

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 6th January, 1965.

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SUMMARY OF WEATHER

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EAST PAKISTAN: Light rain or drizzle fell at a few places in Chittagong and Dacca divisions on the last day of the week due to the passage of a feeble western disturbance across the northern areas of the province. Weather remained dry elsewhere in the province during the week.

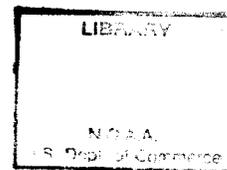
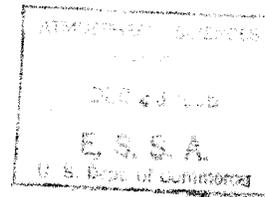
Night temperatures were appreciably above normal in the province during the last two days of the week and slightly so in Khulna division on the 4th.

WEST PAKISTAN: A western disturbance moved across the northern areas of the province during the middle of the week while its associated secondary circulation affected the central and southern areas. The system caused fairly widespread rain or thundershowers in Bahawalpur division on the 2nd and scattered rain or snow in Rawalpindi division on the 5th. A few falls of light rain or drizzle were also reported from Lahore and Sargodha divisions on the 3rd, from Rawalpindi division between the 2nd and the 4th with isolated snowfalls in the hills only on the 2nd and from Peshawar division on the 1st, 3rd and the 4th. Another western disturbance that started affecting the western parts of the province on the last day of the week, caused scattered rain in Kalat division and a few falls of light rain or drizzle in D.I. Khan, Karachi and Khairpur divisions the same day.

Chief amounts of rain fall recorded during the week were 1/2" at Khanpur on the 2nd and at Kalat on the 6th.

Night temperatures were appreciably to markedly below normal in Quetta and Kalat divisions on the 31st, slightly to appreciably so in Peshawar, D.I. Khan and Quetta divisions between the 3rd and the 5th and in Sargodha and Kalat divisions on the 6th. These were slightly to appreciably above normal in Lahore, Multan, Bahawalpur and Khairpur divisions on most of the days and also in Rawalpindi division on the 3rd and on the 4th.

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



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

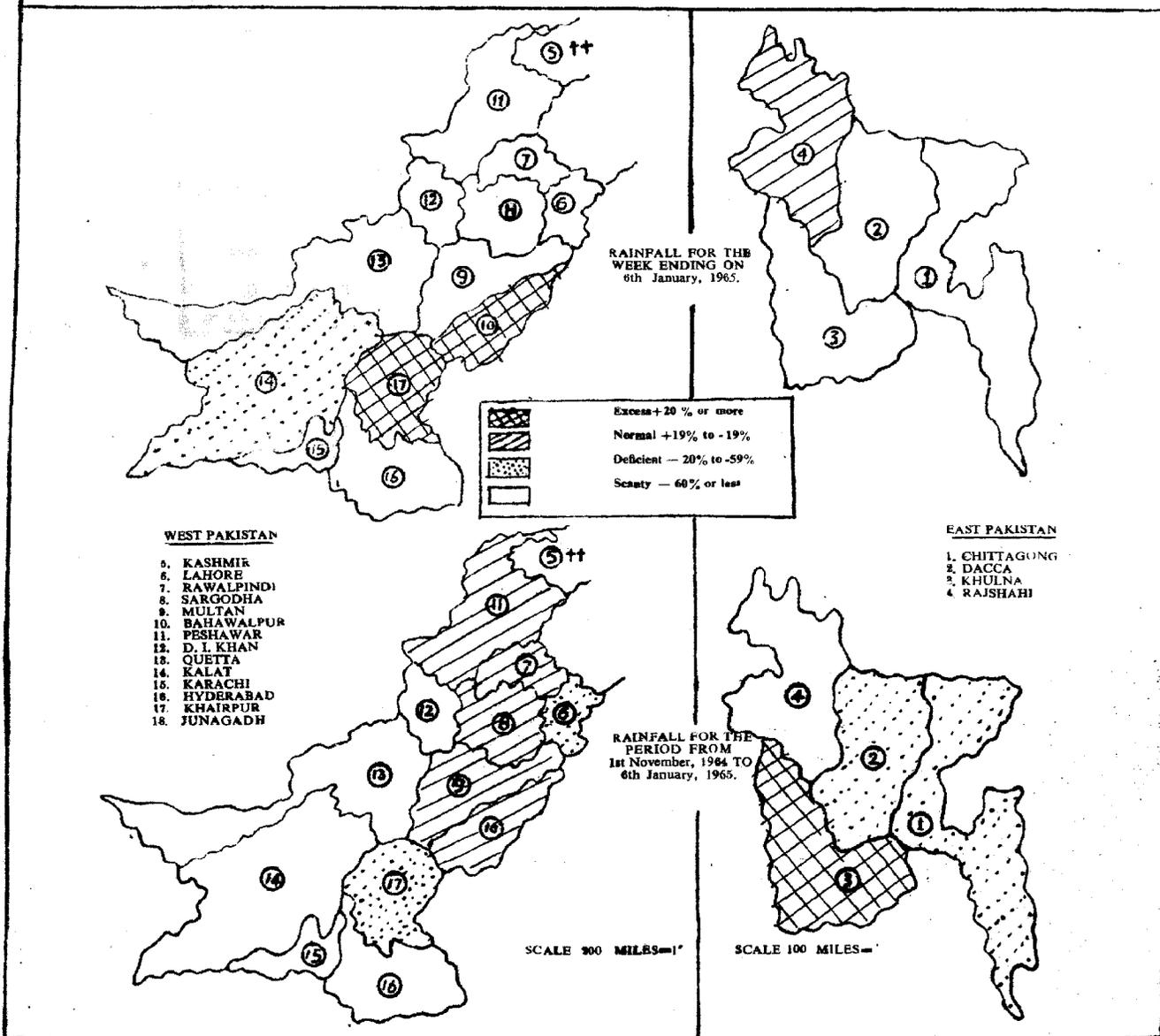
Rainfall for the period from 1st November 1964 to-date was in excess in Khulna division normal in Rawalpindi, Sargodha, Multan, Bahawalpur and Peshawar divisions; deficient in Chittagong, Dacca, Lahore and Khairpur divisions and scanty elsewhere in the country.

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 1964 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending on on 6th January, 1965.			Rainfall for Period from 1st November, 1964 to 6th January, 1965.			
	↑ Actual	Normal	*Excess or defect	↑ Actual	Normal	*Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.1	- 0.1	1.8	2.3	- 0.5	- 21
2. Dacca	0	0	0	0.8	1.1	- 0.3	- 29
3. Khulna	0	0.1	- 0.1	1.6	1.3	+ 0.3	+ 21
4. Rajshahi	0	0	0	0	0.7	- 0.7	- 100
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.2	- 0.2	0.7	0.9	- 0.3	- 27
7. Rawalpindi	0.1	0.4	- 0.3	2.8	2.9	- 0.1	- 4
8. Sargodha	0	0.1	- 0.1	0.5	0.5	0	- 2
9. Multan	0	0.1	- 0.1	0.4	0.2	0	+ 9
10. Bahawalpur	0.3	0	+ 0.3	0.3	0.3	0	+ 9
11. Peshawar	0	0.3	- 0.3	1.6	1.7	- 0.1	- 6
12. D. I. Khan	0	0.1	- 0.1	0	0.7	- 0.7	- 97
13. Quetta	0	0.2	- 0.2	0.1	1.2	- 1.1	- 94
14. Kalat	0.1	0.2	- 0.1	0.1	1.5	- 1.2	- 90
15. Karachi	0	0.2	- 0.2	0	0.7	- 0.7	- 100
16. Hyderabad	0	0	0	0	0.3	- 0.3	- 93
17. Khairpur	0.1	0	+ 0.1	0.1	0.2	- 0.1	- 58
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 January, 1965.

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SUMMARY OF WEATHER

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

Night temperatures were generally slightly to appreciably above normal in the province during the last six days of the week.

WEST PAKISTAN : Last week's western disturbance over Quetta and Kalat divisions moved away across Multan and Sargodha divisions on the first day of the week. It caused local rainfall in Kalat division, scattered rain with snowfalls over the hills in Quetta division and a few thunderstorms in Multan and Lahore divisions on the 14th. Another western disturbance moved across the extreme northern parts of West Pakistan while its secondary moved across the southern and central divisions of the province during the last six days of the week. In its association widespread rain or thundershowers occurred in Lahore, Rawalpindi and Sargodha divisions between the 19th and the 20th and in Peshawar division on the 19th and scattered to local in Peshawar division from the 16th to 18th and again on the 20th, in Multan, D. I. Khan and Quetta divisions on the 19th and in D. I. Khan divisions on the 16th. A few falls of light rain or drizzle were also reported from Quetta and Kalat divisions on the 15th and 16th and snow falls from the hills of Quetta division on the 19th and from Rawalpindi division on the last two days of the week.

Chief amounts of rainfall recorded were :—Parachinar 1" and 3" on the 16th and 17th respectively; Hindubagh 1½" and Chaman 1" on the 18th; Sialkot 1½" on the 19th and Sialkot 2" and Cherat 1½" on 20th.

Night temperatures were markedly to considerably above normal in Quetta, Khairpur Bahawalpur and Multan divisions on the 14th and generally in most of the divisions during the next five days and slightly to appreciably so on the province on the last day of the week.

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

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

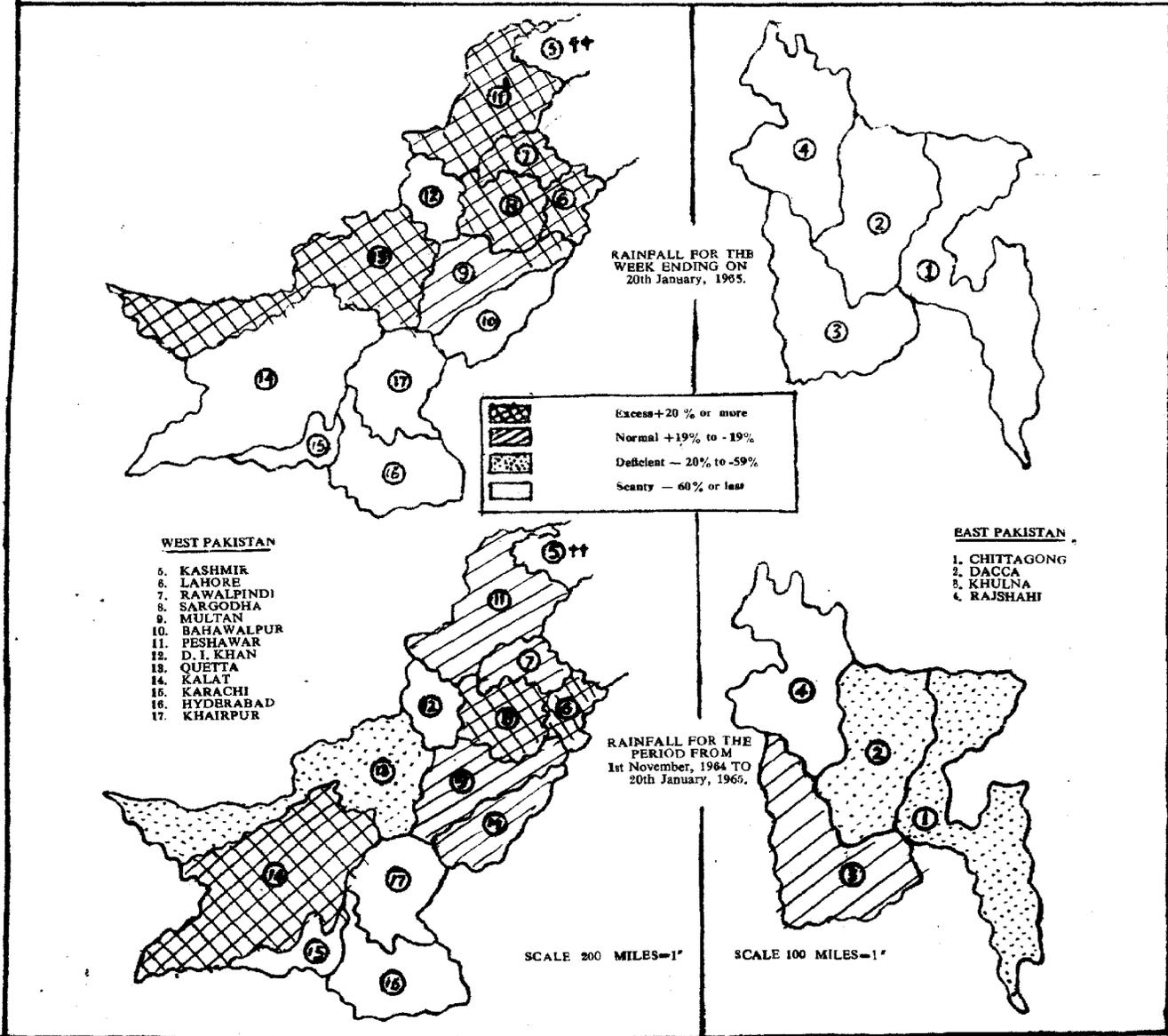
Rainfall for the period from 1st November 1964 to-date was in large excess in Lahore division; excess in Sargodha and Kalat divisions; normal in Khulna, Rawalpindi, Multan, Bahawalpur and Peshawar divisions; deficient in Chittagong, Dacca and Quetta divisions and scanty in D. I. Khan, Karachi, Hyderabad and Khairpur divisions. No rain fell in Rajshahi division.

4. Table overleaf summarises the rain fall statistics for the eighteen divisions of Pakistan both, for the week and for the period from 1st November 1964 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending on 20th January, 1965.			Rainfall for the Period from 1st November, 1964 to 20th January, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0	0	1.8	2.3	- 0.5	- 23
2. Dacca	0	0	0	0.8	1.2	- 0.4	- 32
3. Khulna	0	0	0	1.6	1.4	+ 0.2	+ 12
4. Rajshahi	0	0.1	- 0.1	0	0.8	- 0.8	- 100
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	2.2	0.4	+ 1.8	2.8	1.6	+ 1.2	+ 78
7. Rawalpindi	1.5	0.7	+ 0.8	4.2	4.2	0	normal
8. Sargodha	0.7	0.2	+ 0.5	1.1	0.7	+ 0.4	+ 55
9. Multan	0.1	0.1	0	0.5	+ 0.5	0.6	- 11
10. Bahawalpur	0	0.1	- 0.1	0.3	0.3	0	+ 10
11. Peshawar	1.2	0.4	+ 0.8	2.8	2.4	+ 0.3	+ 15
12. D. I. Khan	0.1	0.2	- 0.1	0.1	1.0	- 0.9	- 89
13. Quetta	0.4	0.3	+ 0.1	1.1	1.8	- 0.7	- 40
14. Kalat	0.1	0.4	- 2.3	2.8	2.0	+ 0.8	+ 41
15. Karachi	0	0.3	- 0.3	0.4	1.1	- 0.7	- 61
16. Hyderabad	0	0	0	0.1	0.3	- 0.3	- 84
17. Khairpur	0	0.1	- 0.1	0.1	0.3	- 0.2	- 70
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 January, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Weather continued to be dry over East Pakistan during the week.

Night temperatures were slightly appreciably above normal in the province during the first four days of the week.

WEST PAKISTAN: A few western disturbances moved across the northern and the central parts of West Pakistan during the first half of the week. The system caused local to fairly widespread rain or thundershowers in Rawalpindi, Peshawar, D.I. Khan and Quetta divisions on the 22nd and scattered in Kalat division the same day and in Peshawar division also on the 21st and the 24th. A few falls of light rain or drizzle were reported from D.I. Khan, Quetta and Kalat divisions on the 21st; from Sargodha, Multan and Bahawalpur divisions on the 22nd; from Lahore, Peshawar and Quetta divisions on the 23rd and scattered thunderstorms from Bahawalpur division only on the 23rd. Another western disturbance started affecting the western parts of West Pakistan towards the end of the week. Under its influence light rain or drizzle fell at a few places in Quetta division on the 26th and in Peshawar and Quetta divisions on the last day of the week.

Parachinar recorded 1" and Quetta 3/4" of rain on the 22nd.

Night temperatures were markedly to considerably above normal in Quetta and Kalat divisions on the 21st. These were otherwise appreciably to markedly above normal in West Pakistan on the 21st and the 22nd and slightly to appreciably so in most of the province during the rest of the week.

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

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

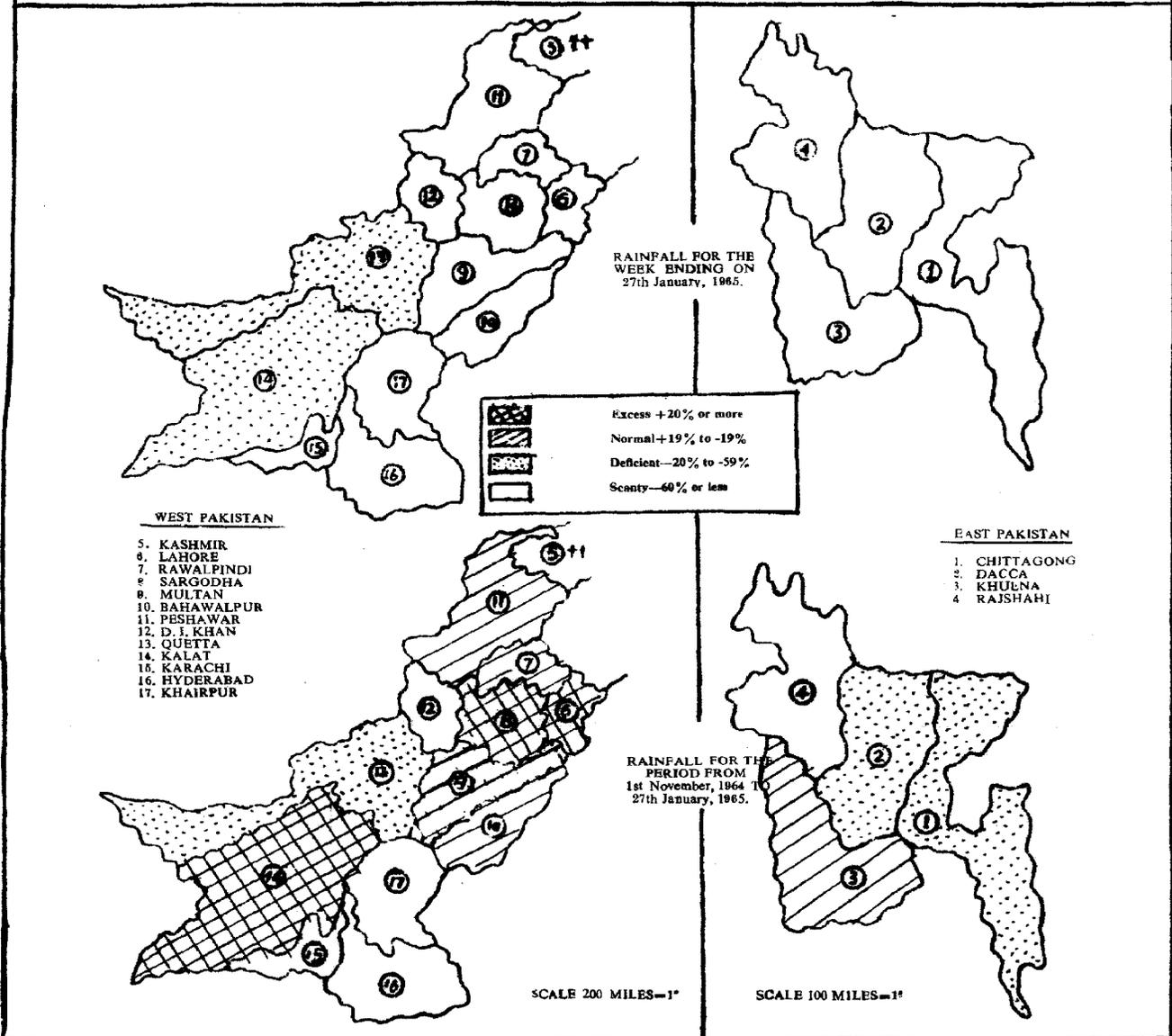
Rainfall for the period from 1st November 1964 to-date was in excess in Lahore, Sargodha and Kalat divisions; normal in Khulna, Rawalpindi, Multan, Bahawalpur and Peshawar divisions; deficient in Chittagong, Dacca and Quetta divisions and scanty elsewhere in the country.

