markedly so in the province on the 4th and slightly to appreciably so in the province during the last three days of the week.

2. CHITTAGONG DIVISION :	Local and scattered rainfall on one day each.
DACCA DIVISION :	Weather remained mainly dry.
KHULNA DIVISION :	Scattered rain fell on one day
RAJSHAHI DIVISION :	Weather remained mainly dry
KASHMIR :	Data not available.
LAHORE DIVISION :	} Weather remained dry during the week.
RAWALPINDI DIVISION :	
SARGODHA DIVISION :	
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	
D. I. KHAN DIVISION :	
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	} Data not available.
KHAIRPUR DIVISION :	
JUNAGADH	

3. Based on the data of stations having normals the week's rainfall was in excess in Chittagong and Dacca divisions, normal in Khulna and Rajshahi divisions, where as no rain fell in West Pakistan.

Rainfall for the period from 1st November 1966, to-date was in large excess in Rajshahi division, excess in Dacca division and normal in Chittagong and Khulna divisions. No rain fell in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November 1965, to-date.

Karachi—11

The 7h December, 1966

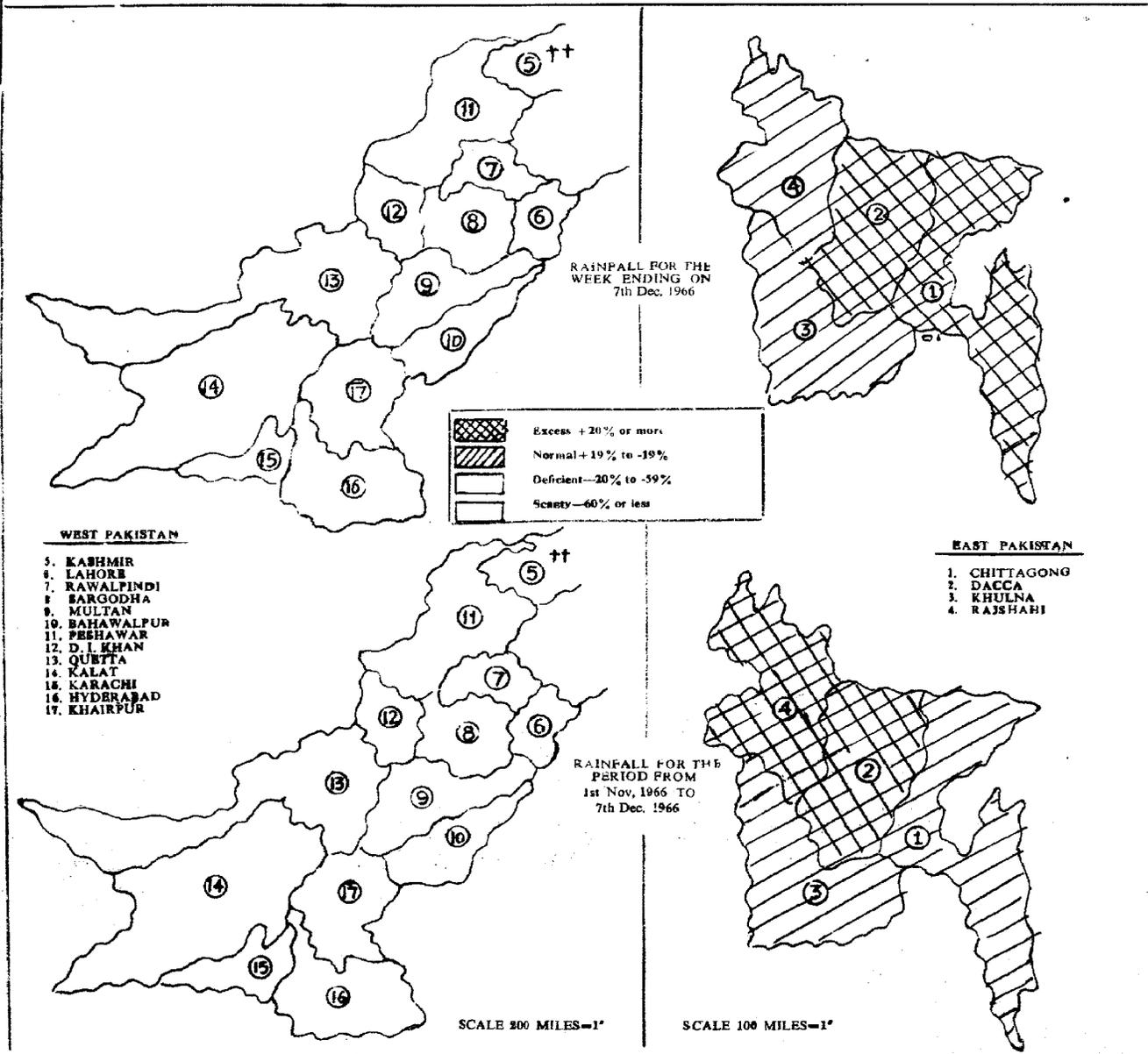
ZARIF AHMED

for Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 7th Dec. 1966.			Rainfall for the Period from 1st Nov, 1966 to 7th Dec. 1966.			
	Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0.2	0.2	- 0.1	2.0	1.9	0	+ 2
2. Dacca	0.1	0.1	0	1.3	1.0	+ 0.2	+ 21
3. Khulna	0.1	0.1	0	1.2	1.2	0	- 3
4. Rajshahi	0	0	0	1.2	0.6	+ 0.6	+ 95
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	0	0.2	- 0.2	- 100
7. Rawalpindi	0	0.2	- 0.2	0	0.7	- 0.7	- 100
8. Sargodha	0	0	0	0	0.1	- 0.1	- 100
9. Multan	0	0	0	0	0.1	- 0.1	- 100
10. Bahawalpur	0	0	0	0	0.1	- 0.1	- 100
11. Peshawar	0	0.2	- 0.2	0	0.5	- 0.5	- 100
12. D. I. Khan	0	0	- 0	0	0.1	- 0.1	- 100
13. Quetta	0	0.2	- 0.2	0	0.4	- 0.4	- 100
14. Kalat	0	0.1	- 0.1	0	0.3	- 0.3	- 100
15. Karachi	0	0	0	0	0.1	- 0.1	- 100
16. Hyderabad	0	0	0	0	0.1	- 0.1	- 100
17. Khairpur	0	0	0	0	0.1	- 0.1	- 100
18. 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 14th December, 1966.

—:O:O:—

SUMMARY OF WEATHER

EAST PAKISTAN :- An easterly low pressure area on entering into the southeast Bay of Bengal concentrated into a depression, centred at 08,0300 GMT near Latitude 9°N and longitude 88°E. It moved north west wards and further concentrated into a cyclonic storm centred at 09,0300 G.M.T. near latitude 11°N and longitude 85°E. It initially moved north wards and then recurved towards north-east, strach East Pakistan coast near Cox's Bazar on the night of 12th, weakened and subsequently moved away into Burma.

Under its influence fairly widespread rainfall in Chittagong, Khulna and Dacca divisions between the 12th and the 13th and scattered in Chittagong division on the 11th and in Rajshahi division on the 12th and the 13th.

Significant amounts of rainfall recorded were :- Cox's Bazar, Comilla, Barisal and Khulna 1½" each on the 12th and Chittagong 4", Maijdee Court 3" and Comilla 2" on the 13th.

Night temperatures were slightly to appreciably above normal in Chittagong and Khulna divisions on the 9th and the 13th and in the whole province during the rest of the week.

WEST PAKISTAN :- Weather remained dry over the province during the week.

Night temperatures were appreciably to markedly below normal in the province on the 8th and the 9th and slightly to appreciably so on the 10th and the 11th and in the northern and central divisions on the 12th and the 14th. These were other wise slightly to appreciably above normal in Peshawar, Rawalpindi, Lahore, Quetta, Kalat and Khairpur divisions on the 13th.

2. CHITTAGONG DIVISION :	Scattered, fairly wide and widespread rainfall on one day each.
Dacca DIVISION :	Fairly widespread and widespread rain fell on one day each.
KHULNA DIVISION :	Widespread and scattered rain fell on one day each
RAJSHAHI DIVISION :	Local and scattered rainfall on one day each.
KASHMIR :	Data not available.
LAHORE DIVISION :	} Weather remained dry during the week.
RAWALPINDI DIVISION :	
SARGODHA DIVISION :	
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	
D. I. KHAN DIVISION :	
QUETTA DIVISION :	
KALAT DIVISION :	
KARACHI DIVISION :	
HYDERABAD DIVISION :	} Data not available.
KHAIRPUR DIVISION :	
JUNAGADH	Data not available.

3. Based on the data of stations having normals, the week's rainfall was in large excess in East Pakistan, whereas no rainfall in West Pakistan.