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 1964 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending on 27th January, 1965.			Rainfall for the Period from 1st November, 1964 to 27th January, 1965.			
	†Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.1	- 0.1	1.8	2.4	- 0.6	- 26
2. Dacca	0	0.2	- 0.2	0.8	1.3	- 0.5	- 40
3. Khulna	0	0.2	- 0.2	1.6	1.6	- 0	- 2
4. Rajshahi	0	0.1	- 0.1	0	0.9	- 0.9	- 100
5. Kashmir††	-	=	=	-	-	-	-
6. Lahore	0	0.5	- 0.5	2.8	2.1	+ 0.7	+ 36
7. Rawalpindi	0.1	0.9	- 0.8	4.3	5.1	- 0.8	- 16
8. Sargodha	0	0.2	- 0.2	1.1	0.9	+ 0.2	+ 22
9. Multan	0	0.1	- 0.1	0.5	0.7	- 0.2	- 12
10. Bahawalpur	0	0.1	- 0.1	0.3	0.4	- 0.1	- 17
11. Peshawar	0.3	0.6	- 0.4	3.0	3.0	0	- 1
12. D. I. Khan	0	0.1	- 0.1	0.1	1.1	- 1.0	- 88
13. Quetta	0.2	0.3	- 0.1	1.3	2.1	- 0.8	- 38
14. Kalat	0.3	0.4	- 0.1	3.1	2.4	+ 0.7	+ 35
15. Karachi	0	0.2	- 0.2	0.4	1.3	- 1.9	- 67
16. Hyderabad	0	0.1	- 0.1	0.1	0.4	- 0.3	- 87
17. Khairpur	0	0.1	- 0.1	0.1	0.4	- 0.3	- 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 3rd February, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: weather remained dry over East Pakistan during the week.
Night temperatures were slightly to appreciably above normal in Chittagong division on the 28th, in Khulna and Rajshahi divisions on the 30th and in Dacca and Khulna divisions on the 1st.

WEST PAKISTAN: A feeble western disturbance which moved slowly from west Afghanistan to Kashmir during the first four days of the week caused scattered rain or thundershowers in Peshawar division between the 28th and the 30th and in Rawalpindi and D.I. Khan divisions only on the 30th and light rain or drizzle in Quetta division on the first two days.

There after another western disturbance started affecting the province from the 1st and lay over D. I. Khan and Peshawar divisions on the last day of the week. Under its influence scattered to local rain or drizzle fell in Peshawar, D. I. Khan and Quetta divisions between the 1st and the 3rd.

Night temperatures were markedly to considerably above normal in Quetta division practically throughout the week, in Multan and Peshawar divisions on the 29th and in Kalat and Khairpur divisions on the 1st and slightly to appreciably so otherwise over most of the province during the week.

2 CHITTAGONG DIVISION :	}	Weather remained dry.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :		
KASHMIR :		Data not available.
LAHORE DIVISION :		Weather remained dry.
RAWALPINDI DIVISION :		Scattered rain fell on one day.
SARGODHA DIVISION :	}	Weather remained dry during the week.
MULTAN DIVISION :		
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		Local rain fell on one day and scattered on four days.
D. I. KHAN DIVISION :		Scattered rain fell on two days.
QUETTA DIVISION :		Scattered rain fell on one day.
KALAT DIVISION :		Weather remained mainly dry.
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 scanty in Rawalpindi, Peshawar, D. I. Khan and Quetta divisions whereas no rain fell elsewhere over the country.

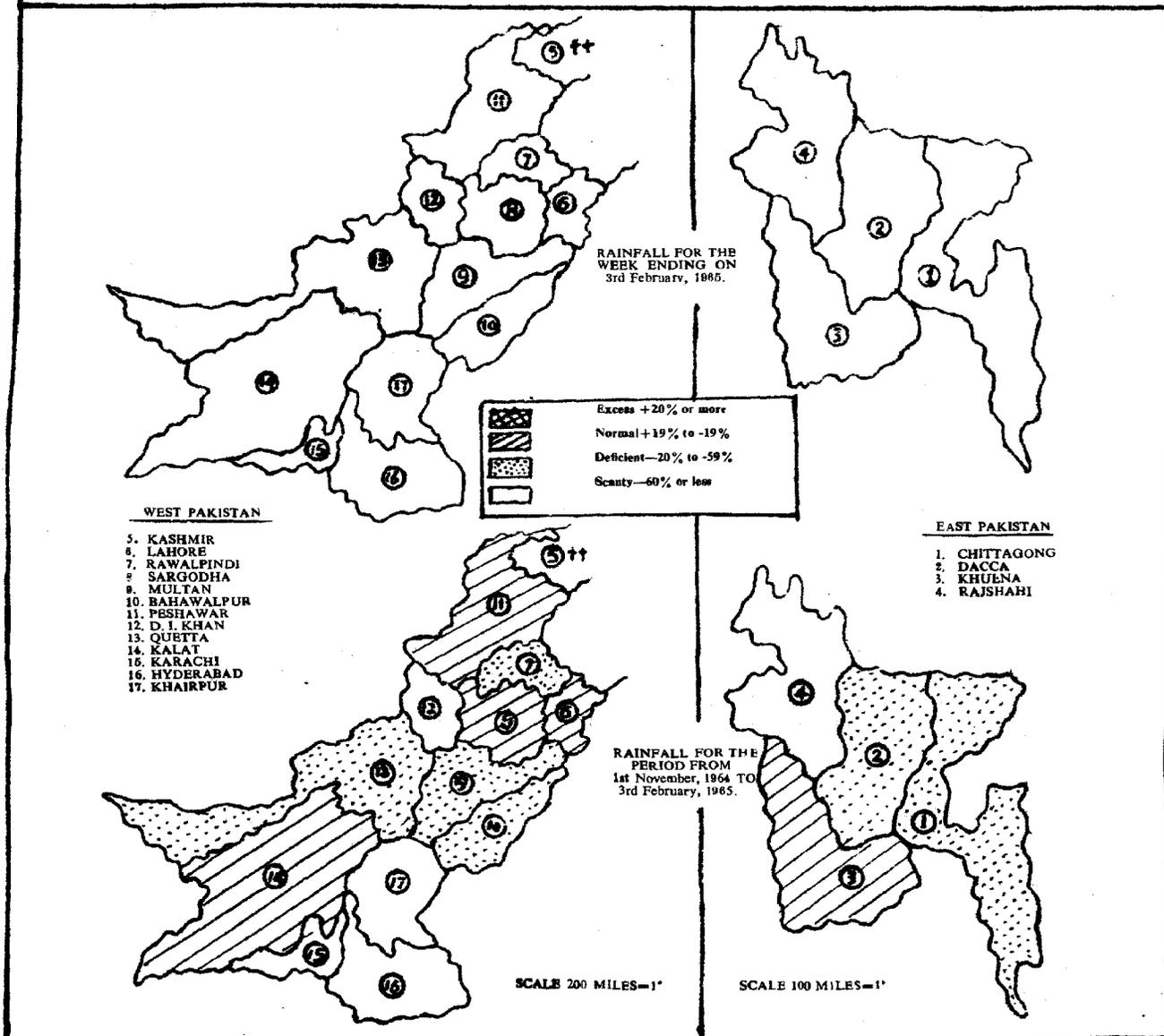
Rainfall for the period from 1st November 1964 to-date was normal in Khulna, Lahore, Sargodha, Peshawar and Kalat divisions, deficient in Chittagong, Dacca, Rawalpindi, Multan, Bahawalpur and Quetta divisions and scanty elsewhere over the country.

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 1964 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending on 3rd February, 1965.			Rainfall for the Period from 1st November, 1964 to 3rd February, 1965.			
	†Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	0	0.1	— 0.1	1.8	2.6	— 0.8	— 30
2. Dacca	0	0.2	— 0.2	0.8	1.5	— 0.7	— 47
3. Khulna	0	0.1	— 0.1	1.6	1.8	— 0.2	— 10
4. Rajshahi	0	0.2	— 0.2	0	1.1	— 1.1	— 100
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	— 0.3	2.8	2.4	+ 0.4	+ 17
7. Rawalpindi	0.3	0.9	— 0.7	4.6	6.1	— 1.5	— 24
8. Sargodha	0	0.1	— 0.1	1.1	1.1	+ 0.1	+ 7
9. Multan	0	0.1	— 0.1	0.5	0.8	— 0.3	— 40
10. Bahawalpur	0	0.1	— 0.1	0.3	0.5	— 0.1	— 30
11. Peshawar	0.1	0.6	— 0.6	3.1	3.7	— 0.6	— 17
12. D. I. Khan	0	0.3	— 0.3	0.1	1.4	— 1.3	— 90
13. Quetta	0	0.4	— 0.3	1.3	2.5	— 1.1	— 48
14. Kalat	0	0.6	— 0.6	3.0	2.9	+ 0.1	+ 3
15. Karachi	0	0.5	— 0.5	0.4	1.8	— 1.4	— 78
16. Hyderabad	0	0.1	— 0.1	0.1	0.5	— 0.4	— 90
17. Khairpur	0	0.1	— 0.1	0.1	0.5	— 0.4	— 83
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 10th February, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: A western disturbance moved across northern areas of the province during the middle of the week. Under its influence a well marked trough of low pressure lay over Orissa and neighbourhood between the 7th and the 9th. The system caused local to fairly widespread rain or thundershowers in Chittagong division between the 7th and the 9th, in Dacca and Khulna divisions on the 7th and the 9th and in Rajshahi division on the 6th. Scattered rain or thundershowers otherwise occurred in Dacca division on the 6th and the 8th and in Rajshahi division on the 7th. Scattered light rain was also reported from Chittagong division on the 4th and a few falls of light rain drizzle from Rajshahi division on the 9th.

Chief amounts of rainfall recorded during the week were:- Rangamati, Chittagong and Sylhet 3" each and Srimangal 2" on the 7th and Mymensingh 3" and Majdee Court 2" on the 9th.

Night temperatures were appreciably to markedly above normal in the province during the first four days of the week and only appreciably so on the 8th.

WEST PAKISTAN: Last week's western disturbance over D. I. Khan and Peshawar divisions moved away eastwards during the beginning of the week. Under its influence widespread rain or thundershowers occurred in Rawalpindi and Sargodha divisions on the 4th and fairly widespread in Peshawar division on the 4th and the 5th. Scattered rain also fell in D. I. Khan and Quetta divisions on the 4th, in Peshawar division again on the 6th and the 7th and light rain or drizzle in Lahore division on the first day of the week. Another western disturbance approached on the last day of the week and caused scattered rain or snow in Peshawar division the same day.

Chief amounts of rainfall recorded during the week were:- Kakul 3", Islamabad 2" and Rawalpindi, Drosh and Chakdara 1" each on the 4th; Chakdara and Parachinar 1" on the 5th and Parachinar 1" again on the 7th.

Night temperatures were considerably above normal in the western parts of Quetta division on the 10th, appreciably to markedly so in most of the province on the 4th and appreciably so in the province on the 10th and only in the northern areas on the 5th.

2 CHITTAGONG DIVISION :	Rainfall was fairly widespread on one day and local and scattered on two days each.
DACC A DIVISION :	Fairly widespread and local rain fell on one day each and scattered on two days.
KHULNA DIVISION :	Rainfall was fairly widespread on two days.
RAJSHAH I DIVISION :	Rainfall was local on two days and scattered on one day.
KASHMIR :	Data not available.
LAHORE DIVISION :	Weather remained mainly dry.
RAWALPIND I DIVISION :	} Widespread rain fell on one day.
SARGODHA DIVISION :	
MULTAN DIVISION :	} No rain fell during the week.
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Rainfall was fairly widespread on two days and scattered on three days.
D. I. KHAN DIVISION :	} Scattered rain fell on one day.
QUETTA DIVISION :	
KALAT DIVISION :	} No rain fell during the week.
KARACHI DIVISION :	
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 East Pakistan; in excess in Sargodha division; deficient in Rawalpindi and scanty in Lahore, Peshawar and Quetta divisions. No rainfall elsewhere in West Pakistan.

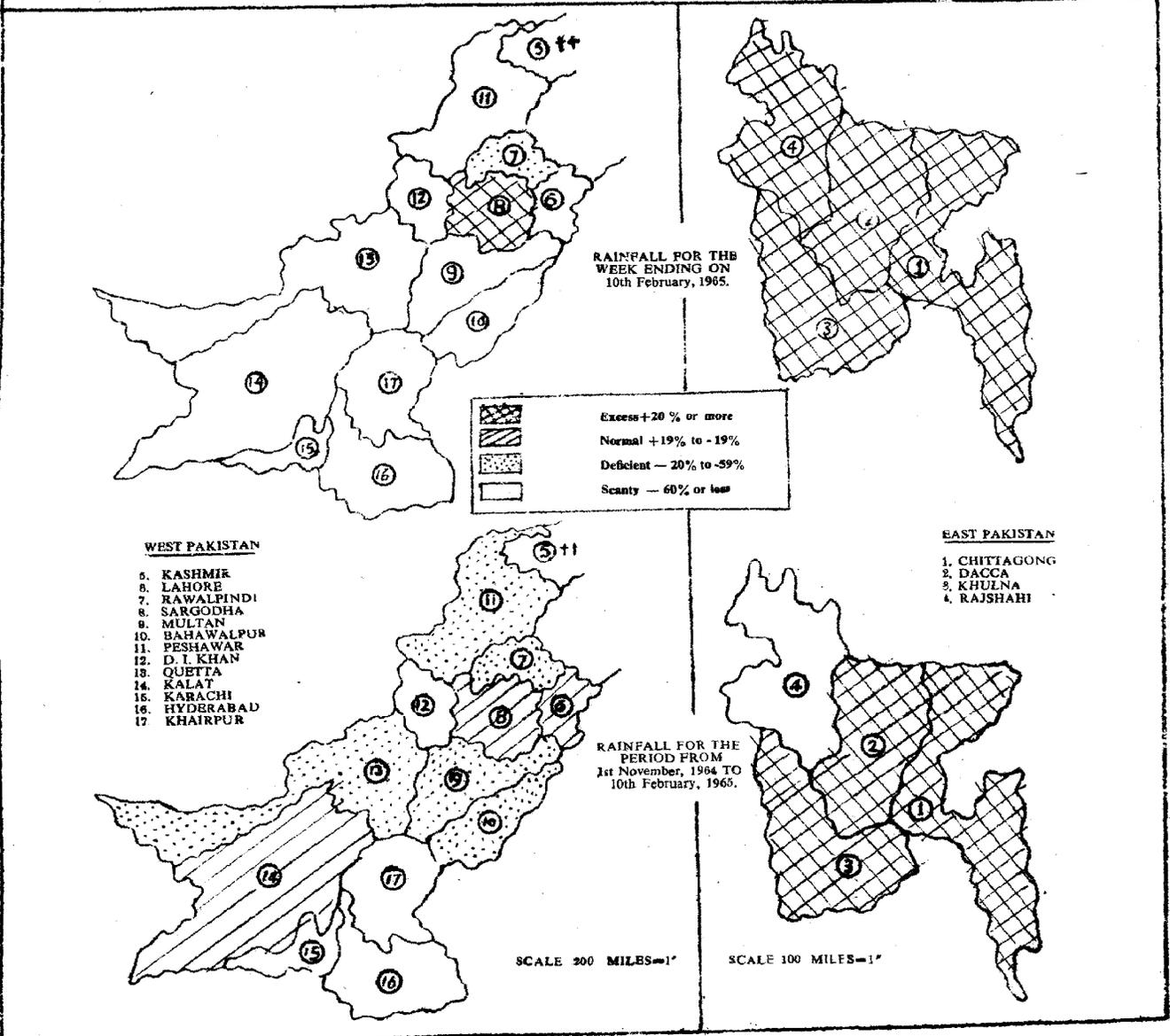
Rainfall for the period from 1st November, 1964 to date was in excess in Chittagong, Dacca and Khulna divisions; normal in Lahore, Sargodha and Kalat divisions; deficient in Rawalpindi, Multan, Bahawalpur, Peshawar and Quetta divisions and scanty in Rajshahi, D. I. Khan, Karachi, Hyderabad and Khairpur 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 1964 to date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 10th February, 1965.			Rainfall for the Period from 1st November, 1964 to 10th February, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	2.1	0.2	+ 1.9	3.9	2.7	+ 1.1	+ 42
2. Dacca	1.4	0.2	+ 1.2	2.2	1.7	+ 0.5	+ 30
3. Khulna	1.1	0.2	+ 0.9	2.7	2.0	+ 0.7	+ 36
4. Rajshahi	0.3	0.1	+ 0.1	0.3	1.3	- 1.0	- 77
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.3	- 0.3	2.9	2.8	+ 0.1	+ 03
7. Rawalpindi	0.6	0.8	- 0.2	5.2	6.9	- 1.7	- 25
8. Sargodha	0.3	0.2	+ 0.1	1.4	1.3	+ 0.2	- 49
9. Multan	0	0.1	- 0.1	0.5	0.9	- 0.5	- 49
10. Bahawalpur	0	0.1	- 0.1	0.3	0.5	- 0.2	- 39
11. Peshawar	0.2	0.6	- 0.4	3.3	4.3	- 1.0	- 23
12. D. I. Khan	0	0.2	- 0.2	0.1	1.6	- 1.5	- 91
13. Quetta	0.1	0.4	- 0.4	1.4	2.9	- 1.5	- 53
14. Kalat	0	0.4	- 0.4	3.1	3.3	- 0.3	- 9
15. Karachi	0	0.3	- 0.3	0.4	2.1	- 1.7	- 80
16. Hyderabad	0	0.1	- 0.1	0.1	0.5	- 0.5	- 91
17. Khairpur	0	0.1	- 0.1	0.1	0.6	- 0.5	- 86
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 17th February, 1965

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SUMMARY OF WEATHER

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

Night temperatures were slightly above normal in the province on the 15th. These were to the same extent below normal in the province on the 17th and only Chittagong and Dacca divisions on the 13th and the 16th respectively.

WEST PAKISTAN: Last week's western disturbance over Quetta division and neighbourhood moved away northeast wards by the 14th. Under its influence generally widespread rain or thundershowers occurred in Rawalpindi and Peshawar divisions on the 11th and the 12th and in Lahore division during the next two days and scattered to local in Sargodha, Multan, Bahawalpur, D.I. Khan and Quetta divisions on the first day of the week; in Lahore and Bahawalpur divisions on the 12th and in Rawalpindi, Sargodha and Peshawar divisions on the 13th. A few falls of snow were also reported from the hills of Rawalpindi division during the first three days of the week and of light rain or drizzle from Sargodha and Karachi divisions on the 12th. Another western disturbance thereafter moved to Afghanistan and the adjoining areas of West Pakistan on the 15th and caused scattered rain or thundershowers in Bahawalpur, Peshawar and Quetta divisions the same day. It moved slowly to the northern areas of the province by the end of the week while its associated trough extended south-southwest-wards. The system caused fairly widespread rain or thundershowers in Peshawar division on the 16th and in Lahore and Rawalpindi divisions the next day with a few falls of snow in the hills of Rawalpindi division. Scattered to local rain or thundershowers also occurred in Rawalpindi division on the 15th and in Bahawalpur, Peshawar, D.I. Khan, Quetta and Kalat division on the last day of the week while a few falls of light rain or drizzle were experienced in D.I. Khan and Quetta divisions on the 16th and in Sargodha and Multan divisions the next day.

Chief amounts of rainfall recorded during the week were:- Parachinar 2" and Murree 1½" on the 11th and Murree 3" on the 17th.

Night temperatures were markedly to considerably above normal in Quetta division on the 15th; slightly to appreciably so in most of the province on the 11th, 12th and the 17th and only in the northern and the central areas of the province on the 15th and the 16th. These were slightly below normal in Quetta division and to the same extent above normal in Karachi and Khairpur divisions on the 13th and the 14th.