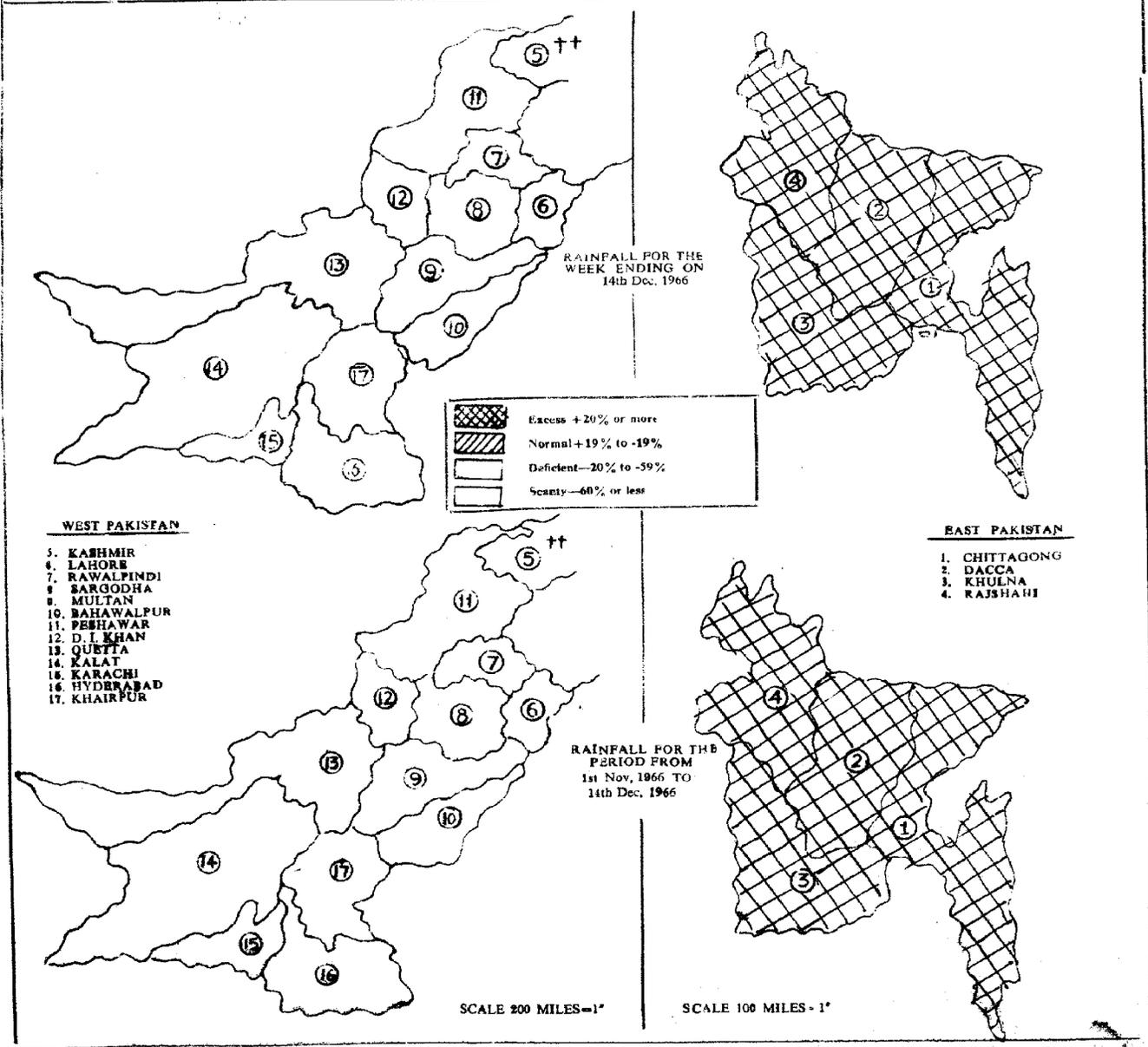
Rainfall for the period from 1st November, 1966 to-date was in large excess in East Pakistan. No rain has so far fallen in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November, 1966 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 14th Dec. 1966.			Rainfall for the Period from 1st Nov. 1966 to 14th Dec. 1966.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	2.7	0.2	+ 2.5	4.7	2.1	+ 2.5	+ 118
2. Dacca	0.8	0.1	+ 0.6	1.9	1.1	+ 0.8	+ 72
3. Khulna	1.5	0.1	+ 1.5	2.7	1.2	+ 1.5	+ 119
4. Rajshahi	0.5	0	+ 0.5	1.7	0.6	+ 1.1	+ 167
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	0	0.3	- 0.3	- 100
7. Rawalpindi	0	0.3	- 0.3	0	1.0	- 1.0	- 100
8. Sargodha	0	0.1	- 0.1	0	0.2	- 0.2	- 100
9. Multan	0	0.1	- 0.1	0	0.1	- 0.1	- 100
10. Bahawalpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
11. Peshawar	0	0.2	- 0.2	0	0.7	- 0.7	- 100
12. D. I. Khan	0	0.1	- 0.1	0	0.3	- 0.3	- 100
13. Quetta	0	0.2	- 0.2	0	0.5	- 0.5	- 100
14. Kalat	0	0.3	- 0.3	0	0.6	- 0.6	- 100
15. Karachi	0	0.1	- 0.1	0	0.1	- 0.1	- 100
16. Hyderabad	0	0	0	0	0.1	- 0.1	- 100
17. Khairpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
18. Junagadh	—	—	—	—	—	—	—

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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 21st December, 1966

—oio:—

SUMMARY OF WEATHER

EAST PAKISTAN :- Weather remained dry over the province during the week.

Night temperatures were slightly to appreciably above normal in the province between the 15th and the 17th, in the province outside Khulna division on the 19th in Chittagong & Dacca divisions on the 18th and the 20th respectively. These were below normal to the same extent in Khulna division on the 21st.