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.
RAWALPINDI DIVISION :		Rainfall was widespread and local on two days each and fairly widespread on one day.
SARGODHA DIVISION :		Scattered rain fell on one day.
MULTAN DIVISION :		Local rain fell on one day.
BAHAWALPUR DIVISION :		No rain fell during the week.
PESHAWAR DIVISION :		Widespread and local rain fell on one day each and fairly widespread and scattered on two days each.
D. I. KHAN DIVISION :		Scattered rain fell on two days.
QUETTA DIVISION :		Rainfall was local on one day and scattered on another day.
KALAT DIVISION :		Scattered rain fell on one day.
KARACHI DIVISION :	}	No rain fell during the week.
HYDERABAD DIVISION :		
KHAIRPUR DIVISION :		
JUNAGADH :		Data not available.

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

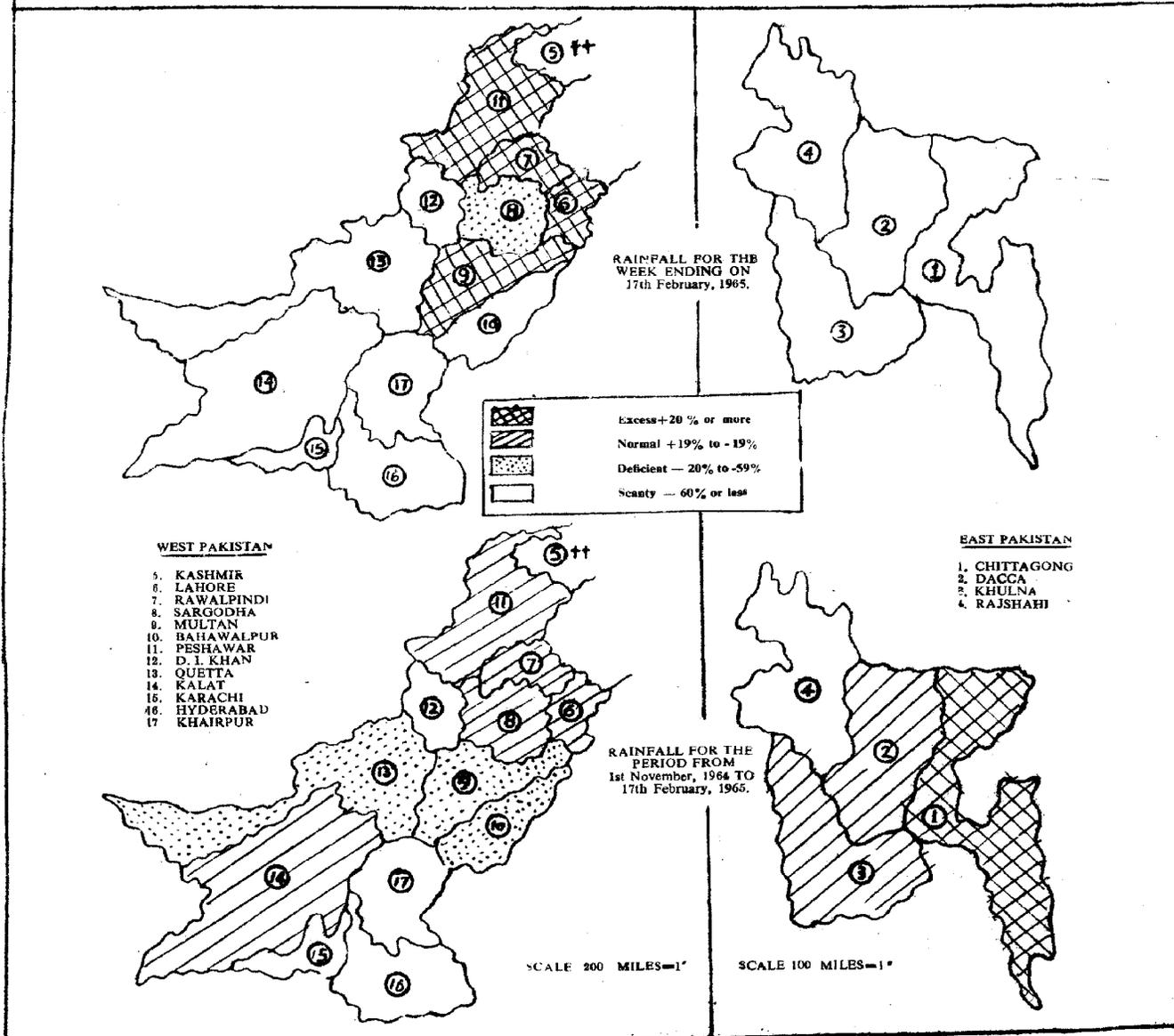
Rainfall for the period from 1st November 1964 to-date was in excess in Chittagong division; normal in Dacca, Khulna, Lahore, Rawalpindi, Sargodha, Peshawar and Kalat divisions; deficient in Multan, Bahawalpur and Quetta divisions and scanty elsewhere in the country.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan, both for week and for the period from 1st November 1964 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 17th February, 1965.			Rainfall for the Period from 1st November, 1964 to 17th February, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.3	- 0.3	3.9	3.0	+ 0.8	+ 28
2. Dacca	0	0.3	- 0.3	2.2	2.0	+ 0.2	+ 10
3. Khulna	0	0.3	- 0.3	2.7	2.3	+ 0.4	+ 17
4. Rajshahi	0	0.2	- 0.2	0.3	1.5	- 1.2	- 80
5. Kashmir ††	-	-	-	-	-	-	-
6. Lahore	0.7	0.3	+ 0.4	3.6	3.1	+ 0.5	+ 14
7. Rawalpindi	3.5	0.7	+ 2.8	8.6	7.6	+ 1.1	+ 14
8. Sargodha	0.1	0.2	- 0.1	1.5	1.5	+ 0.1	+ 3
9. Multan	0.2	0.1	0	0.6	0.1	- 0.4	- 40
10. Bahawalpur	0	0.1	- 0.1	0.3	0.6	- 0.3	- 47
11. Peshawar	1.9	0.9	+ 1.0	5.2	5.1	+ 0.1	Normal
12. D. I. Khan	0.1	0.3	- 0.2	0.2	1.9	- 1.7	- 88
13. Quetta	0.2	0.4	- 0.3	1.5	3.3	- 1.8	- 54
14. Kalat	0.1	0.4	- 0.4	3.1	3.7	- 0.7	- 17
15. Karachi	0	0.2	- 0.2	0.4	2.3	- 1.9	- 17
16. Hyderabad	0	0.1	- 0.1	0.1	0.6	- 0.6	- 72
17. Khairpur	0	0.1	- 0.1	0.1	0.6	- 0.6	- 88
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 3rd March, 1965.

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SUMMARY OF WEATHER

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

Night temperatures were appreciably below normal in the province during the first two days of the week and only slightly so in the province on the third day in Chittagong division on the 28th and in Rajshahi division during the last three days of the week. These were slightly above normal in Khulna division on the 28th and in Khulna and Chittagong divisions on the 3rd.

WEST PAKISTAN: Last week's western disturbance over Afghanistan and its associated trough moved away eastwards during the first three days of the week. It caused scattered rain with a few falls of snow in the hills on the 26th and the 27th and a few thunderstorms in Rawalpindi division on the 27th and in Quetta division during the first three days of the week. A few falls of drizzle were also reported from D.I. Khan division during these three days and from Peshawar and Quetta divisions respectively on the 25th and the 26th.

The noteworthy amounts of rainfall recorded during the week was 1/4" in Parachinar on the 26th. Night temperatures were appreciably to markedly below normal in Bahawalpur division on the 25th and the 26th and to the same extent above normal in Kalat and the western parts of Quetta division on the first day of the week. These were slightly above normal in Lahore, Quetta and Kalat divisions on the 26th and to the same extent below normal in most of the northern areas on the 27th, 28th and the 1st.

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

3. Based on data of the stations having normals, the week's rainfall was scanty in Rawalpindi, Peshawar and Quetta divisions whereas no rainfall elsewhere in the country.

Rainfall for the period from 1st November 1964 to-date was normal in Chittagong, Dacca, Khulna, Lahore, Rawalpindi, Sargodha and Peshawar divisions; deficient in Multan, Bahawalpur, Quetta 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 1964 to-date.

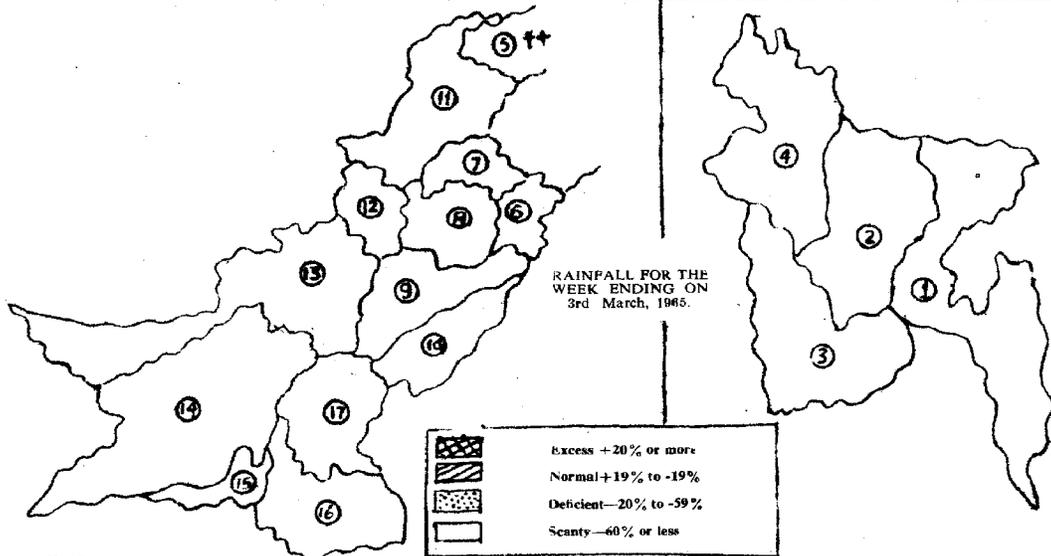
Karachi—11
The 3rd March, 1965.

SIBTE NABI NAQVI
Director, Meteorological Service

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 3rd March, 1965.			Rainfall for the Period from 1st November, 1964 to 3rd March, 1965.			
	†Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.4	- 0.4	3.9	2.8	+ 0.1	+ 0.1
2. Dacca	0	0.3	- 0.3	2.4	2.7	- 0.3	- 02
3. Khulna	0	0.3	- 0.3	3.0	2.9	+ 0.1	+ 0.2
4. Rajshahi	0	0.2	- 0.2	0.6	1.9	- 1.3	- 69
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	- 0.3	4.1	3.7	+ 0.4	+ 10
7. Rawalpindi	0.1	0.9	- 0.8	10.5	9.4	+ 1.1	+ 12
8. Sargodha	0	0.2	- 0.2	1.9	1.9	+ 0.1	+ 05
9. Multan	0	0.1	- 0.1	0.6	1.2	- 0.6	- 48
10. Bahawalpur	0	0.1	- 0.1	0.3	0.8	- 0.4	- 56
11. Peshawar	0	0.4	- 0.4	5.8	6.0	- 0.2	- 02
12. D. I. Khan	0	0.5	- 0.5	0.3	2.9	- 2.7	- 92
13. Quetta	0	0.3	- 0.3	1.6	3.8	- 2.3	- 59
14. Kalat	0	0.1	- 0.1	3.1	4.2	- 1.1	+ 26
15. Karachi	0	0.3	- 0.3	0.4	2.9	- 2.5	- 85
16. Hyderabad	0	0.1	- 0.1	0.1	0.8	- 0.7	- 93
17. Khairpur	0	0.1	- 0.1	0.1	0.8	- 0.7	- 90
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.

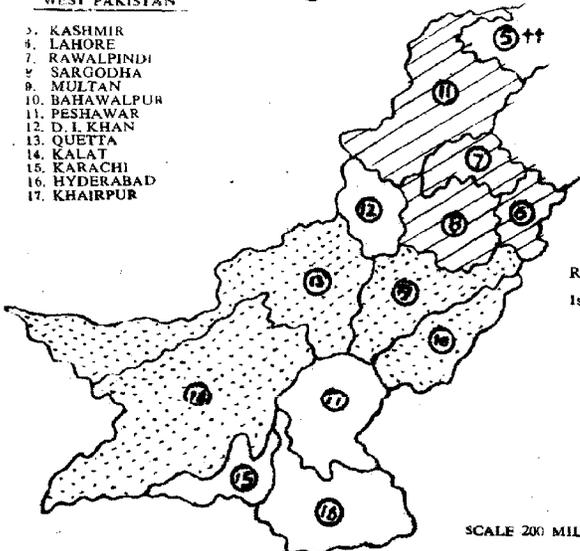


WEST PAKISTAN

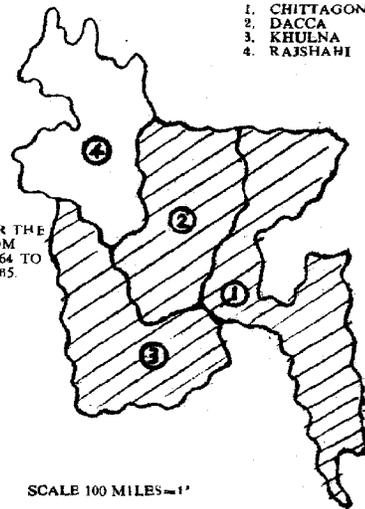
- 5. KASHMIR
- 6. LAHORE
- 7. RAWALPINDI
- 8. SARGODHA
- 9. MULTAN
- 10. BAHAWALPUR
- 11. PESHAWAR
- 12. D. I. KHAN
- 13. QUETTA
- 14. KALAT
- 15. KARACHI
- 16. HYDERABAD
- 17. KHAIRPUR

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 GM.T. on Wednesday the 10th March, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: A western disturbance moved across the northern areas of the province during the beginning of the week. It caused scattered local rain or thundershowers in the province outside Rajshahi division on the 4th and a few thunderstorms in Dacca division on the 5th. A few falls of light rain or drizzle were also reported from Khulna division on the 8th under the influence of a trough of low over Bihar and adjoining areas.

Chief amounts of rainfall recorded during the week were:- Rangamati 3" and Barisal 1½" on the 4th.

Night temperatures were slightly below normal in East Pakistan on the 5th, only in the southern parts of the province the next day and were to the same extent above normal in Chittagong and Khulna divisions respectively on the 4th and the 9th.

WEST PAKISTAN: A western disturbance approached Afghanistan and the adjoining areas of West Pakistan towards the middle of the week and caused scattered thunderstorms in Quetta division on the 5th and the 6th and local rain or thundershowers in D.I. Khan and Quetta divisions and scattered to local thunderstorms in Lahore, Rawalpindi, Sargodha and Peshawar divisions on the 7th. It moved away northeastwards across the northern areas of the province and Kashmir by the end of the week after causing fairly widespread rain or thundershowers in Peshawar division on the 8th and in Rawalpindi and Peshawar divisions on the 9th. Scattered local rain or thundershowers occurred in Lahore, Rawalpindi, Multan and D.I. Khan divisions on the 8th and a few falls of rain or snow in the hills of Rawalpindi division on the last day of the week. Light rain also fell at a few places in Multan, Quetta and D.I. Khan divisions on the 7th, 8th and 9th respectively while scattered to local thunderstorms developed in Multan division on the 8th and the 9th and in Quetta division only on the 9th.

Chief amounts of rain-fall recorded during the week were: Quetta 1½" on the 7th; Rawalpindi and Kakul 1" each on the 9th and Murree 1" on the 10th.

Night temperatures were slightly to appreciably above normal in Peshawar, Quetta, Karachi, Hyderabad, Lahore, Multan and Sargodha divisions during the first four days of the week and only in the northern areas of the province on the 8th and 9th. These were slightly to appreciably below normal in Quetta and Kalat divisions on the 7th and in Quetta, Kalat, Khairpur, Hyderabad and Karachi divisions the next day.

2. CHITTAGONG DIVISION :	Local rain fell on one day.
DACCA DIVISION :	} Scattered rain fell on one day
KHULNA DIVISION :	
RAJSHAHI DIVISION :	Weather remained mainly dry.
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on one day.
RAWALPINDI DIVISION :	Rainfall was fairly widespread on one day and scattered on two days.
SARGODHA DIVISION :	No rain fell during the week.
MULTAN DIVISION :	Scattered rain fell on one day.
BAHAWALPUR DIVISION :	Weather remained dry during the week.
PESHAWAR DIVISION :	Fairly widespread rain fell on two days.
D. I. KHAN DIVISION :	Local rain fell on two days.
QUETTA DIVISION :	Local 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 data of the stations having normals, the week's rainfall was in large excess in Rawalpindi division, normal in Chittagong, Khulna, Peshawar and Quetta divisions; deficient in Lahore and Multan divisions and scanty in Dacca, Rajshahi, Bahawalpur and D.I. Khan divisions. No rain fell elsewhere in West Pakistan.

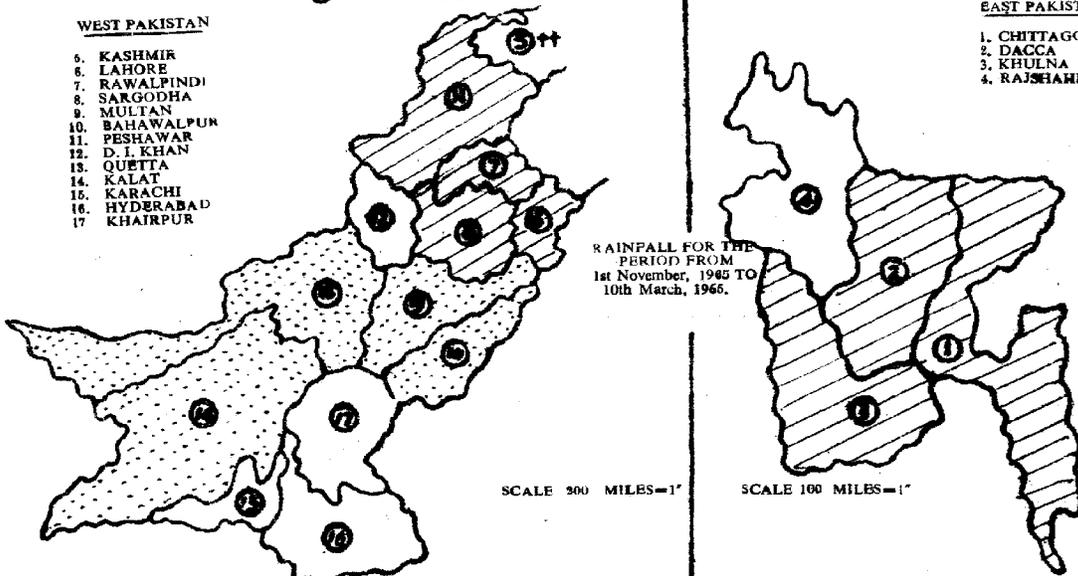
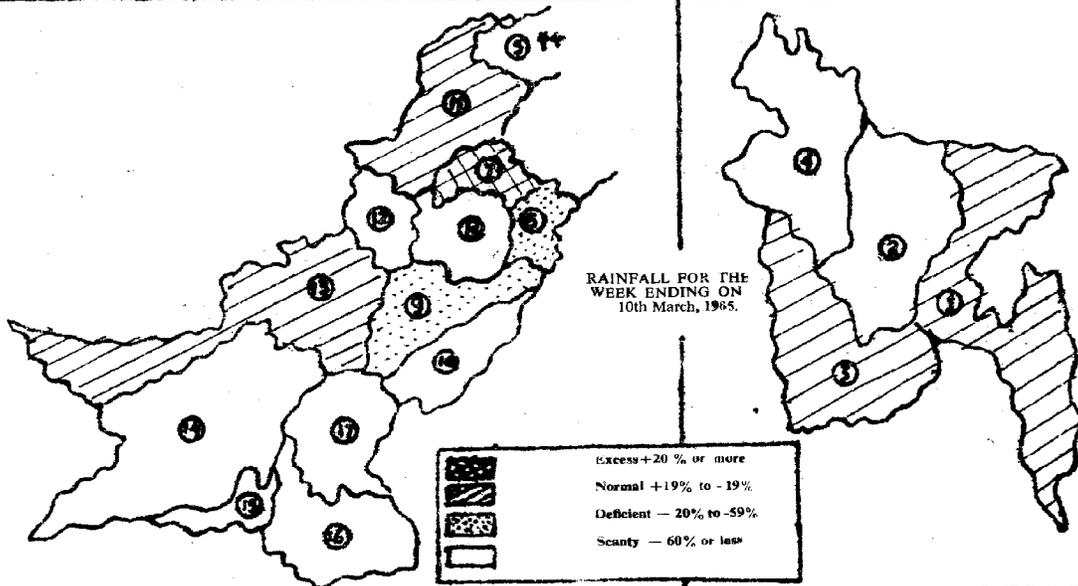
Rainfall for the period from 1st November 1964 to-date was normal in Chittagong, Dacca, Khulna, Lahore, Rawalpindi, Sargodha and Peshawar divisions; deficient in Multan, Bahawalpur, Quetta and Kalat divisions and scanty elsewhere in the country.

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 1964 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 10th March 1965.			Rainfall for the Period from 1st November, 1964 to 10th March 1965.			
	↑ Actual	Normal	*Excess or defect.	↑ Actual	Normal	*Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.2	0.3	0	4.1	4.1	0	+ 1
2. Dacca	0.1	0.4	- 0.2	2.5	3.0	- 0.5	- 18
3. Khulna	0.3	0.3	0	3.3	3.3	0	+ 1
4. Rajshahi	0	0.2	- 0.2	0.6	2.1	- 1.5	- 72
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.2	0.3	- 0.1	4.3	4.1	+ 0.3	+ 6
7. Rawalpindi	1.2	0.8	+ 0.4	11.7	10.3	+ 1.5	+ 15
8. Sargodha	0	0.2	- 0.2	1.9	2.1	- 0.1	- 6
9. Multan	0.1	0.1	- 0.1	0.7	1.4	- 0.7	- 48
10. Bahawalpur	0	0.1	- 0.1	0.4	0.9	- 0.5	- 58
11. Peshawar	0.9	0.8	0	6.6	6.8	- 0.1	- 02
12. D. I. Khan	0.1	0.3	- 0.2	0.4	3.2	- 2.8	- 88
13. Quetta	0.3	0.3	0	1.9	4.1	- 2.2	- 54
14. Kalat	0	0.1	- 0.1	3.1	4.3	- 1.2	- 28
15. Karachi	0	0.1	- 0.1	0.4	3.0	- 2.6	- 86
16. Hyderabad	0	0.1	- 0.1	0.1	0.8	- 0.8	- 93
17. Khairpur	0.1	0.1	0	0.2	0.9	- 0.7	- 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 17th March, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN Weather remained dry over the province during the week. Night temperatures were slightly above normal in Chittagong, Dacca and Khulna divisions on the 11th and the 12th and to the same extent below normal in most of the province during the rest of the week.

WEST PAKISTAN: Last week's western disturbance moved away northeastwards after causing a few falls of drizzle in Multan, D.I. Khan and Quetta divisions on the 11th. Another western disturbance approached the northwestern areas of the province on the 15th and caused a few falls of drizzle in Peshawar division and scattered thunderstorms in Quetta division the same day. The western disturbance moved to the northern areas of the province by the end of the week after causing scattered thunderstorms or showers in Peshawar and Quetta divisions on the 16th and fairly widespread thunderstorms or showers in Peshawar division, local in Rawalpindi division and scattered in Quetta division on the last day of the week.

Parachinar recorded 1/4" of rain on the 16th.

Night temperatures were appreciably to markedly above normal in Peshawar division on the 14th and in Rawalpindi and Peshawar divisions the next day. These were otherwise slightly to appreciably above normal in most of the northern and central areas of the province during the last four days of the week and only in Rawalpindi, Multan, Bahawalpur, Peshawar, Quetta and Khairpur divisions on the 13th.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
Dacca DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :		
KASHMIR :		Data not available.
LAHORE DIVISION :		Weather remained dry.
RAWALPINDI DIVISION :		Scattered rain fell on one day.
SARGODHA DIVISION :	}	No rain fell during the week.
MULTAN DIVISION :		
BAHAWALPUR DIVISION :		
PESHAWAR DIVISION :		Local and scattered rain fell on one day each.
D. I. KHAN DIVISION :	}	No rain fell during the week.
QUETTA DIVISION :		
KALAT DIVISION :		
KARACHI DIVISION :		
HYDERABAD DIVISION :		
JUNAGADH :		Data not available.

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

Rainfall for the period from 1st November 1964 to-date was normal in Chittagong, Khulna, Lahore, Rawalpindi, Sargodha and Peshawar divisions; deficient in Dacca, Multan, Quetta 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 1964 to date.

Karachi—11

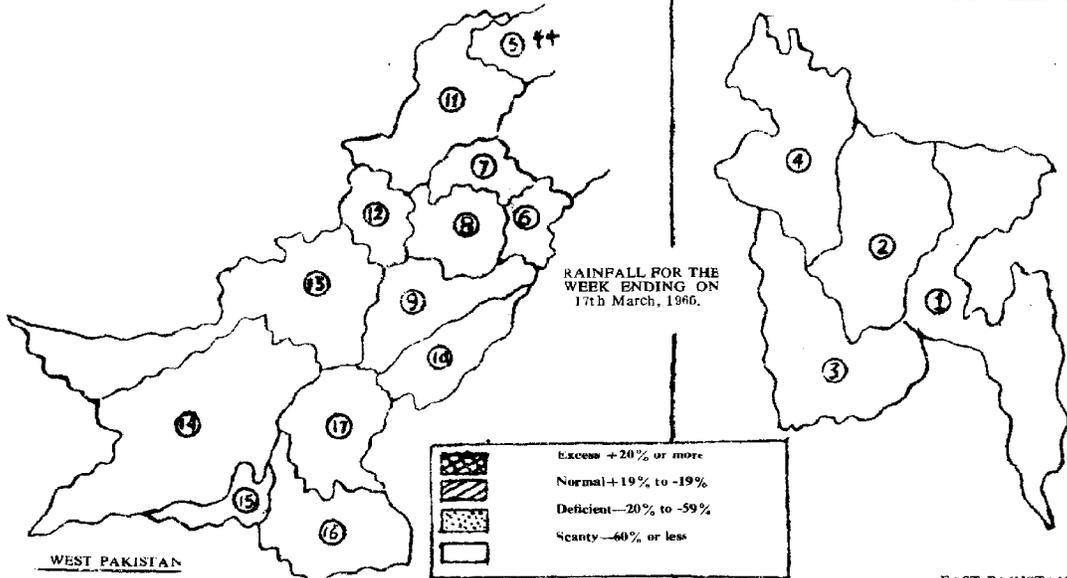
The 17th March, 1965

SIBTE NABI NAQVI
Director, Meteorological Service

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 17th March, 1965.			Rainfall for the Period from 1st November, 1964 to 17th March, 1965.			
	†Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	0	0.8	— 0.8	4.1	4.9	— 0.8	— 16
2. Dacca	0	0.5	— 0.5	2.5	3.6	— 1.1	— 30
3. Khulna	0	0.4	— 0.4	3.3	3.7	— 0.4	— 10
4. Rajshahi	0	0.2	— 0.2	0.6	2.3	— 1.7	— 74
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.3	— 0.3	4.3	4.4	0	— 01
7. Rawalpindi	0.1	0.9	— 0.8	11.8	11.2	+ 0.7	+ 6
8. Sargodha	0	0.2	— 0.2	1.9	2.3	— 0.3	— 15
9. Multan	0	0.1	— 0.1	0.7	1.5	— 0.8	— 52
10. Bahawalpur	0	0.1	— 0.1	0.4	1.0	— 0.6	— 63
11. Peshawar	0.1	1.0	— 0.9	6.8	7.8	— 1.1	— 14
12. D. I. Khan	0	0.4	— 0.4	0.4	3.6	— 3.2	— 90
13. Quetta	0	0.4	— 0.4	1.9	4.5	— 2.6	— 59
14. Kalat	0	0.3	— 0.3	3.1	4.6	— 1.5	— 33
15. Karachi	0	0.1	— 0.1	0.4	3.1	— 2.6	— 86
16. Hyderabad	0	0.1	— 0.1	0.1	0.9	— 0.8	— 96
17. Khairpur	0	0.1	— 0.1	0.2	0.9	— 0.8	— 82
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.

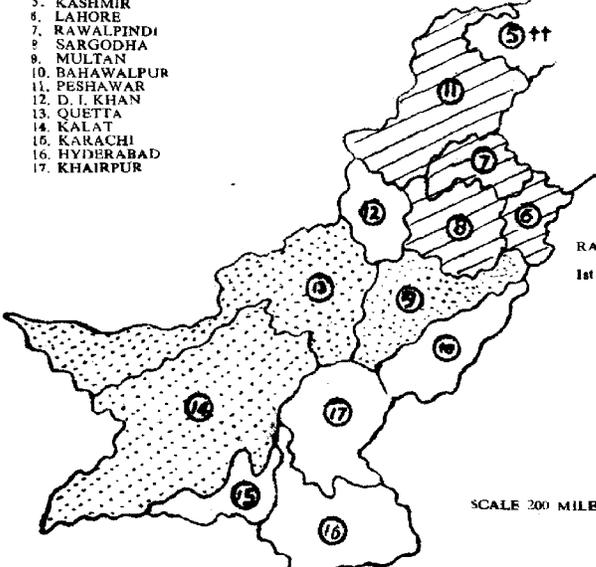


WEST PAKISTAN

- 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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 24th March, 1965

---o:O:---

SUMMARY OF WEATHER

EAST PAKISTAN: A feeble western disturbance moved across the northern areas of the province during the middle of the week and caused scattered to local rain or thundershowers in Dacca, Khulna and Rajshahi divisions on the 21st, scattered to local thunderstorms in Chittagong, Dacca and Rajshahi divisions on the 20th.

This was followed by an active western disturbance with an associated well marked trough over Orissa. This system lay over East Pakistan on the last day of the week. It caused fairly widespread rain or thundershowers in Dacca and Khulna divisions on the 23rd and in the whole province on the 24th with scattered to local in Chittagong and Rajshahi divisions on the 22nd.

According to newspaper reports a norwester swept over Dacca, Kustia and Faridpur on the 23rd evening. About 25 persons lost their lives in addition to loss of property and cattle herds in these areas.

Chief amounts of rainfall recorded during the week were:- Dinajpur 3" and Comilla 2" on the 24th.

Night temperatures were appreciably below normal in the province during the last three days of the week and nearly normal during the rest of the week.

WEST PAKISTAN: Last week's western disturbance over the northern areas of the province moved away northeastwards by the 20th after causing fairly widespread rain or thundershowers in Rawalpindi and Sargodha divisions on the 19th and the 20th and in Peshawar division on the 19th and scattered to local rain or thundershowers in Rawalpindi, Sargodha and Peshawar divisions on the first day of the week and in Lahore and Peshawar divisions respectively on the 19th and the 20th. Scattered thunderstorms also developed in Multan and Quetta divisions during the first two days of the week while light rain or drizzle fell in Bahawalpur division on the 19th and in Multan and D.I. Khan divisions on the 20th. Another western disturbance that moved across the northern areas of the province thereafter caused scattered to local rain or thundershowers in Rawalpindi division between the 21st and the 24th in Peshawar division between the 21st and the 23rd, in Sargodha and Multan divisions on the 22nd and the 23rd and in D.I. Khan, Quetta and Hyderabad divisions only on the 22nd. A few thunderstorms also developed in Khairpur and Kalat divisions respectively on the 22nd and the 24th while scattered light rain fell in Lahore division on the 23rd.

Chief amounts of rainfall recorded during the week were:- Islamabad, Rawalpindi, Cherat, Kakul and Haripur 1½" each on the 19th and Murree 2" and Kakul 1½" on the 20th.

Night temperatures were markedly to considerably below normal in Quetta and adjoining Kalat divisions on the 19th. These were otherwise appreciably to markedly below normal in these areas during the first two days of week and generally appreciably so in most of West Pakistan on the 20th, 22nd and the 23rd and only in Lahore, Rawalpindi, Sargodha, Multan and Peshawar divisions on the 21st and the 24th.

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

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

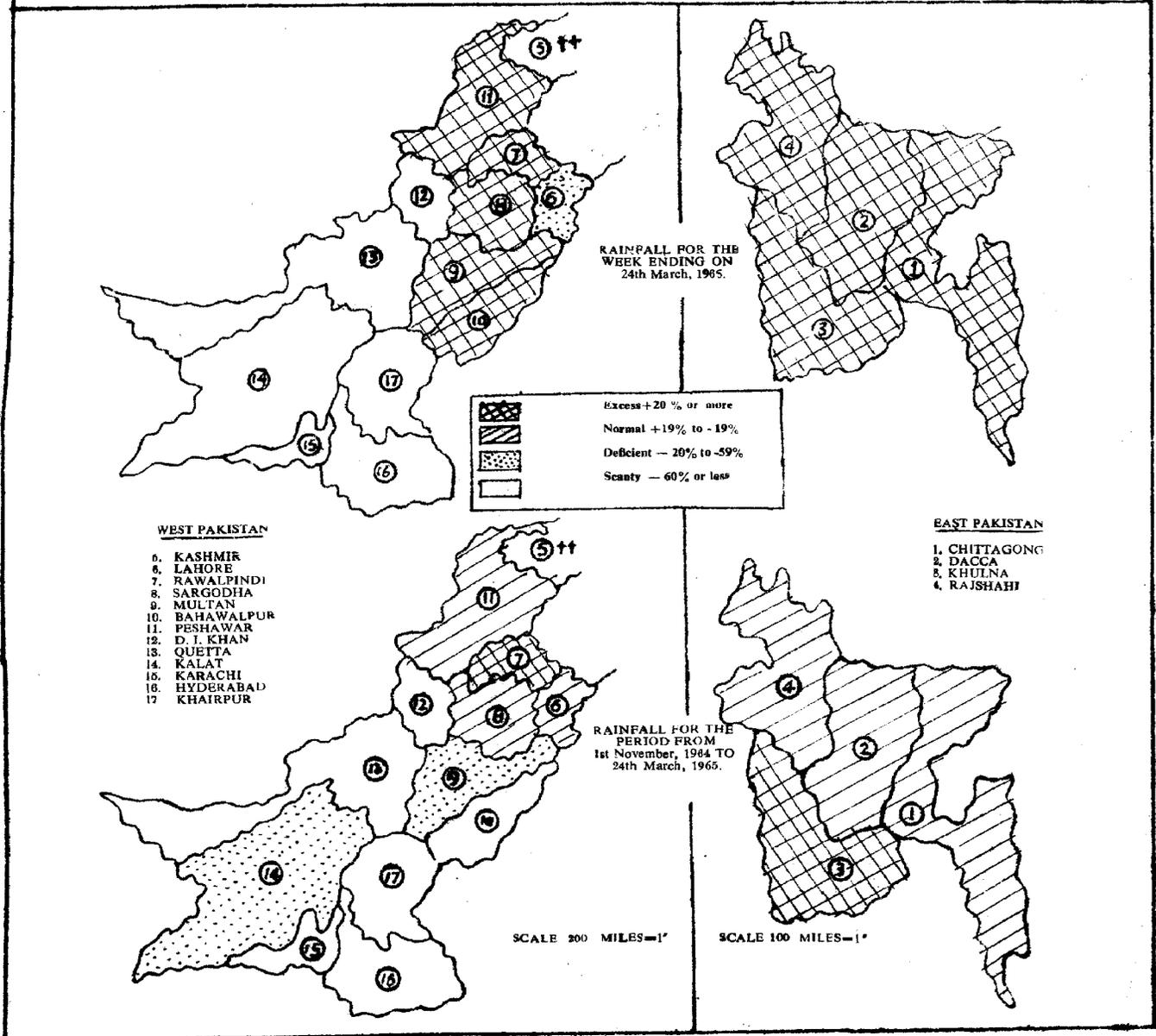
Rainfall for the period from 1st November, 1964 to date was in excess in Khulna and Rawalpindi divisions; normal in the rest of East Pakistan and in Lahore, Peshawar and Sargodha divisions; deficient in Multan and Kalat divisions and scanty elsewhere in West Pakistan.

4. The table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan both, for the week and for the period from 1st November 1964 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 24th March 1965.			Rainfall for the Period from 1st November 1964 to 24th March 1965.			
	↑ Actual	Normal	* Excess or defect.	↑ Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	1.1	0.6	+ 0.5	5.2	5.5	- 0.3	- 5
2. Dacca	1.1	0.5	+ 0.6	3.6	4.1	- 0.5	- 11
3. Khulna	1.7	0.4	+ 1.3	5.0	4.1	+ 0.9	+ 24
4. Rajshahi	1.5	0.3	+ 1.2	2.1	2.5	- 0.4	- 17
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.1	0.2	- 0.1	4.4	4.6	- 0.2	- 3
7. Rawalpindi	2.8	0.8	+ 2.0	14.6	11.9	+ 2.7	+ 22
8. Sargodha	0.7	0.2	+ 0.5	2.6	2.5	+ 0.2	+ 7
9. Multan	0.2	0.1	+ 0.1	0.9	1.5	- 0.7	- 44
10. Bahawalpur	0	0.1	- 0.1	0.4	1.1	- 0.7	- 63
11. Peshawar	1.1	0.7	+ 0.4	7.8	8.5	- 0.7	- 8
12. D. I. Khan	0.1	0.4	- 0.4	0.4	4.0	- 3.6	- 89
13. Quetta	0	0.3	- 0.3	1.9	4.8	- 2.9	- 60
14. Kalat	0	0.2	- 0.2	3.1	4.8	- 1.7	- 35
15. Karachi	0	0	0	0.4	3.1	- 2.7	- 86
16. Hyderabad	0	0	0	0.1	0.9	- 0.9	- 95
17. Khairpur	0	0	0	0.2	1.0	- 0.8	- 82
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 31st March, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Last week's western disturbance over East Pakistan was followed by another western disturbance which moved away northeast wards by the 29th after causing scattered to local thunderstorms or showers in Chittagong and Rajshahi divisions between the 27th and the 29th, in Dacca division only on the 27th and in Khulna division on the 28th and the 29th. Scattered to local rain or thundershowers thereafter occurred in Chittagong and Rajshahi divisions during the last two days of the week and in Khulna division only on the 30th. Under the influence of a trough of low pressure over West Bengal and adjoining areas of East Pakistan.

Chief amounts of rainfall recorded during the week were:- Brahmanbaria 1" on the 28th and Khulna 2" on the 29th. Night temperatures were appreciably below normal in the province during the first three days of the week and only slightly so in Khulna division on the 29th and the 30th and were to the same extent above normal in Rajshahi division on the 29th.

WEST PAKISTAN: A western disturbance that moved across the northern areas of the province during the beginning of the week caused scattered to local thunderstorms or showers in Rawalpindi and D. I. Khan divisions between the 25th and the 27th and in Peshawar, Quetta and Kalat divisions on the 25th and the 26th. Light rain or drizzle also fell in Sargodha division during these three days while scattered duststorms occurred in Khairpur division on the 26th and few thunderstorms in Bahawalpur division on the 27th. Another western disturbance that followed in its wake was active and lay over the northern areas of the province on the last day of the week with a well marked low pressure area extending to Hyderabad division and adjoining areas. The system caused widespread rain or thundershowers in Lahore, Rawalpindi and Peshawar divisions on the 31st. Scattered to local thunderstorms or showers otherwise occurred in D. I. Khan, Quetta, Hyderabad and Khairpur divisions during the last two days of the week and in Peshawar and Kalat divisions only on the 30th and in Multan and Bahawalpur divisions on the 31st. Scattered to local thunderstorms also developed in Rawalpindi, Peshawar and Khairpur divisions on the 29th and in Rawalpindi division again on the 30th.

Chief amounts of rainfall recorded during the week were:- Miranshah 1" on the 25th and Drosh 2" and Hyderabad, Sialkot, Cherat, and Parachinar 1" each on the 31st. According to newspaper reports Hyderabad experienced severe hailstorm on the 30th evening and caused heavy damage to the standing crop in the division.