WEST PAKISTAN :- Dry weather continued to prevail over the province during the week.

Night temperatures were slightly to appreciably below normal in Bahawalpur, Multan and Lahore divisions on the 15th, in the first two named divisions and the Sargodha, Quetta, Kalat and Hyderabad divisions between the 16th and the 18th, practically in the whole province on the 19th and the 20th and in Rawalpindi, Multan, Bahawalpur, Hyderabad & Khairpur divisions on the 21st. These were to the same extent above normal in Peshawar division on the 17th, 18th, 20th and the 21st.

2. CHITTAGONG DIVISION :

DACCA DIVISION :

KHULNA DIVISION :

RAJSHAHI DIVISION :

KASHMIR DIVISION :

LAHORE DIVISION :

RAWALPINDI DIVISION :

SARGODHA DIVISION :

MULTAN DIVISION :

BAHAWALPUR DIVISION :

PESHAWAR DIVISION :

D. I. KAHN DIVISION :

QUETTA DIVISION :

KALAT DIVISION :

KARACHI DIVISION :

HYDRABAD DIVISION :

KHAIRPUR DIVISION :

JUNAGADH

Weather remained dry during the week.

Data not available.

Weather remained dry during the week.

Data not available.

3. Based on the data of stations having normals, no rain fell over the country.

4. Rainfall for the period from 1st November, 1966 to-date was in large excess in East Pakistan, whereas no rain fell in West Pakistan.

The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November, 1966 to-date.

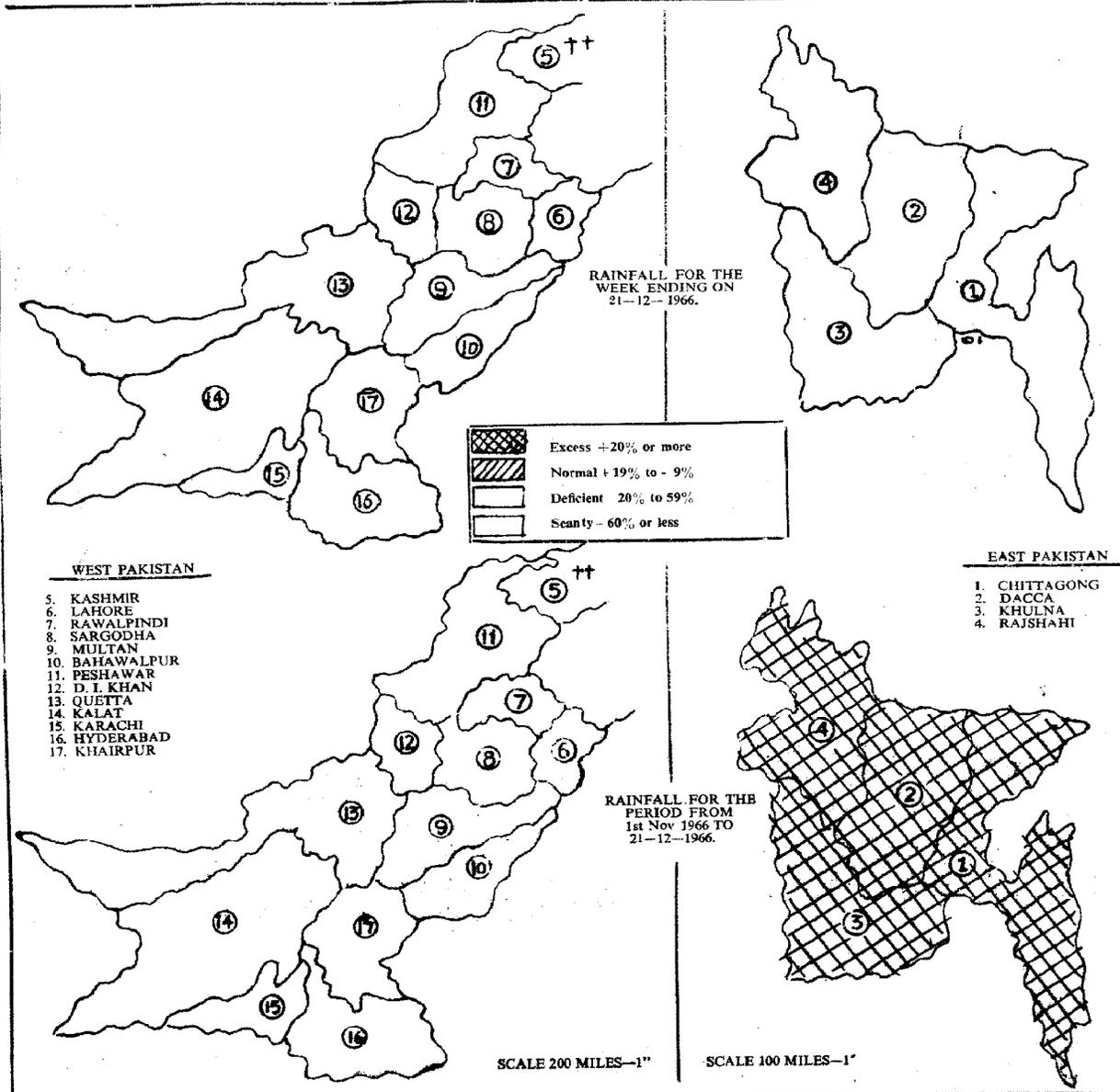
Karachi—11
The 21st December, 1966.

ZARIF AHMED
for Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 21st Dec. 1966.			Rainfall for the Period from 1st Nov, 1966 to 21st Dec. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0	0.1	- 0.1	4.7	2.2	+ 2.5	+ 112
2. Dacca	0	0	0	1.9	1.1	+ 0.8	+ 68
3. Khulna	0	0	0	2.7	1.3	+ 1.4	+ 112
4. Rajshahi	0	0	0	1.7	0.7	+ 1.1	+ 159
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.2	- 0.2	0	0.5	- 0.5	- 100
7. Rawalpindi	0	0.4	- 0.4	0	1.3	- 1.3	- 100
8. Sargodha	0	0.1	- 0.1	0	0.3	- 0.3	- 100
9. Multan	0	0.1	- 0.1	0	0.2	- 0.2	- 100
10. Bahawalpur	0	0.1	- 0.1	0	0.2	- 0.2	- 100
11. Peshawar	0	0.2	- 0.2	0	0.9	- 0.9	- 100
12. D. I. Khan	0	0.1	- 0.1	0	0.4	- 0.4	- 100
13. Quetta	0	0.2	- 0.2	0	0.7	- 0.7	- 100
14. Kalat	0	0.3	- 0.3	0	0.9	- 0.9	- 100
15. Karachi	0	0.1	- 0.1	0	0.2	- 0.2	- 100
16. Hyderabad	0	0.1	- 0.1	0	0.2	- 0.2	- 100
17. Khairpur	0	0.1	- 0.1	0	0.2	- 0.2	- 100
18. 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 28th December, 1966.

—:0:0—

SUMMARY OF WEATHER

EAST PAKISTAN :- Weather continued to be dry over the province.

Night temperatures were slightly to appreciably below normal in Khulna division on the 22nd and the 23rd. These were slightly to appreciably above normal in Chittagong division on the 22nd in Rajshahi division on the 23rd and the 26th and practically over the whole of the province on the last two days of the week.

WEST PAKISTAN :- A western disturbance moved over to Peshawar division and adjoining areas on the 23rd with its trough extending to Khyber division. It moved away northeastwards across Kashmir on the 26th while its associated trough moved over to Lahore division. Under their influence scattered to local rain or thundershowers with snow falls over the hills, occurred in Rawalpindi and Peshawar divisions and light rain or thunderstorms in Lahore division on the 25th and the 26th.

Chief amounts of rainfall recorded were :- Kakul 1" on the 25th and 3/4" on the 26th and Jhelum and Haripur 1/2" each on the 26th. Night temperatures were slightly to appreciably below normal in most of the western divisions on the 24th, in these and in Rawalpindi, Bahawalpur and Hyderabad divisions on the 25th, practically over the whole province on the 26th and the 27th and only in some of the central divisions on the 28th. These were to the same extent above normal mainly in the western divisions on the 22nd and 23rd, and in the northeastern and adjoining central divisions during the next two days.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
Dacca Division :		
Khulna Division :		
Rajshahi Division :	}	Data not available.
Kashmir :		
Lahore Division :		Weather remained mainly dry.
Rawalpindi Division :		Local and scattered rainfall on one day each.
Sargodha Division :	}	Weather remained dry during the week.
Multan Division :		
Bahawalpur Division :		
Peshawar Division :		Scattered rain fell on two days.
D. I. Khan Division :	}	Weather remained dry during the week.
Quetta Division :		
Kalat Division :		
Karachi Division :		
Hyderabad Division :		
Khairpur Division :		Data not available.
Junagadh :		

3. Based on the data of stations having normals, the week's rainfall was in large excess in Rawalpindi division and scanty in Lahore division, whereas no rain fell elsewhere in the country.

Rainfall for the period from 1st November, 1966 to-date was in large excess in East Pakistan, deficient in Rawalpindi division and scanty in Lahore division. No rain has so far fallen elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November, 1966 to-date.