Night temperatures were appreciably to markedly below normal in Lahore, Rawalpindi, Peshawar, D. I. Khan, Quetta, Khairpur and northern Kalat divisions on the 31st and only appreciably so in most of the province on the 28th and in Rawalpindi, Sargodha and Peshawar divisions between the 26th and the 27th. These were also slightly to appreciably above normal in some of the northern and central areas of the province on the 25th, 26th, 29th and the 30th.

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

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

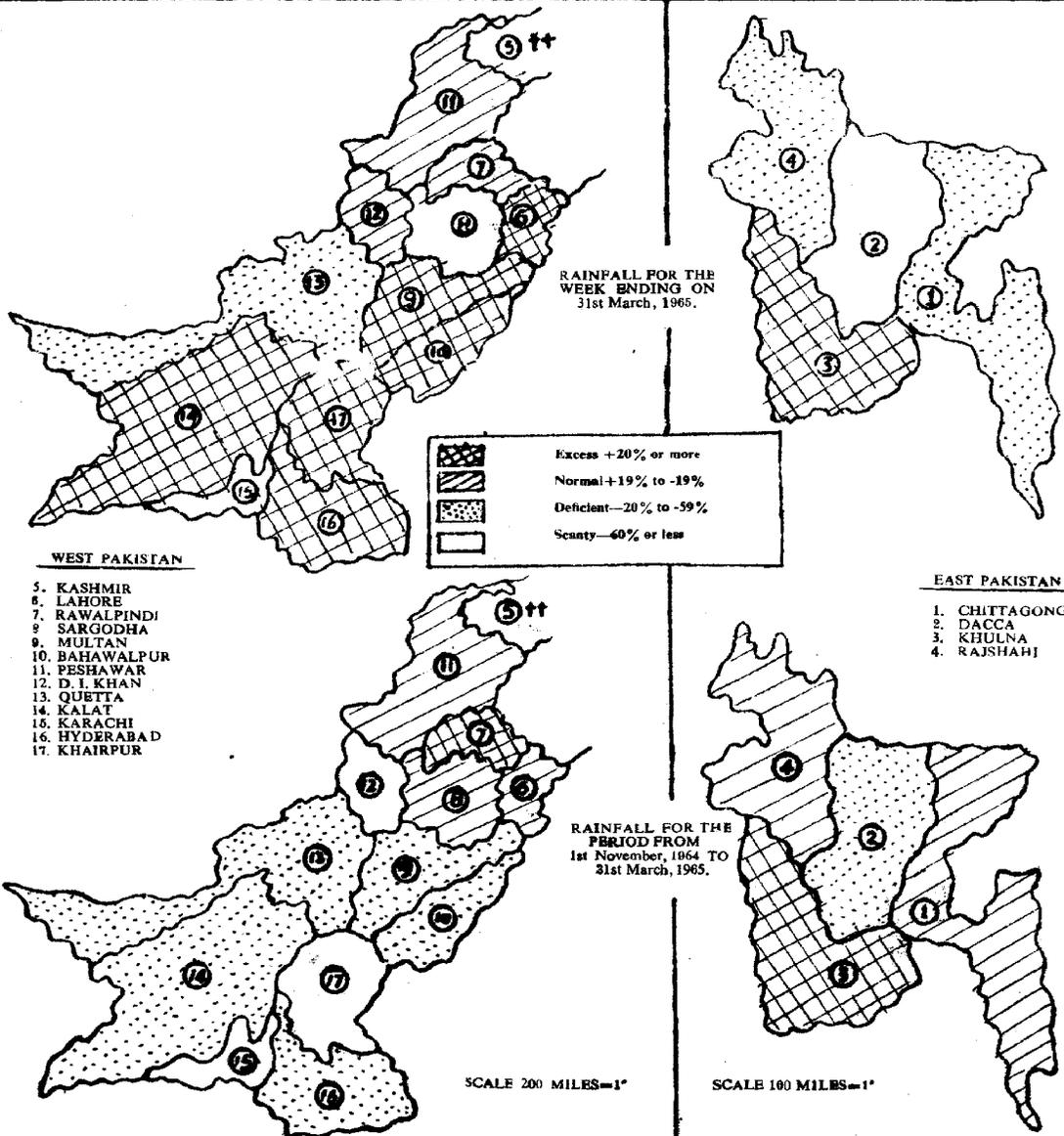
The rainfall for the period from 1st November 1964 to-date was excess in Khulna and Rawalpindi divisions; normal in Chittagong, Rajshahi, Lahore, Sargodha and Peshawar divisions; deficient in Dacca, Multan, Bahawalpur, Quetta, Kalat and Hyderabad divisions and scanty elsewhere over West Pakistan.

4. The Table overleaf summarises the rainfall statistics for the eighteen divisions of Pakistan both, for the week and for the period from 1st November 1964 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 31st March, 1965.			Rainfall for the Period from 1st November, 1964 to 31st March, 1965.			
	†Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	0.5	0.7	— 0.2	5.7	6.2	— 0.5	— 7
2. Dacca	0	0.6	— 0.6	3.6	4.7	— 1.0	— 22
3. Khulna	0.8	0.6	+ 0.2	5.8	4.7	+ 1.1	+ 24
4. Rajshahi	0.3	0.3	— 0.1	2.3	2.9	— 0.5	— 18
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.7	0.2	+ 0.5	5.1	4.8	+ 0.3	+ 07
7. Rawalpindi	0.9	0.9	0	15.5	12.8	+ 2.7	+ 21
8. Sargodha	0	0.1	— 0.1	2.7	2.6	+ 0.1	+ 04
9. Multan	0.1	0.1	+ 0.1	1.0	1.6	— 0.6	— 40
10. Bahawalpur	0.1	0	0	0.5	1.1	— 0.7	— 59
11. Peshawar	0.6	0.6	+ 0.1	8.5	9.1	— 0.6	— 07
12. D. I. Khan	0.5	0.7	— 0.1	1.0	4.7	— 3.7	— 79
13. Quetta	0.1	0.2	— 0.1	2.0	5.0	— 2.9	— 59
14. Kalat	0.5	0.1	+ 0.4	3.6	4.9	— 1.3	— 27
15. Karachi	0	0	0	0.4	3.1	— 2.7	— 87
16. Hyderabad	0.5	0	+ 0.5	0.5	0.9	— 0.4	— 44
17. Khairpur	0.1	0	+ 0.1	0.3	1.0	— 0.7	— 73
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 April, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: A western disturbance moved from Bihar and Chota Nagpur to Assam during the first three days of the week. Under its influence widespread rain or thundershowers occurred in Dacca and Khulna divisions, local in Rajshahi division and scattered in Chittagong division on the 2nd and scattered to local in the last two divisions on the 1st and in Chittagong, Khulna and Rajshahi divisions on the 3rd. Thereafter the seasonal trough of low over West Bengal and neighbourhood remained well marked till 6th. It caused scattered thunder-rain activity in Chittagong and Rajshahi divisions on the 4th, in Dacca and Khulna divisions on the 5th and only in Chittagong division on the 6th.

Chief amounts of rainfall recorded were:- Srimangal $3/4"$ on the 1st; Khulna $1\frac{1}{2}"$ and Faridpur and Satkhira $3/4"$ each on the 2nd and Sylhet and Sirajganj $3/4"$ each on the 3rd.

Day temperatures were generally appreciably to markedly below normal over the province outside Chittagong division during the week.

WEST PAKISTAN:- Last week's western disturbance over the northern parts of the province moved away by the 2nd after causing widespread rain or thundershowers with locally moderate to heavy falls in Lahore, Rawalpindi, Sargodha and Peshawar divisions and scattered in D.I. Khan and Multan divisions during the first two days of the week.

Two western disturbances moved thereafter across the province in close succession. In their association mainly local falls occurred in Rawalpindi, Peshawar, D.I. Khan, and Quetta, Kalat and Khairpur divisions between the 3rd and the 5th and fairly widespread to widespread rain or thundershowers with locally moderate to heavy falls in Rawalpindi, Peshawar and D.I. Khan divisions and scattered to local in Lahore, Sargodha, Quetta and Kalat divisions during the last two days of the week.

Noteworthy amounts of rainfall recorded were Rawalpindi, Haripur and Islamabad $2"$ each and Lahore and Cherat $1\frac{1}{2}"$ each and Murree and Kakul $1"$ each on the 1st; Kakul $1"$ on the 4th, Quetta $3/4"$ on the 5th; Cherat and Quetta $1\frac{1}{2}"$ each and Murree $1"$ on the 6th and Murree $2"$, Cherat $1\frac{1}{2}"$ and Islamabad and Kakul $3/4"$ each on the 7th.

Day temperatures were generally markedly to considerably below normal over the northern and central divisions and slightly to appreciably so elsewhere over the province during the week.

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

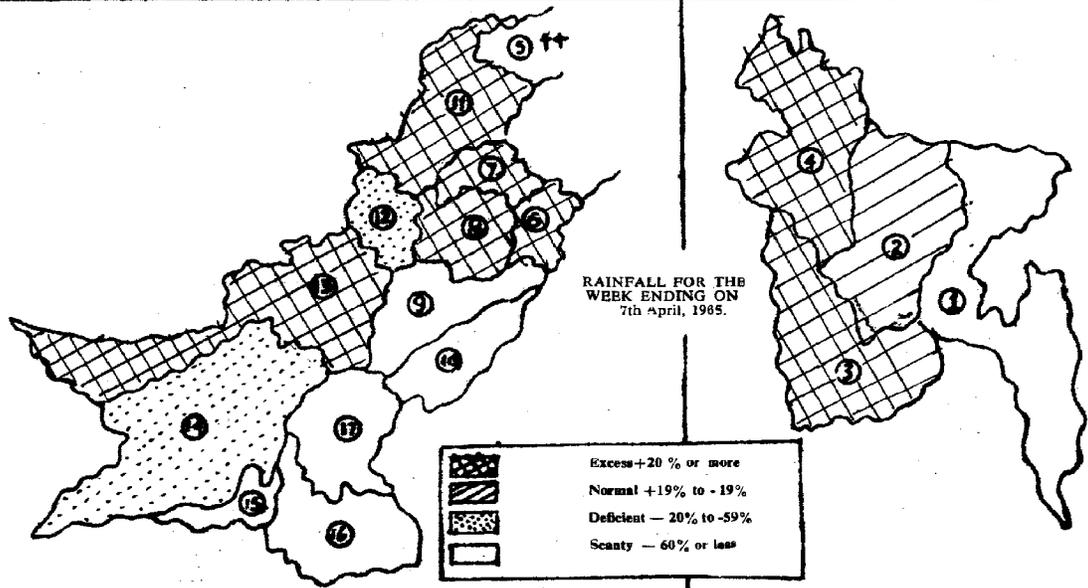
3. Based on data of the stations having normals the week's rainfall and rainfall for the period from 1st April 1965 to-date was in large excess in Khulna, Rajshahi, Lahore, Rawalpindi, Sargodha, Peshawar and Quetta divisions; normal in Dacca division; deficient in D.I. Khan and Kalat divisions and scanty in Chittagong division whereas no rainfall in Multan, Bahawalpur, 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 April 1965 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 7th April 1965.			Rainfall for the Period from 1st April, 1965 to 7th April 1965.			
	† Actual	Normal	* Excess or defect.	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.3	0.9	- 0.6	0.3	0.9	- 0.6	- 63
2. Dacca	0.7	0.7	0	0.7	0.7	0	- 6
3. Khulna	0.9	0.4	+ 0.6	0.9	0.4	+ 0.6	+ 116
4. Rajshahi	0.7	0.4	+ 0.3	0.7	0.4	+ 0.3	+ 84
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	1.3	0.2	+ 1.0	1.3	0.2	+ 1.0	+ 495
7. Rawalpindi	4.0	0.8	+ 3.2	4.1	0.8	+ 3.2	+ 408
8. Sargodha	0.5	0.2	+ 0.3	0.5	0.2	+ 0.3	+ 156
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	3.2	0.5	+ 2.7	3.2	0.5	+ 2.7	+ 571
12. D. I. Khan	0.3	0.4	- 0.1	0.3	0.4	- 0.1	- 26
13. Quetta	0.9	0.2	+ 0.6	0.9	0.2	+ 0.6	+ 286
14. Kalat	0.1	0.2	- 0.1	0.1	0.2	- 0.1	- 31
15. Karachi	0	0.3	- 0.3	0	0.3	- 0.3	- 100
16. Hyderabad	0	0	0	0	0	0	normal
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.



WEST PAKISTAN

- 6. 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

RAINFALL FOR THE PERIOD FROM 1st April, 1965 TO 7th April, 1965.

SCALE 300 MILES=1"

SCALE 100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 14th April, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN. A low pressure area which lay over West Bengal and Chota Nagpur on the 8th moved away across the northern divisions of East Pakistan by the 10th. Under its influence fairly widespread rain or thundershowers occurred in Dacca division and scattered to local elsewhere over the province during the first two days of the week. Thereafter under the influence of a trough of low pressure extending from east Uttar Pradesh to East Pakistan scattered rain or thundershowers occurred in Chittagong division on the 10th and the 11th, in Dacca and Rajshahi divisions on the 12th and in the last named division on the 13th and local to fairly widespread over the province outside Chittagong division on the 14th. A violent norwester swept across Kushtia on the 13th evening causing four deaths blowing away kutcha houses and uprooting trees.

Noteworthy amounts of rainfall recorded were: Khulna $1\frac{1}{2}$ " and Srimangal $1\frac{1}{2}$ " on the 8th; Sylhet 1" on the 9th and 10th and $1\frac{1}{2}$ " on the 11th; Rangpur $1\frac{1}{2}$ " on the 12th and 13th and Dacca 2" and Narayanganj $3\frac{1}{4}$ " on the 14th.

Day temperatures were slightly to appreciably below normal in Rajshahi division during the first four days of the week and on the last day of the week, and nearly normal over the province otherwise during the week.

WEST PAKISTAN: A western disturbance which lay over Kalat and adjoining Quetta divisions on the first day of the week moved away slowly across the central and northern divisions of the province by the 12th. In its association fairly widespread thunder rain activity occurred in Sargodha division and scattered to local in Rawalpindi, Peshawar, D.I. Khan and Quetta divisions on the 8th, scattered in Rawalpindi, Multan and Peshawar divisions during the next two days and local in Quetta and scattered in Peshawar and Kalat divisions on the 11th. Another western disturbance which followed closely lay over Quetta division and adjoining areas on the 12th. It moved away by the end of the week after causing local to fairly widespread rain or thundershowers practically throughout the northern and central divisions and scattered in Kalat division between the 12th and the 13th and scattered in Peshawar division on the 14th.

Chief amounts of rainfall recorded were:- Khushab, Landikotal and Barkhan $1\frac{1}{2}$ " each on the 8th; Leiah $1\frac{1}{2}$ " on the 6th, Dalbandin and Jiwani $1\frac{1}{2}$ " on the 11th; Hindubagh $1\frac{1}{2}$ "; Drosh, Barkhan and Chaman 1" each and Khanpur, Sibi and Kalat $3\frac{1}{4}$ " each on the 12th and Murree, Leiah and Kukul $1\frac{1}{2}$ " each; Drosh 1" and Sargodha and Sialkot $3\frac{1}{4}$ " each on the 13th.

Day temperatures were generally markedly to considerably below normal in the northern and central divisions on the 8th and the 13th, in southern and central divisions on the 12th and the 14th and slightly to appreciably so otherwise over the province during the week.

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

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

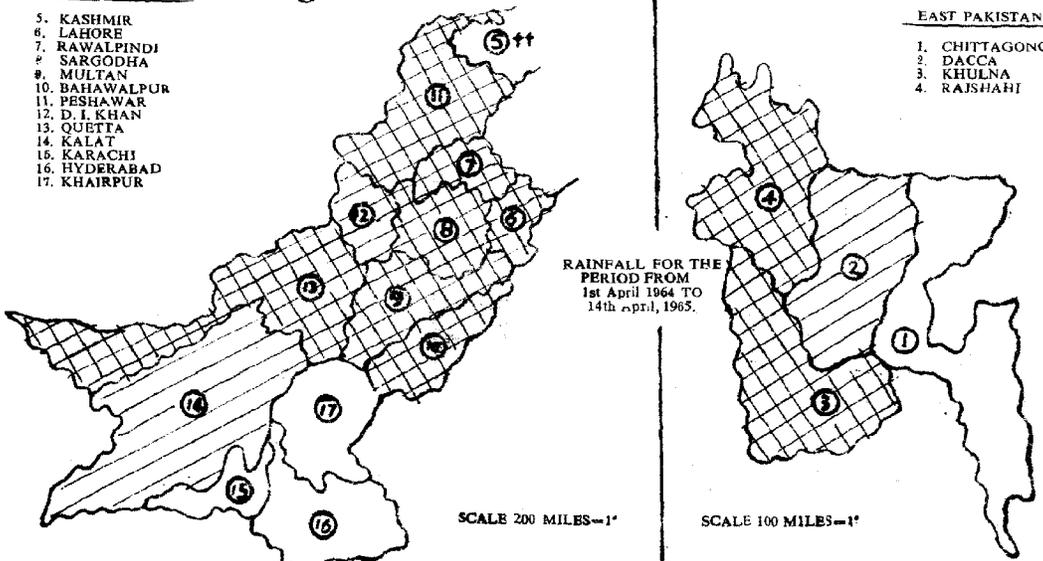
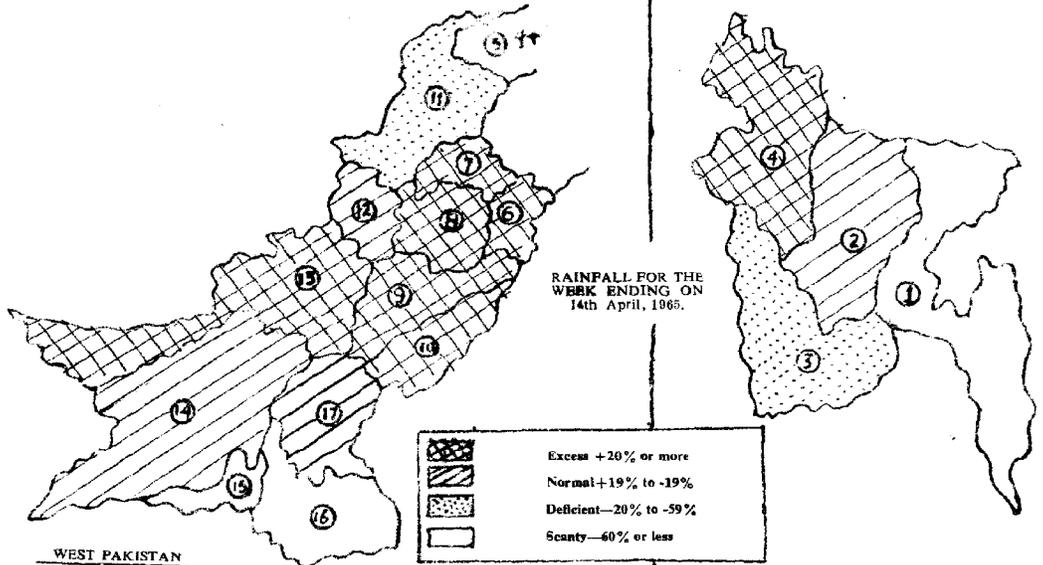
Rainfall for the period from 1st April 1965 to date was in large excess in Rajshahi, Lahore, Rawalpindi, Sargodha, Multan, Peshawar and Quetta divisions; in excess in Khulna and Bahawalpur divisions; normal in Dacca, D.I. Khan and Kalat divisions and scanty in Chittagong division. Whereas no rain fell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

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 14th April, 1965.			Rainfall for the Period from 1st April, 1965 to 14th April, 1965.			
	†Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.3	1.3	- 1.0	0.7	2.2	- 1.5	- 70
2. Dacca	0.9	1.0	- 0.1	1.5	1.7	- 0.2	- 11
3. Khulna	0.5	0.6	- 0.1	1.4	1.0	+ 0.4	+ 43
4. Rajshahi	0.6	0.4	+ 0.2	1.3	0.8	+ 0.5	+ 69
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.4	0.2	+ 0.2	1.6	0.4	+ 1.2	+ 277
7. Rawalpindi	0.7	0.9	+ 0.7	5.7	1.7	+ 3.9	+ 226
8. Sargodha	0.1	0.2	+ 0.7	1.4	0.4	+ 1.0	+ 258
9. Multan	0.3	0.1	+ 0.2	0.3	0.1	+ 0.2	+ 113
10. Bahawalpur	0.2	0.1	+ 0.1	0.2	0.1	+ 0.1	+ 42
11. Peshawar	0.2	0.5	- 0.3	3.5	0.5	+ 2.9	+ 553
12. D. I. Khan	0.3	0.3	0	0.5	0.7	- 0.1	- 18
13. Quetta	0.7	0.2	+ 0.5	1.5	0.4	+ 1.1	+ 258
14. Kalat	0.2	0.2	0	0.3	0.4	0	- 11
15. Karachi	0	0.1	- 0.1	0	0.4	- 0.4	- 100
16. Hyderabad	0	0	0	0	0	0	normal
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"

SCALE 100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 21st April, 1965.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: The seasonal trough of low pressure extending across Orissa to West Bengal and adjoining East Pakistan remained well marked during the first four days of the week. In its association scattered thundershowers occurred in Chittagong division on the 15th, 16th and the 18th and thunderstorms at a number of places in Dacca division on the 16th.

Thereafter a western disturbance moved across the northern divisions of the province during the last three days of the week. It caused fairly widespread to widespread rain or thundershowers in Dacca and Rajshahi divisions and scattered in Chittagong and Khulna divisions on the 20th, scattered only in Chittagong division on the 19th and local over there on the 20th.

A violent norwester of 60 m.p.h hit Khushia district and caused considerable damage to property as reported by the press.

Chief amounts of rainfall recorded were:- Sylhet 3" on the 15th; Dinajpur 3", Pabna 2" and Mymensingh 1" on the 20th and Rangmati, Chittagong and Sylhet 3/4" each on the 21st.

Day temperatures were slightly below normal in Rajshahi division on the 15th and to the same extent above normal elsewhere in the province between the 16th and the 20th.

WEST PAKISTAN: Two western disturbances moved in close succession across the northern divisions of the province during the week. The first one induced a secondary over Kalat division on the 16th which passed off northeastwards across Rajasthan by the 18th.

Under their influence fairly widespread to widespread rain or thundershowers with locally moderate to heavy falls occurred in Quetta, D.I. Khan, Peshawar, Rawalpindi, Sargodha, Multan and Lahore divisions between the 17th and the 20th and scattered to local in Peshawar, Rawalpindi, D.I. Khan and Quetta divisions during the first two days of the week and in Kalat, Karachi and Khairpur divisions during the next two days.

According to press report the heavy rains caused Floods in Kabul River and large scale inundation and considerable loss of property occurred in Peshawar division.

Chief amounts of rainfall recorded were:- Miranshah and Fortsandeman 1" each on the 16th; Chakdara, Kakul, Parachinar and Dalbandin 3/4" each on the 17th, Drosh 3" and Landikotal, Parachinar and Fortsandeman 2" each on the 18th; Murree and Campbellpur 2" each and Islamabad, Rawalpindi, Chakdara, Peshawar, Haripur and Parachinar 1 1/2" each on the 19th and Landikotal 2" and Cherat 1 1/2" on 20th.

Day temperatures were generally appreciably to markedly below normal in the southern and the central divisions during the first three days and markedly below normal in the northern and central divisions and appreciably so in the southern divisions during the rest of the week.

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

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

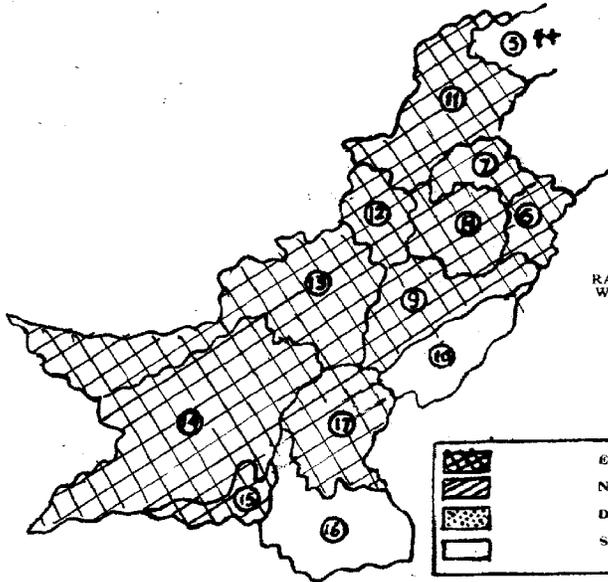
Rainfall for the period from 1st April 1965 to date was in large excess in Rajshahi, Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D.I. Khan, Quetta, Kalat and Khairpur divisions; normal in Bahawalpur division; deficient in Dacca, Khulna, and Karachi divisions and scanty in Chittagong division whereas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

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 1965 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 21st April 1965.			Rainfall for the Period from 1st April, 1965 to 21st April 1965.			
	† Actual	Normal	* Excess or defect.	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.3	1.4	- 1.2	0.9	3.6	- 2.7	- 74
2. Dacca	0.6	1.3	- 0.7	2.1	3.0	- 0.9	- 30
3. Khulna	0	0.9	- 0.9	1.5	1.4	+ 0.9	+ 65
4. Rajshahi	1.0	0.6	+ 0.4	2.3	1.4	+ 0.9	+ 65
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.4	0.2	+ 0.2	2.1	0.6	+ 1.5	+ 245
7. Rawalpindi	2.9	0.7	+ 2.2	8.5	2.4	+ 6.1	+ 254
8. Sargodha	1.3	0.1	+ 1.2	2.7	0.5	+ 2.1	+ 404
9. Multan	1.0	0.1	+ 0.9	1.3	0.2	+ 1.1	+ 487
10. Bahawalpur	0	0.1	- 0.1	0.2	0.2	0	- 11
11. Peshawar	2.6	0.6	+ 2.0	6.1	1.1	+ 4.9	+ 450
12. D. I. Khan	1.6	0.3	+ 1.3	2.1	0.9	+ 1.2	+ 132
13. Quetta	1.8	0.3	+ 1.5	3.3	0.7	+ 2.6	+ 371
14. Kalat	0.4	0.1	+ 0.3	0.7	0.4	+ 0.3	+ 66
15. Karachi	0.2	0	+ 0.2	0.2	0.4	- 0.2	- 51
16. Hyderabad	0	0	0	0	0	0	Normal
17. Khairpur	0.3	0.1	+ 0.3	0.3	0.2	+ 0.1	+ 88
18. Junagadh	—	—	—	—	—	—	—

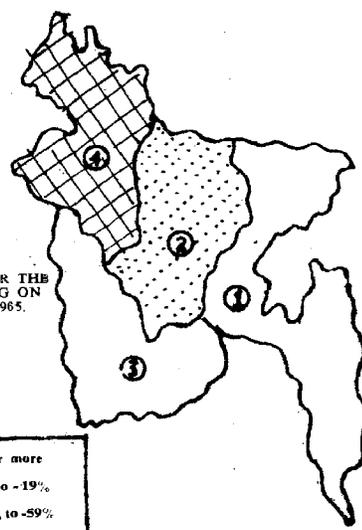
† In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01".
 * Rainfall of stations having no normals is not included. †† Data not available.



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

SCALE 200 MILES=1"



EAST PAKISTAN

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

SCALE 100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours GMT. on Wednesday the 28th April, 1965.

—o:—

SUMMARY OF WEATHER

EAST PAKISTAN: The seasonal trough of low pressure over West Bengal and adjoining areas was well marked during the week. In its association fairly widespread rain or thundershowers occurred in Chittagong division and local in Khulna division on the 22nd and scattered in Chittagong division between the 23rd and the 25th and a few thundershowers there on the 26th and 28th.

Chief amounts of rainfall recorded were: Barisal 3/4" and Rangmati, Maijdee Court and Sylhet 1/2" each on the 22nd and Sylhet 3/4" and Srimangal 1/2" on the 23rd.

Day temperatures were generally slightly to appreciably above normal over the province during the week except on the last two days when these were markedly to considerably so in Dacca and Rajshahi divisions.

WEST PAKISTAN: An active western disturbance which lay over Quetta division and adjoining areas on the first day of the week moved away across the northern and central divisions of the province by the 25th. Under its influence fairly widespread rain or thundershowers occurred in D.I. Khan division and local in Quetta and Kalat divisions on the 22nd and fairly widespread to widespread rain or thundershowers with locally moderate to heavy falls in Lahore, Rawalpindi, Sargodha, Peshawar, D.I. Khan and Quetta divisions; local in Multan division and scattered in Bahawalpur, Kalat and Khairpur divisions during the next two days and local in Rawalpindi and Peshawar divisions on the 25th.

Weather was dry over the province during the rest of the week except on the 26th and the 28th when a few thundershowers or light showers occurred respectively in Rawalpindi and Peshawar divisions under the influence of a trough of low that lay over D.I. Khan and Multan divisions.

Noteworthy amounts of rainfall recorded were:- Barkhan 1" and Chaman 3/4" on the 22nd; Chakdara, Landikotal and Bannu 2" each and Drosh and Parachinar 1 1/4" each on the 23rd; Murree 3" and Islamabad, Haripur and Kakul 2" each on the 24th and Murree 1" on the 25th.

Day temperatures were markedly to considerably below normal over the province outside Karachi and Hyderabad divisions between the 23rd and 25th and appreciably to markedly so over there outside Peshawar, coastal Kalat and Karachi divisions during the rest of the week except on the last day when these were slightly below normal over there.

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

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

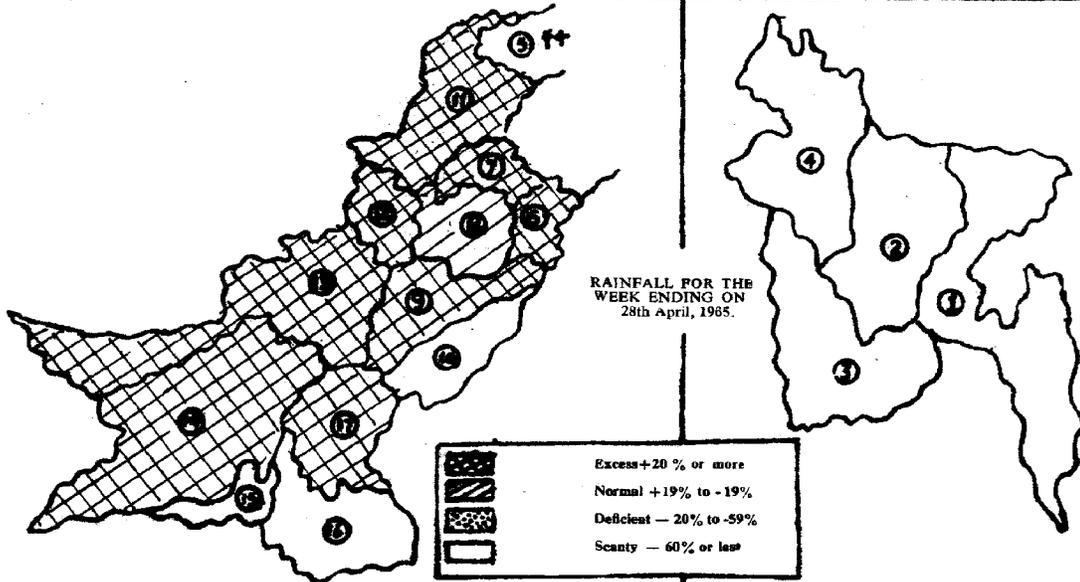
Rainfall for the period from 1st April 1965 to date was in large excess in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D.I. Khan, Quetta and Khairpur divisions; in excess in Kalat division; normal in Rajshahi division; deficient in Dacca, Khulna, Bahawalpur and Karachi divisions and scanty in Chittagong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

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 1965 to date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 28th April 1965.			Rainfall for the Period from 1st April, 1965 to 28th April 1965.			
	↑Actual	Normal	*Excess or defect.	↑Actual	Normal	*Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.4	1.9	- 1.5	1.3	5.1	- 4.2	- 76
2. Dacca	0	1.6	- 1.6	2.1	4.7	- 2.5	- 54
3. Khulna	0.2	1.1	- 0.9	1.7	3.0	- 1.4	- 45
4. Rajshahi	0	1.0	- 1.0	2.3	2.4	- 0.1	- 04
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.3	0.1	+ 0.2	2.4	0.7	+ 1.6	+ 215
7. Rawalpindi	3.2	0.5	+ 2.7	11.7	2.9	+ 8.8	+ 299
8. Sargodha	0.2	0.1	0	2.8	0.7	+ 2.2	+ 322
9. Multan	0.4	0.1	+ 0.3	1.7	0.3	+ 1.4	+ 470
10. Bahawalpur	0	0	0	0.2	0.2	- 0.1	- 23
11. Peshawar	0.9	0.6	+ 0.3	6.1	1.7	+ 4.4	+ 264
12. D. I. Khan	0.4	0.1	+ 0.3	2.7	1.0	+ 1.7	+ 170
13. Quetta	0.8	0	+ 0.8	3.4	0.7	+ 2.7	+ 363
14. Kalat	0.4	0	+ 0.3	0.8	0.5	+ 0.3	+ 58
15. Karachi	0	0	0	0.2	0.4	- 0.2	- 44
16. Hyderabad	0	0.1	- 0.1	0	0.1	- 0.1	- 100
17. Khairpur	0.2	0	+ 0.2	0.5	0.2	+ 0.3	+ 200
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

- 6. 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

RAINFALL FOR THE PERIOD FROM 1st April, 1965 TO 28th April, 1965.

SCALE 200 MILES=1"

SCALE 100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 5th May, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: The seasonal trough of low pressure over West Bengal and adjoining areas became well marked during the last three days of the week. In its association widespread rain or thundershowers with locally moderate to heavy falls and squalls occurred in Chittagong division and scattered in Dacca division on the 5th; local in the former division and fairly widespread in the later on the preceding day and scattered in both the divisions on the 3rd. A few thunderstorms or light showers also occurred in Rajshahi and Khulna divisions on the last day of the week.

Noteworthy amounts of rainfall recorded were: Sylhet 1" on the 3rd, Srimangal 2" on the 4th and Rangamati, Cox's Bazar, Chittagong and Srimangal 3" each on the 5th.

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

WEST PAKISTAN: A western disturbance started affecting the province on the 2nd when it caused scattered light rain in Peshawar division. It moved slowly from Afghanistan to Quetta division and adjoining parts of West Pakistan during the next three days. Under its influence scattered thundershowers occurred in Peshawar division and a few thunderstorms or light showers in Lahore, Rawalpindi, Sargodha and Multan divisions on the 3rd, a few dust or thunderstorms in Multan and Bahawalpur divisions on the 4th and 5th and drizzle or light rain at a few places in Quetta and Peshawar divisions on the last day of the week.

Chief amounts of rainfall recorded were:- Parachinar 1/2" on the 3rd and 1/4" on the 2nd.

Day temperatures were slightly above normal in Peshawar, Karachi, Hyderabad, Multan and Bahawalpur divisions between the 30th and the 2nd and in Multan and Bahawalpur divisions on the 5th and to the same extent below normal in Karachi and Hyderabad divisions on the 3rd and 4th.

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

3. Based on data of the stations having normals, the week's rainfall was normal in Chittagong division and scanty elsewhere in East Pakistan and in Lahore and Quetta divisions

Rainfall for the period from 1st April 1965 to-date was in large excess in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D. I. Khan, Quetta and Khairpur divisions; in excess in Kalat; deficient in Rajshahi, Chittagong, Bahawalpur and Karachi divisions and scanty elsewhere over East 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 April 1965 to-date.

Karachi—11

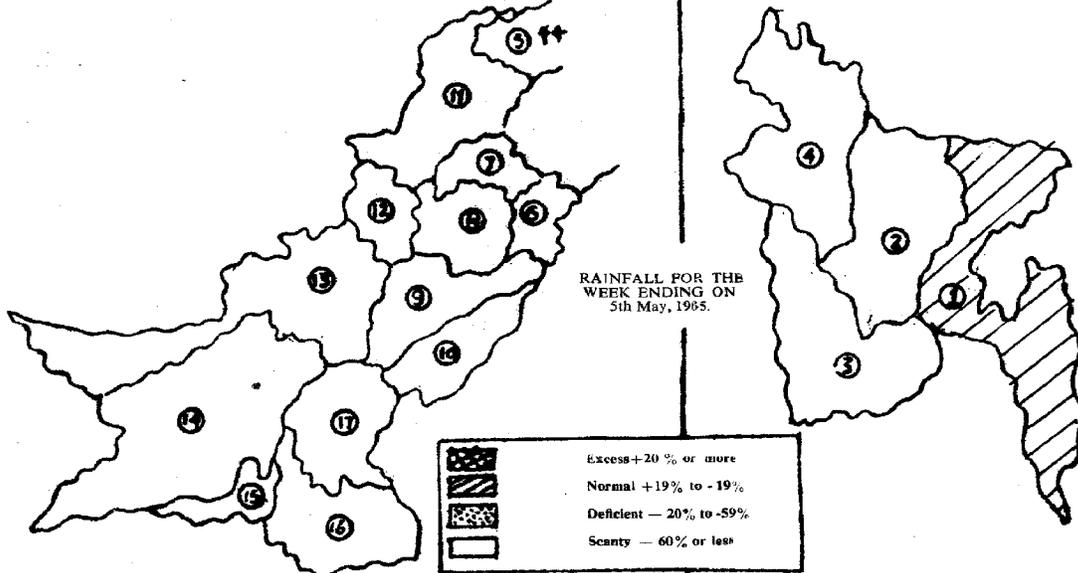
The 5th May, 1965.

SIBTE NABI NAQVI
Director, Meteorological Service

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 5th May 1965.			Rainfall for the Period from 1st April, 1965 to 5th May 1965.			
	† Actual	Normal	* Excess or defect.	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	2.4	2.6	— 0.2	3.7	8.1	— 4.3	— 54
2. Dacca	0.4	1.9	— 1.6	2.5	6.6	— 4.1	— 62
3. Khulna	0	1.5	— 1.5	1.7	4.5	— 2.8	— 63
4. Rajshahi	0	1.2	— 1.1	2.3	3.5	— 1.2	— 35
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.1	— 0.1	2.4	0.9	+ 1.5	+ 163
7. Rawalpindi	0	0.3	— 0.3	11.7	3.2	+ 8.5	+ 265
8. Sargodha	0	0.1	— 0.1	2.8	0.8	+ 2.1	+ 272
9. Multan	0	0.1	— 0.1	1.7	0.3	+ 1.4	+ 389
10. Bahawalpur	0	0	0	0.2	0.2	— 0.1	— 23
11. Peshawar	0	0.2	— 0.3	6.1	1.9	+ 4.2	+ 217
12. D. I. Khan	0	0.1	— 0.1	2.7	1.1	+ 1.6	+ 150
13. Quetta	0	0.1	— 0.1	3.4	0.8	+ 2.6	+ 319
14. Kalat	0	0	0	0.7	0.5	+ 0.3	+ 55
15. Karachi	0	0	0	0.2	0.4	— 0.2	— 41
16. Hyderabad	0	0.1	— 0.1	0	0.1	— 0.1	— 100
17. Khairpur	0	0.1	— 0.1	0.5	0.2	+ 0.3	+ 132
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.