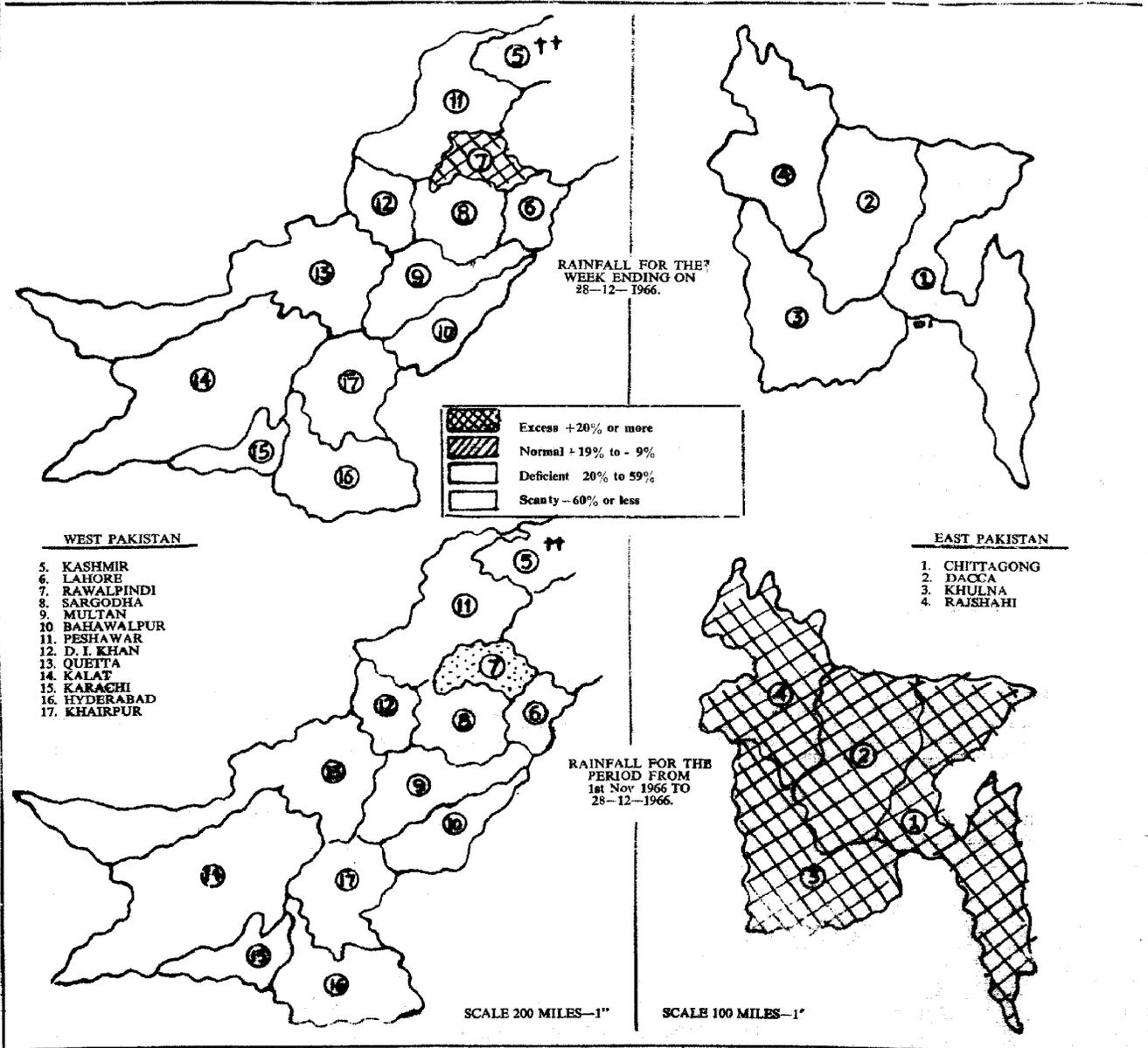
Karachi—1)
The 28th December, 1966.

ZARIF AHMED
for Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 28th Dec: 1966.			Rainfall for the Period from 1st Nov, 1966 to 28th Dec. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0	0	0	4.9	2.2	+ 2.5	+ 110
2. Dacca	0	0	0	1.9	1.1	+ 0.7	+ 66
3. Khulna	0	0	0	2.7	1.3	+ 1.4	+ 108
4. Rajshahi	0	0	0	1.7	0.7	+ 1.0	+ 155
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.1	0.1	— 0.1	1.1	0.6	— 0.6	— 92
7. Rawalpindi	1.1	0.5	— 0.6	1.1	1.9	— 0.7	— 41
8. Sargodha	0	0.1	— 0.1	0	0.4	— 0.4	— 100
9. Multan	0	0.1	— 0.1	0	0.3	— 0.3	— 100
10. Bahawalpur	0	0	0	0	1.3	— 1.3	— 100
11. Peshawar	0	0.3	— 0.3	0	1.3	— 1.3	— 100
12. D. I. Khan	0	0.1	— 0.1	0	0.5	— 0.5	— 100
13. Quetta	0	0.2	— 0.2	0	0.9	— 0.9	— 100
14. Kalat	0	0.1	— 0.1	0	1.0	— 0.1	— 100
15. Karachi	0	0.2	— 0.2	0	0.4	— 0.4	— 100
16. Hyderabad	0	0.3	— 0.3	0	0.5	— 0.5	— 100
17. Khairpur	0	0	0	0	0.2	— 0.2	— 100
18. 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 28th December, 1966.