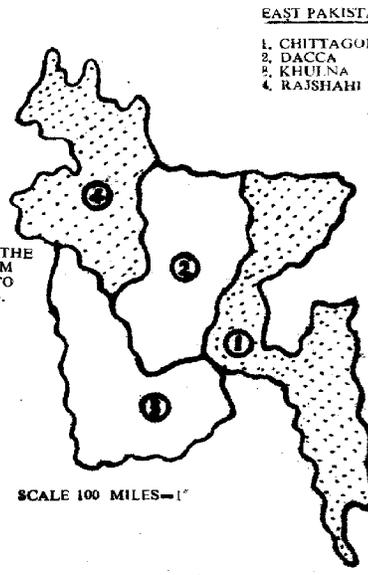
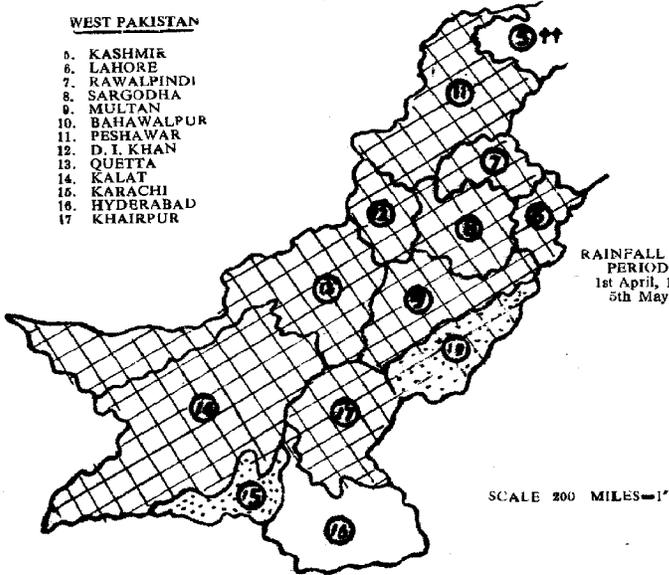


WEST PAKISTAN

- 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. HYDRABAD
- 17. KHAIRPUR

EAST PAKISTAN

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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 12th May, 1965.

—o:O:—

SUMMARY OF WEATHER

EAST PAKISTAN: The seasonal trough of low pressure over West Bengal and neighbourhood was well marked during the first two days of the week. It caused fairly widespread rain or thundershowers in Chittagong and Dacca divisions on the 6th and 7th, in Khulna division only on the 7th and scattered there on the 6th and in Rajshahi division on the 7th.

Rainfall activity decreased thereafter and only scattered falls were experienced in Chittagong and Dacca divisions and local falls in Rajshahi division between the 8th and 10th.

A well marked low pressure area developed in west central and adjoining south Bay of Bengal on the 9th evening. It concentrated into a depression by the next morning centered at 10, 0300 GMT within half a degree of Latitude 16°N and Longitude 86°E. Moving in a northerly direction it intensified into a cyclonic storm the same evening with centre at 10, 1200 GMT within one degree of Latitude 17½°N and 86½° E. Continuing its northnorthwards movement and after further intensification it crossed Sundarban s' coast as a severe cyclonic storm on the night between 11th and 12th May 1965 and was probably centered close to Narayanganj at 0300 GMT on the 12th morning. In its association fairly widespread to widespread rain or thundershowers with locally heavy to very heavy falls occurred practically throughout the province during the last two days of the week. According to available press and radio reports over five thousand persons were killed, over fifty lacs rendered homeless and colossal loss of property, crops and cattle wealth occurred in Noakhly, Faridpur, Comila, Dacca, Baherganj and Khulna districts as a result of the cyclone.

Outstanding amounts of rainfall recorded were: Cox' Bazar 5" Comila, Sylhet, Dacca and Barisal 1½" each on the 6th; Sylhet and Faridpur 2" on the 7th; Dinajpur 1" on the 8th; Narayanganj 1" on the 10th, Cox' Bazar 1½" on the 11th; Dacca 6", Khulna 5" Comila, Faridpur and Jessore 4" each and Mymensingh, Narayanganj and Sirajganj 3" each on the 12th.

Day temperatures were appreciably to markedly above normal over the province on the 10th, slightly so over there on the preceding and succeeding day and markedly to considerably below normal on the 12th.

WEST PAKISTAN: Last week's western disturbance over Quetta and Multan divisions, slowly moved away north eastwards by the 9th. In its association fairly widespread to widespread rain or thundershowers occurred in Lahore, Rawalpindi, Sargodha, Peshwar and D.I. Khan divisions, local in Multan division and scattered in Quetta division during the first two days of the week, fairly widespread in peshawar division, local in Sargodha division and thunderstorms or lightshowers at a number of places in Lahore and Rawalpindi divisions and at a few places in D.I. Khan and Quetta divisions on the 8th and scattered rain or thundershowers in Rawalpindi and peshawar divisions on the 9th.

Another feeble western disturbance moved in close succession across the northern divisions of the province during the last three days of the week and caused scattered thundershowers in Peshawar and Rawalpindi divisions on the 11th and 12th and a few thunderstorms there and in Lahore divisions on the 10th.

Noteworthy amounts of rainfall recorded were:- Landikotal 1½" and Multan and Parachinar 1" each on the 6th, Parachinar 2", Rawalpindi, Murree, and Drosh 1½" each and Islamabad, Peshawar, Kakul and Landikotal 1" each on the 7th and Kakul 1" on the 9th.

Day temperatures were markedly to considerably below normal in the northern and central divisions and slightly so in the southern divisions during the first four days and appreciably to markedly so in the former divisions during the last three days of the week.

2. CHITTAGONG DIVISION :	Widespread, fairly widespread and scattered rainfall on two days each.
DACCA DIVISION :	Widespread and scattered rain fell on one day each and fairly widespread on three days.
KHULNA DIVISION :	Rainfall was widespread on two days and fairly widespread and scattered on one day each.
RAJSHAHI DIVISION :	Widespread rain fell on one day, local on three days and scattered on three days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Widespread rain fell on one day.
RAWALPINDI DIVISION :	Widespread, and fairly widespread rain fell on one day each and scattered on three days.
SARGODHA DIVISION :	Fairly widespread and local rain fell on one day each.
MULTAN DIVISION :	Local rain fell on two days.
BAHAWALPUR DIVISION :	Local rain fell on one day.
PESHAWAR DIVISION :	Widespread rain fell on one day, fairly widespread on two days and scattered on three days.
D. I. KHAN DIVISION :	Fairly widespread and scattered rain fell on one day each.
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 data of the stations having normals, the week's rainfall was in large excess in Chittagong, Dacca, Khulna, Rawalpindi, Multan, Peshawar and D.I. Khan divisions; in excess in Rajshahi, Lahore and Bahawalpur divisions, normal in Sargodha division and deficient in Quetta division whereas no rain fell elsewhere over West Pakistan.

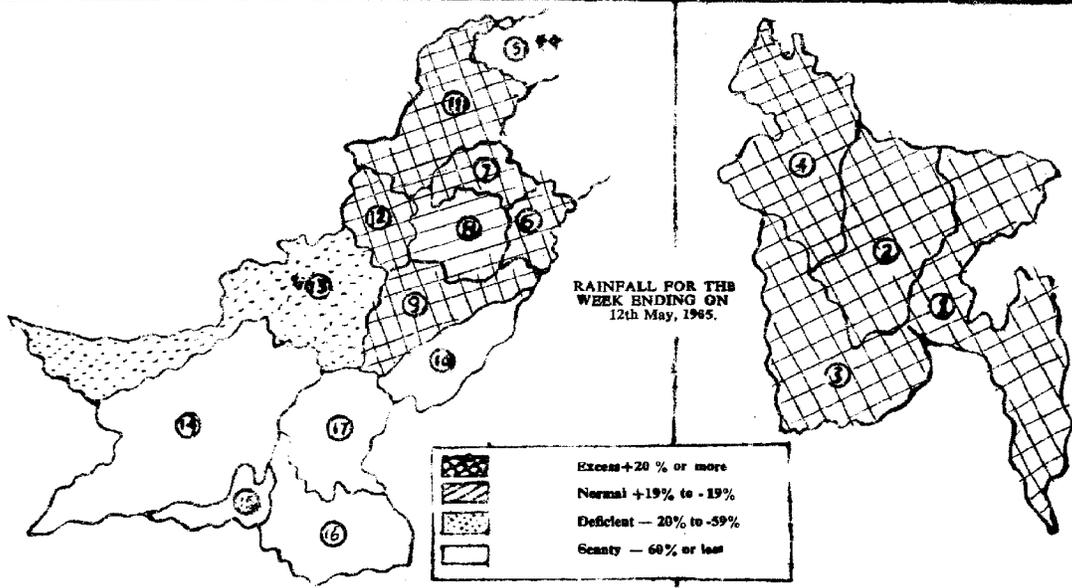
Rainfall for the period from 1st April 1965 to-date was in large excess in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D.I.-Khan, Quetta and Khairpur divisions; in excess in Kalat; normal in Dacca, Khulna and Rajshahi divisions and deficient in Chittagong Bahawalpur and Karachi divisions where as no rain has fallen in Hyderabad divisions.

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

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 12th May 1965.			Rainfall for the Period from 1st April, 1965 to 12th May 1965.			
	↑ Actual	Normal	*Excess or defect.	↑ Actual	Normal	*Excess or defect	
						Inches	Per-Cent
1. Chittagong	4.3	2.5	+ 1.8	8.1	10.6	- 2.6	- 24
2. Dacca	5.1	2.1	+ 3.1	7.6	8.7	- 1.0	- 12
3. Khulna	4.0	1.8	+ 2.2	5.7	6.3	- 0.6	- 9
4. Rajshahi	2.0	1.5	+ 0.6	4.3	5.0	- 0.7	- 13
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.3	0.2	+ 0.1	2.7	1.1	+ 1.6	+ 143
7. Rawalpindi	2.4	0.5	+ 1.9	14.1	3.7	+10.4	+ 278
8. Sargodha	0.1	0.1	0	2.9	0.9	+ 2.1	+ 228
9. Multan	0.6	0.1	+ 0.6	2.3	0.4	+ 1.9	+ 427
10. Bahawalpur	0.1	0	+ 0.1	0.2	0.3	- 0.1	- 26
11. Peshawar	1.2	0.5	+ 0.7	7.3	2.4	+ 4.9	+ 266
12. D. I. Khan	0.3	0.1	+ 0.2	3.0	1.2	+ 1.8	+ 153
13. Quetta	0.1	0.1	0	3.5	0.9	+ 2.6	+ 285
14. Kalat	0	0	0	0.7	0.5	+ 0.2	+ 41
15. Karachi	0	0	0	0.2	0.4	- 0.2	- 43
16. Hyderabad	0	0	0	0	0.1	- 0.1	- 100
17. Khairpur	0	0.1	- 0.1	0.5	0.3	+ 0.2	+ 76
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

RAINFALL FOR THE PERIOD FROM 1st April, 1965 TO 12th May, 1965.

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 19th May, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Last week's cyclonic storm centred near Narayanganj weakened rapidly and moved away northeastwards after causing local rain or thundershowers in Chittagong division and scattered in Dacca and Khulna divisions on the 13th. Thereafter under the influence of the seasonal trough mainly scattered thunder-rain activity continued to occur in the province outside Khulna division during the next four days and local falls in Rajshahi division on the last day of the week.

Chief amounts of rainfall recorded were:- Satkhira 3" and Chittagong 1" on the 13th; Rangpur 2" and Mymensingh 1" on the 14th; Mymensingh 1" on the 15th; Rangpur 1½" on the 16th and 1" on the 17th and Dinajpur ½" on the 19th.

Day temperatures were slightly below normal in the northern parts of the province on the 13th and nearly normal over the province during the rest of the week.

WEST PAKISTAN: A western disturbance which lay over West Afghanistan on the last day of the previous week moved away across the northern parts of West Pakistan by the 14th. In its association scattered thunderstorms or showers occurred in Rawalpindi and Peshawar divisions and a few dust storms in Quetta, D.I. Khan and Multan divisions during the first two days of the week.

Another western disturbance moved thereafter in close succession across the northern and central parts of the province during the last five days of the week. It caused scattered thundershowers in Quetta, D.I. Khan and Peshawar divisions and a few dust or thunderstorms in Kalat, Khairpur, Multan, Bahawalpur, D.I. Khan and Sargodha divisions between the 15th and 17th and scattered thundershowers in Rawalpindi divisions on the 18th and 19th.

Chief amounts of rainfall recorded were:- Parachinar 1½" on the 13th; Barkhan and D.I. Khan ½" each on the 16th and Murree and Fortsandeman ½" each on the 17th and Murree ½" on the 19th.

Day temperatures were slightly to appreciably below normal practically over the whole province on the 13th and 18th, in most of the northern divisions on the 14th, in Sargodha, D.I. Khan, Khairpur, Hyderabad and Kalat divisions on the 15th and mainly in the southern divisions on the 16th and 17th. These were slightly above normal in Peshawar and Rawalpindi divisions on the 16th, in the first named division on the 18th and in Kalat, Quetta and Peshawar divisions on the last day of the week.

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

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

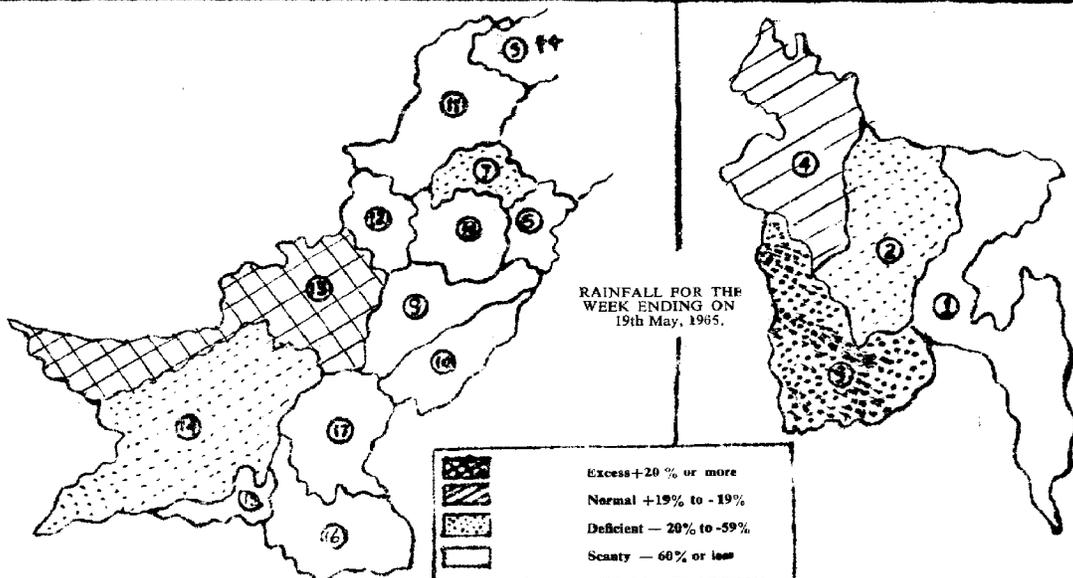
Rainfall for the period from 1st April, 1965 to-date was in large excess in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D.I. Khan and Quetta divisions; in excess in Kalat and Khairpur divisions, normal in Khulna and Rajshahi divisions and deficient in Chittagong, Dacca, Bahawalpur and Karachi divisions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

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 1965 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 19th May 1965.			Rainfall for the Period from 1st April, 1965 to 19th May 1965.			
	† Actual	Normal	* Excess or defect.	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.3	2.4	- 2.1	8.3	13.0	- 4.7	- 63
2. Dacca	1.0	2.0	- 1.0	8.6	10.7	- 2.1	- 32
3. Khulna	0.8	1.4	- 0.6	6.5	7.7	- 1.2	- 16
4. Rajshahi	1.4	1.6	- 0.3	5.7	6.7	- 0.9	- 14
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.2	- 0.2	2.7	1.3	+ 1.4	+ 103
7. Rawalpindi	0.2	0.4	- 0.2	14.4	4.2	+10.2	+ 247
8. Sargodha	0	0.2	- 0.2	2.9	1.1	+ 1.8	+ 163
9. Multan	0	0.1	- 0.1	2.3	0.5	+ 1.8	+ 352
10. Bahawalpur	0	0.1	- 0.1	0.2	0.4	- 0.2	- 39
11. Peshawar	0	0.3	- 0.3	7.3	2.6	+ 4.7	+ 180
12. D. I. Khan	0	0.2	- 0.2	3.0	1.3	+ 1.6	+ 123
13. Quetta	0.1	0.1	0	3.6	1.0	+ 2.6	+ 259
14. Kalat	0.1	0.1	0	0.8	0.6	+ 0.2	+ 38
15. Karachi	0	0	0	0	0.4	- 0.2	- 43
16. Hyderabad	0	0	0	0	0.2	- 0.2	- 100
17. Khairpur	0	0	0	0.5	0.3	+ 0.2	+ 59
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

- 6. 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

RAINFALL FOR THE PERIOD FROM 1st April, 1965 TO 19th May, 1965.

SCALE 200 MILES—1"

SCALE 100 MILES—1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 26th May, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: The seasonal trough of low pressure over West Bengal and neighbourhood was well marked during the first three days of the week. Under its influence fairly widespread rain or thundershowers occurred in Rajshahi division on the 21st, scattered otherwise over the province outside Khulna division between the 20th and 22nd and scattered in the last named division on the 20th.

Conditions became unsettled in the central Bay of Bengal on the 23rd. Cyclonic circulation extending upto 30,000 feet developed there by the next morning and TIROS-9 reports suggested that a depression had formed centred at 24,0300 GMT within one degree of Latitude 14°N and Longitude 86½°E. It moved slowly northeastwards and was centred at 0300 GMT on the last day of the week within a degree of Latitude 17°N and longitude 89°E. During this period rainfall activity decreased over the province and only scattered thundershowers occurred in Chittagong and Rajshahi divisions on the 23rd, in the last named division on the 24th, in Chittagong and Dacca divisions on the 25th and in Khulna and Rajshahi divisions on the 26th and a few thunderstorms in Chittagong and Dacca divisions on the last day.

Chief amounts of rainfall recorded were: Rangpur 1½" on the 20th; Sylhet 2" and Bogra 1½" on the 21st Cox's bazar 1" on the 22nd, Rangpur 5" on the 24th and Sylhet 4" on the 25th.

Day temperatures were slightly below normal in Rajshahi division on the 20th; slightly above normal in Dacca division on the 23rd and in Khulna and southern Chittagong divisions during the last two days of the week.

WEST PAKISTAN: A western disturbance moved to Multan division on the 21st morning and was centred at 0300 GMT close to Leiah. It deepened and lay with its centre close to Sargodha the same evening. Thereafter it remained practically stationary till the next morning, weakened gradually and moved away eastwards by the 24th. Under its influence fairly widespread to widespread rain or thundershowers with locally heavy falls occurred in Lahore, Rawalpindi, Sargodha, Peshawar, and D.I. Khan divisions and scattered to local in Multan, Bahawalpur and Quetta divisions between the 21st and 23rd and fairly widespread in Rawalpindi division, local in Sargodha division, scattered in Peshawar and D.I. Khan divisions on the 24th. The thundershowers were accompanied with violent squalls at most of the places and strong dust raising winds and dust haze enveloped over the rest of the province. According to newspaper reports, the Air services were dislocated and Lahore experienced a hailstorm.

Outstanding amounts of rainfall recorded were: Drosh and Rawalpindi 1" each on the 21st, Drosh 4", Murree, Chakdara, Peshawar, Parachinar 2" each and Cherat, Haripur, Kakul and Landikotal 1½" each on the 22nd; Sargodha 3", Campbellpur, Khushab, Cherat and Bannu 2" each and Jhelum, Rawa pindi, Murree and Landikotal 1½" each on the 23rd and Bannu 1" on the 24th.

Day temperatures were slightly above normal in the northern and central divisions of the province during the first two days and markedly to considerably so over the province outside coastal Kalat, Karachi and Hyderabad divisions during the rest of the week.