—:O:O:—

SUMMARY OF WEATHER

EAST PAKISTAN :- Weather continued to be dry over the province.

Night temperatures were slightly to appreciably below normal in Khulna division on the 22nd and the 23rd. These were slightly to appreciably above normal in Chittagong division on the 22nd in Rajshahi division on the 23rd and the 26th and practically over the whole of the province on the last two days of the week.

WEST PAKISTAN :- A western disturbance moved over to Peshawar division and adjoining areas on the 23rd with its trough extending to Khirpur division. It moved away northeastwards across Kashmir on the 26th while its associated trough moved over to Lahore division. Under their influence scattered to local rain or thundershowers with snow falls over the hills, occurred in Rawalpindi and Peshawar divisions and light rain or thunderstorms in Lahore division on the 25th and the 26th.

Chief amounts of rainfall recorded were :- Kakul 1" on the 25th and 3/4" on the 26th and Jhelum and Haripur 1/2" each on the 26th. Night temperatures were slightly to appreciably below normal in most of the western divisions on the 24th, in these and in Rawalpindi, Bahawalpur and Hyderabad divisions on the 25th, practically over the whole province on the 26th and the 27th and only in some of the central divisions on the 28th. These were to the same extent above normal mainly in the western divisions on the 22nd and 23rd, and in the northeastern and adjoining central divisions during the next two days.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :	}	Data not available.
KASHMIR :		
LAHORE DIVISION :		Weather remained mainly dry.
RAWALPINDI DIVISION :		Local and scattered rainfall on one day each.
SARGODHA DIVISION :	}	Weather remained dry during the week.
MULTAN DIVISION :		
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		Scattered rain fell on two days.
D. I. KHAN DIVISION :	}	Weather remained dry during the week.
QUETTA DIVISION :		
KALAT DIVISION :		
KARACHI DIVISION :		
HYDERABAD DIVISION :		
KHAIRPUR DIVISION :	}	Data not available.
JUNAGADH		

3. Based on the data of stations having normals, the week's rainfall was in large excess in Rawalpindi division and scanty in Lahore division, whereas no rain fell elsewhere in the country.

Rainfall for the period from 1st November, 1966 to-date was in large excess in East Pakistan, deficient in Rawalpindi division and scanty in Lahore division. No rain has so far fallen elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for the week and for the period from 1st November, 1966 to-date.

Karachi—1)
The 28th December, 1966

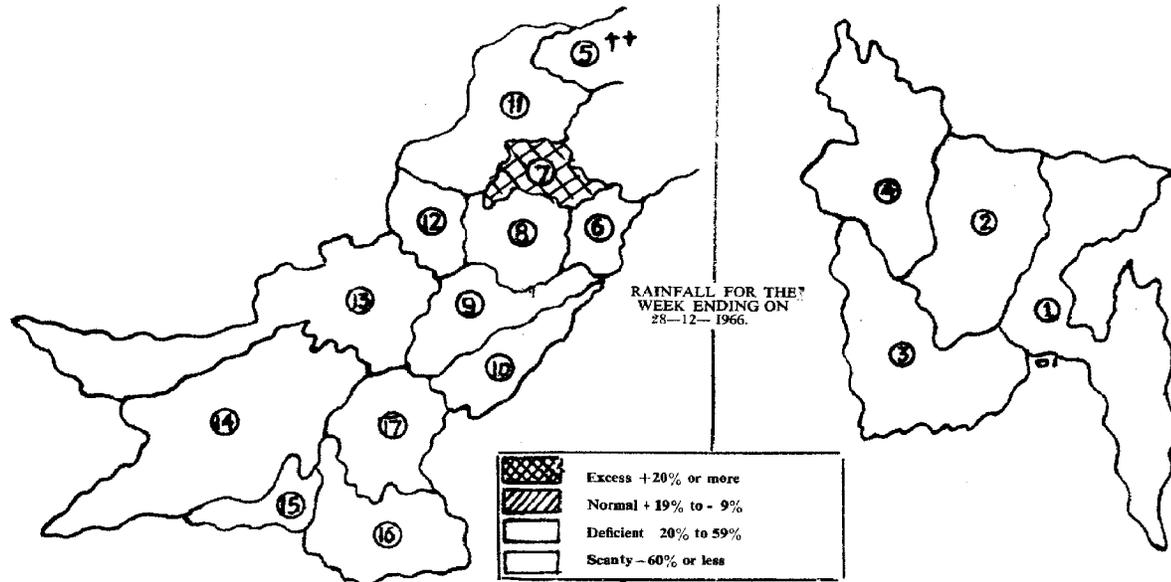
ZARIF AHMED

for Director, Meteorological Service.

WEEKLY WEATHER REPORT

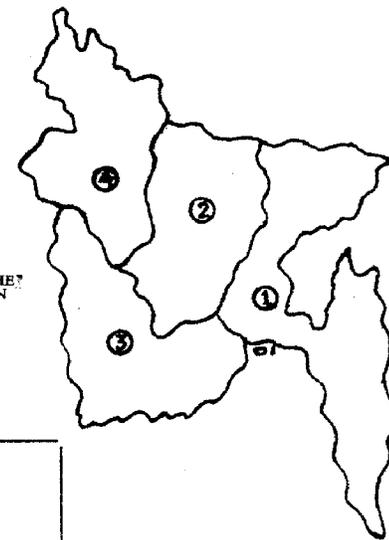
DIVISION	Rainfall for week ending the 28th Dec. 1966.			Rainfall for the Period from 1st Nov, 1966 to 28th Dec. 1966.			
	† Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Percent
1. Chittagong	0	0	0	4.9	2.2	+ 2.5	+ 110
2. Dacca	0	0	0	1.9	1.1	+ 0.7	+ 66
3. Khulna	0	0	0	2.7	1.3	+ 1.4	+ 108
4. Rajshahi	0	0	0	1.7	0.7	+ 1.0	+ 155
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.1	0.1	- 0.1	1.1	0.6	- 0.6	- 92
7. Rawalpindi	1.1	0.5	- 0.6	1.1	1.9	- 0.7	- 41
8. Sargodha	0	0.1	- 0.1	0	0.4	- 0.4	- 100
9. Multan	0	0.1	- 0.1	0	0.3	- 0.3	- 100
10. Bahawalpur	0	0	0	0	1.3	- 1.3	- 100
11. Peshawar	0	0.3	- 0.3	0	1.3	- 1.3	- 100
12. D. I. Khan	0	0.1	- 0.1	0	0.5	- 0.5	- 100
13. Quetta	0	0.2	- 0.2	0	0.9	- 0.9	- 100
14. Kalat	0	0.1	- 0.1	0	1.0	- 1.0	- 100
15. Karachi	0	0.2	- 0.2	0	0.4	- 0.4	- 100
16. Hyderabad	0	0.3	- 0.3	0	0.5	- 0.5	- 100
17. Khairpur	0	0	0	0	0.2	- 0.2	- 100
18. 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.



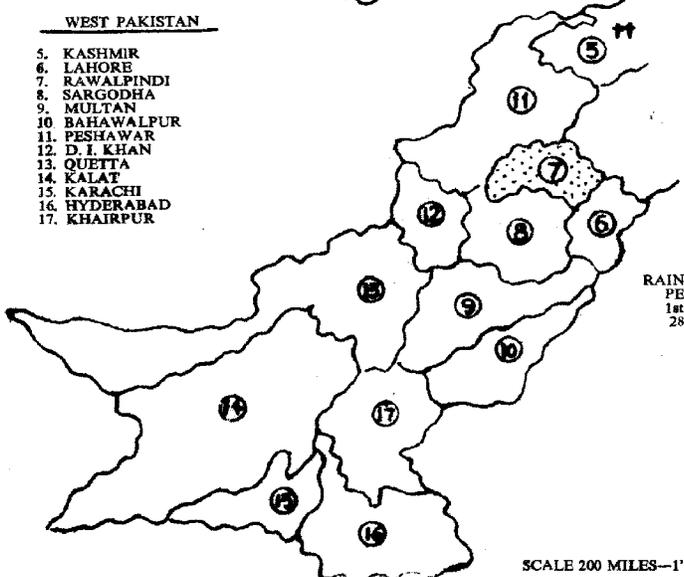
WEST PAKISTAN

- 5. KASHMIR
- 6. LAHORE
- 7. RAWALPINDI
- 8. SARGODHA
- 9. MULTAN
- 10. BAHAWALPUR
- 11. PESHAWAR
- 12. D. I. KHAN
- 13. QUETTA
- 14. KALAT
- 15. KARACHI
- 16. HYDERABAD
- 17. KHAIRPUR



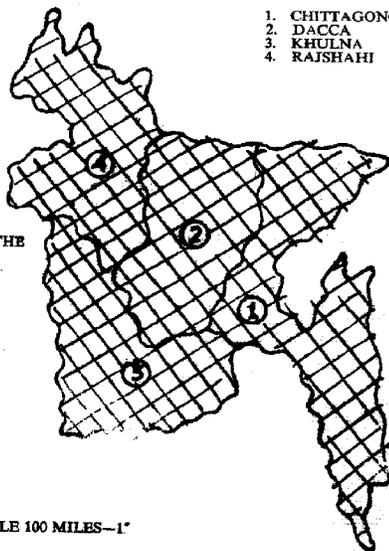
EAST PAKISTAN

- 1. CHITTAGONG
- 2. Dacca
- 3. KHULNA
- 4. RAJSHAH



RAINFALL FOR THE PERIOD FROM 1st Nov 1966 TO 28-12-1966.

SCALE 200 MILES-1"



SCALE 100 MILES-1"