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

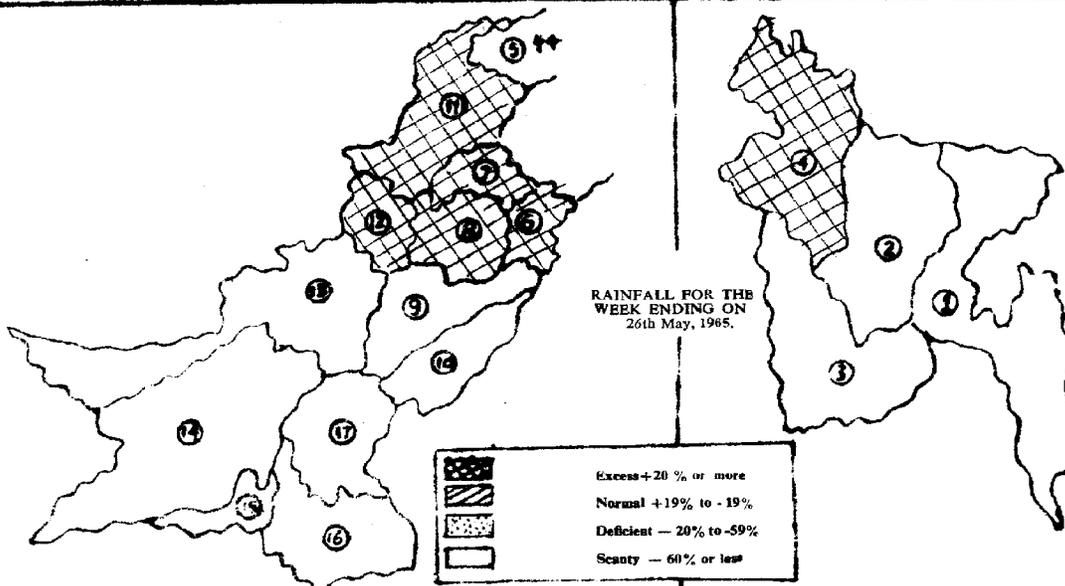
Rainfall for the period from 1st April 1965 to date was in large excess in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D.I. Khan, Quetta and Khairpur divisions; in excess in Kalat division; normal in Rajshahi division and deficient elsewhere over the country outside Hyderabad division where no rain 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 1965 to-date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 26th May 1965.			Rainfall for the Period from 1st April, 1965 to 26th May 1965.			
	† Actual	Normal	* Excess or defect.	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.4	3.0	- 2.6	8.7	16.0	- 7.3	- 46
2. Dacca	0.3	2.7	- 2.3	8.9	13.3	- 4.4	- 33
3. Khulna	0.1	1.8	- 1.7	6.6	9.5	- 3.0	- 31
4. Rajshahi	3.2	2.3	+ 0.9	9.0	8.9	0	Nor
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.8	0.2	+ 0.6	3.5	1.5	+ 2.0	+ 135
7. Rawalpindi	4.3	0.5	+ 3.8	18.7	4.7	+14.0	+ 298
8. Sargodha	1.7	0.1	+ 1.6	4.6	1.2	+ 3.4	+ 281
9. Multan	0	0.1	- 0.1	2.3	0.6	+ 1.7	+ 279
10. Bahawalpur	0	0.1	- 0.1	0.2	0.5	- 0.3	- 49
11. Peshawar	3.6	0.1	+ 3.5	10.9	2.8	+ 8.1	+ 294
12. D. I. Khan	0.4	0.2	+ 0.3	3.4	1.4	+ 1.9	+ 136
13. Quetta	0	0.1	- 0.1	3.6	1.1	+ 2.5	+ 224
14. Kalat	0	0	0	0.8	0.6	+ 0.2	+ 35
15. Karachi	0	0	0	0.2	0.4	- 0.2	- 44
16. Hyderabad	0	0.1	- 0.1	0	0.2	- 0.2	- 100
17. Khairpur	0	0	0	0.5	0.3	+ 0.2	+ 60
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

RAINFALL FOR THE PERIOD FROM 1st April, 1965 TO 26th May, 1965.

SCALE 200 MILES = 1"

SCALE 100 MILES = 1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 2nd June, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Last week's depression in the Central Bay of Bengal continued moving slowly northeastwards and caused scattered to local rain thundershowers in Chittagong division between the 27th and the 30th. It gradually intensified into a cyclonic storm and was centred on the 31st morning near Latitude $19\frac{1}{2}^{\circ}$ N and Longitude $90\frac{1}{4}^{\circ}$ E. Thereafter moving northwards, it crossed Sunderbans coast in the early hours of the 1st, weakened and lay as a deep depression at 0300 GMT near Dacca the same night it moved away northwards across the province. Under its influence fairly widespread to widespread rain or thundershowers occurred in Chittagong, Dacca and Khulna divisions on the 1st and local to fairly widespread practically in the whole province on the 31st and the 2nd and in Rajshahi division on the 1st.

Noteworthy amounts of rainfall recorded were:— Majjdee Court 2" on the 28th; Srimangal 2" on the 30th; Narayanganj 3" and Majjdee Court and Dacca 2" each on the 31st; Dacca 4" and Sirajganj 2" on the 1st and Chittagong and Dinajpur 3" on the 2nd.

Day temperatures were considerably above normal in Rajshahi division on the 28th, appreciably to markedly so practically in the whole province on the last four days and slightly to appreciably so otherwise in the province on the first three days of the week.

WEST PAKISTAN: The seasonal trough of low pressure extending from Kalat to D. I. Khan division became well marked on the last day of the week and caused scattered thunderstorms in Sargodha division and a few duststorms in Bahawalpur division on the 2nd. Weather was otherwise dry over the province.

Day temperatures were slightly to appreciably below normal practically in the whole province on the 27th; in Quetta, D.I. Khan, Rawalpindi, Lahore, and Sargodha divisions on the 29th and appreciably to markedly so in these divisions on the 28th and only in Quetta division on the 2nd. These were appreciably to markedly above normal in Peshawar division on the 31st and in Peshawar, D. I. Khan, Multan and Sargodha divisions on the 1st and slightly to appreciably so in Peshawar division on the 30th and in Peshawar and Khairpur divisions on the 2nd.

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

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

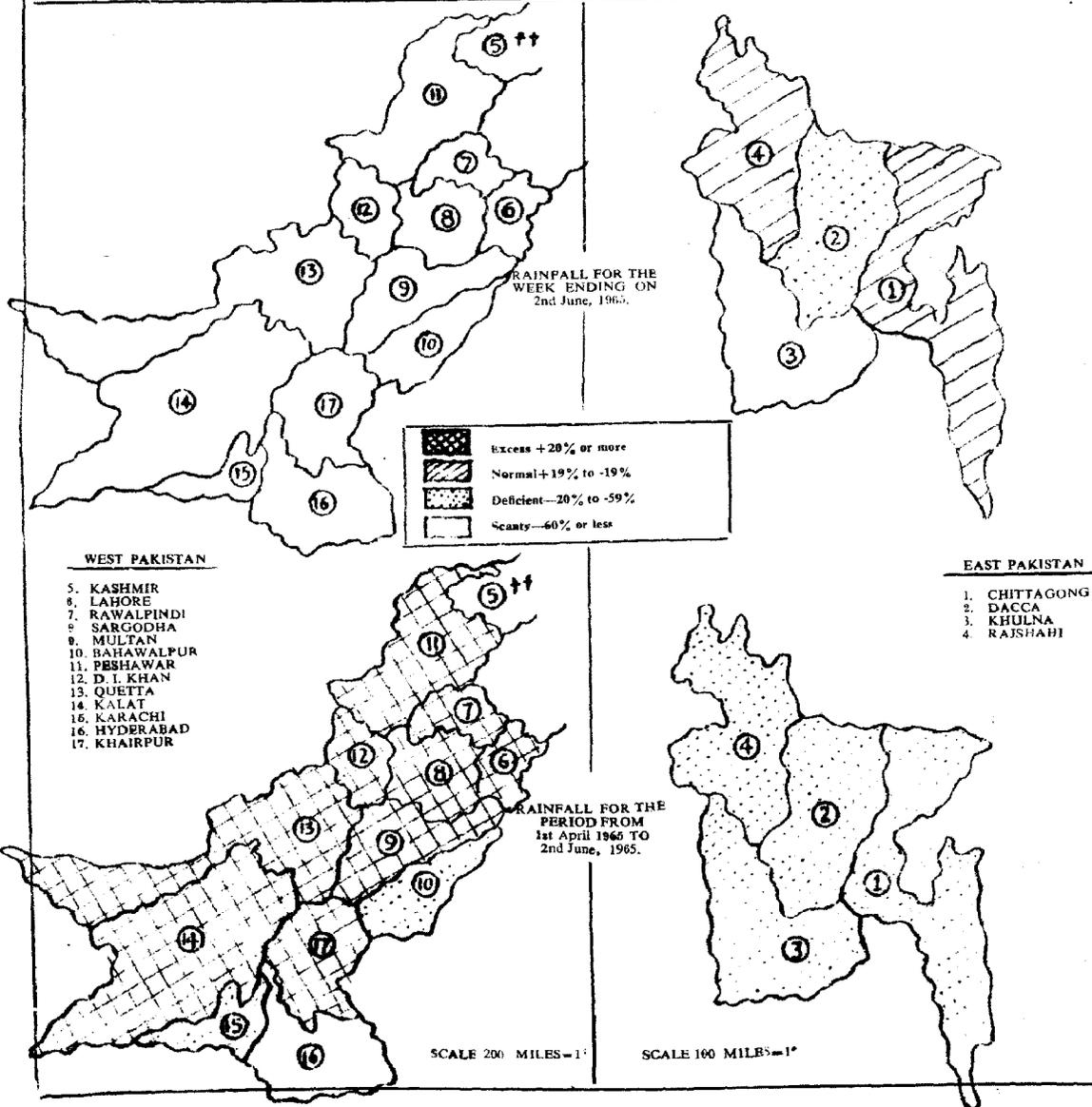
Rainfall for the period from 1st April, 1965 to 31st May, 1965 was in large excess in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D. I. Khan and Quetta divisions; excess in Kalat and Khairpur division and deficient in East Pakistan and in Bahawalpur, Karachi divisions, whereas no rain fell in Hyderabad division.

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, 1965 to 31st May, 1965.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 2nd June, 1965.			Rainfall for the Period from 1st April, 1965 to 31st May, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	3.9	3.8	+ 0.1	10.9	18.6	- 7.7	- 41
2. Dacca	2.6	3.3	- 0.7	10.0	15.7	- 5.7	- 37
3. Khulna	0.7	2.2	- 1.5	6.7	11.2	- 4.5	- 40
4. Rajshahi	2.1	2.4	- 0.3	9.0	11.4	- 2.4	- 21
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	3.5	1.6	+ 1.9	+ 115
7. Rawalpindi	0	0.3	- 0.3	18.7	7.0	+ 11.7	+ 168
8. Sargodha	0	0.1	- 0.1	4.6	1.3	+ 3.3	+ 252
9. Multan	0	0.1	- 0.1	2.4	0.7	+ 1.7	+ 251
10. Bahawalpur	0	0	0	0.2	0.5	- 0.3	- 52
11. Peshawar	0	0.2	- 0.2	10.9	2.9	+ 8.0	+ 275
12. D. I. Khan	0	0.1	- 0.1	3.4	1.5	+ 1.9	+ 128
13. Quetta	0	0.1	- 0.1	3.6	1.2	+ 2.4	+ 208
14. Kalat	0	0	0	0.8	0.6	+ 0.2	+ 35
15. Karachi	0	0	0	0.2	0.4	- 0.2	- 45
16. Hyderabad	0	0	0	0	0.3	- 0.3	- 100
17. Khairpur	0	0	0	0.5	0.3	+ 0.2	- 59
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 June, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon temporarily advanced into the East Pakistan in the wake of last week's cyclonic storm. It remained active during the first three days and caused fairly widespread to widespread rain or thundershowers with locally heavy to very heavy falls in the province on the 5th and in Dacca and Chittagong divisions on the 3rd and 4th. Scattered to local rain also fell in Rajshahi division on the last two days.

Thereafter monsoon activity slackened and scattered to local thunderstorms or showers occurred practically over the whole province on the 6th and 9th and only in Chittagong division on the 7th and 8th.

Noteworthy amounts of rainfall recorded were: Srimangal 8", Sylhet 5" and Maijdee Court 3" on the 3rd; Sylhet 3", Dacca 2" and Rangamati, Comila and Faridpur 1½" each on the 4th; Rangmati 4", Pabna 3" and Cox' Bazar, Comila and Brahmanbaria 2" each on the 5th and Chittagong and Sylhet 2" each on the 6th.

Day temperatures were slightly above normal in Rajshahi and Khulna divisions during the first two days and practically over the whole province during the last three days of the week. These were slightly below normal in Dacca and Chittagong divisions between the 4th and the 6th.

WEST PAKISTAN:- The seasonal trough of low pressure extending from Kalat division to Sargodha and Multan divisions remained well marked practically throughout the week. In its association scattered to local rain or thundershowers or duststorms occurred in Rawalpindi, Sargodha, Multan and Peshawar divisions between the 4th and 6th and again on the 9th; in Bahawalpur division on the 5th; in Quetta divisions on the 6th and 8th; in Rawalpindi and Peshawar divisions on the 7th and a few thunderstorms in Quetta, Kalat and Khairpur divisions on the 9th.

Chief amounts of rainfall recorded were: Parchinar 3/4" on the 4th; Lyallpur and Khanpur 1/2" each on the 5th; Murree 2"; Parachinar 1" and Kakul 3/4" on the 6th; Haripur 3/4" on the 7th and Peshawar 1½" on the 9th.

Day temperatures were generally appreciably to markedly below normal over West Pakistan outside Karachi, coastal Kalat and Hyderabad divisions during the last five days of the week.

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

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

Rainfall for the period from 1st June 1965 to date was in large excess in Rawalpindi, Multan Bahawalpur and D.I. Khan divisions; in excess in Chittagong division normal in Dacca, Rajshahi and Peshawar divisions; deficient in Khulna division and scanty in Lahore division.

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 1965 to date.

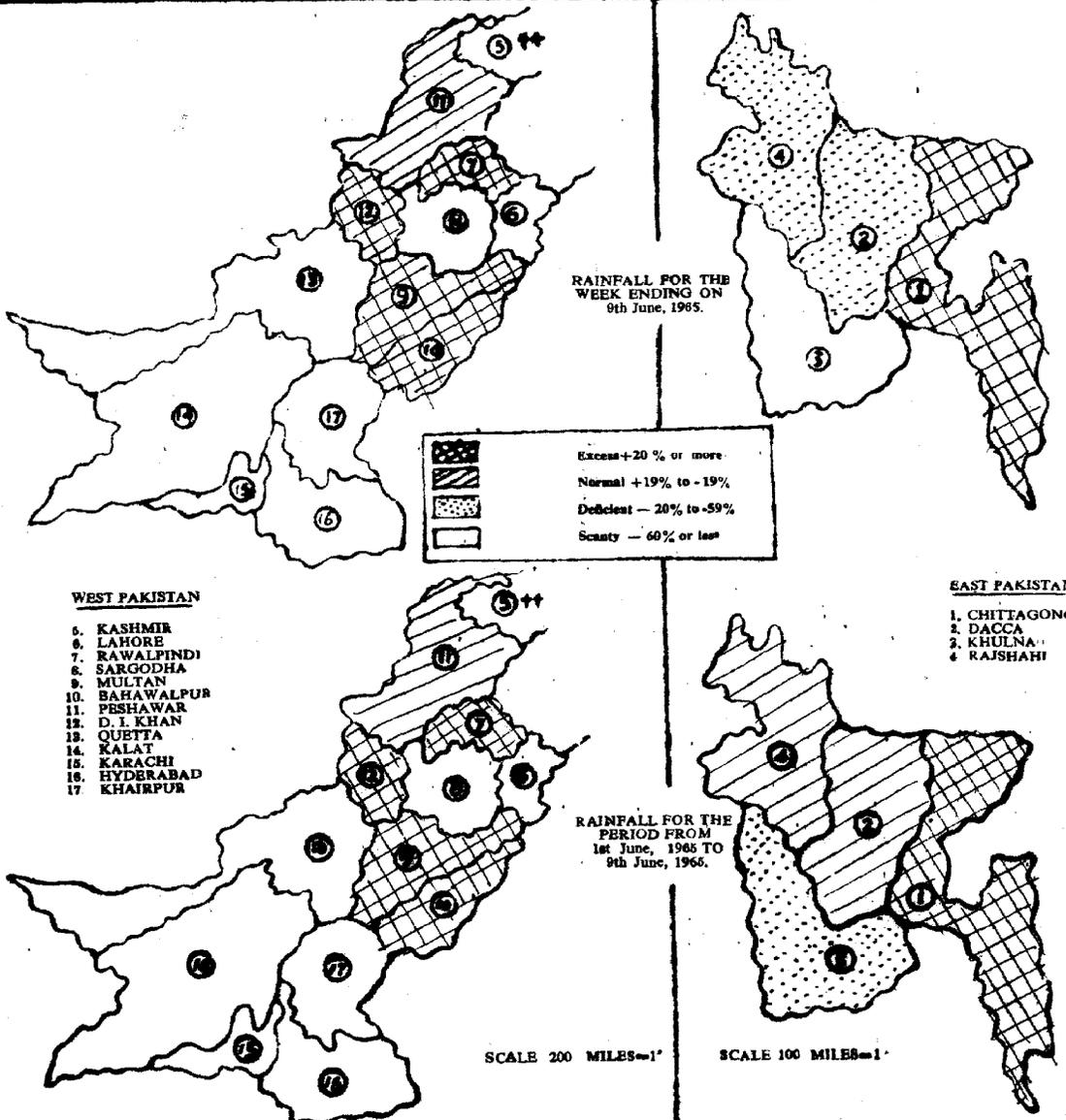
Karachi—11
The 9th June, 1965.

MOHD. SHABBAR
Acting Director, Meteorological Service

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 9th June 1965.			Rainfall for the Period from 1st June, 1965 to 9th June 1965.			
	† Actual	Normal	* Excess or defect.	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	5.3	3.7	+ 1.5	7.0	5.0	+ 2.0	+ 40
2. Dacca	2.4	3.2	- 0.9	4.9	4.1	+ 0.8	+ 13
3. Khulna	0.5	2.2	- 1.7	1.3	2.7	- 1.5	- 55
4. Rajshahi	1.7	2.8	- 1.2	3.7	3.8	- 0.1	- 2
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	0	0.1	- 0.1	- 91
7. Rawalpindi	1.4	0.4	+ 1.0	1.4	0.5	+ 0.9	+ 187
8. Sargodha	0	0.1	- 0.1	0	0.1	- 0.1	- 82
9. Multan	0.1	0	+ 0.1	0.1	0	+ 0.1	+ 200
10. Bahawalpur	0.3	0	+ 0.2	0.3	0	+ 0.2	+ 800
11. Peshawar	0.2	0.2	0	0.2	0.2	0	- 5
12. D. I. Khan	0.1	0.1	+ 0.1	0.2	0.1	+ 0.1	+ 88
13. Quetta	0	0	0	0	0.1	- 0.1	- 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	0.1	- 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 16th June, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: An easterly low pressure area moved into the central and North Bay of Bengal in the beginning of the week. It moved slowly westnorthwestwards and merged with the seasonal trough of low pressure over Orissa and West Bengal by the end of the week. In its association scattered to local rain or thundershowers occurred in Chittagong division between the 10th and the 13th, in Khulna and Rajshahi divisions during the first three days and in these and in Dacca division during the last two days of the week and fairly widespread to widespread and locally moderate to heavy rainfall in Chittagong division between the 14th and the 16th.

Noteworthy amounts of rainfall recorded were:- Jessore 1" and Sylhet $\frac{1}{2}$ " on the 10th; Dinajpur 1" and Rangpur $\frac{3}{4}$ " on the 11th, Sylhet and Bogra $\frac{3}{4}$ " each on the 12th; Rangmati and Brahmanbaria 2" each and Srimangal $1\frac{1}{4}$ " on the 14th; Rangamati 3"; Chittagong and Dinajpur 2" each and Cox's Bazar, Comilla and Rangpur $1\frac{1}{4}$ " each on the 15th and Cox's Bazar 4", Sylhet and Rangamati 3" each and Chittagong 2" on the 16th.

Day temperatures were generally slightly to appreciably above normal over the province during the first six days of the week and to the same extent below normal in Dacca, Chittagong and Rajshahi divisions on the last day.

WEST PAKISTAN: A western disturbance moved across the extreme north of the province during the last two days of the week it caused scattered light thundershowers in Peshawar division on the 16th and a few dust or thunderstorms in Rawalpindi, Sargodha, D. I. Khan and Quetta divisions on the preceding day. Weather was otherwise mainly dry over the province.

Day temperatures were slightly below normal in Quetta, Khairpur and Kalat divisions between the 10th and 12th and in Lahore, Rawalpindi, Sargodha, Multan and D. I. Khan divisions between the 13th and 16th.

2. CHITTAGONG DIVISION :	Widespread rain fell on two days; fairly widespread and local on one day each and scattered on three days.
DACCA DIVISION :	Scattered rain fell on two days each.
KHULNA DIVISION :	Rainfall was local and scattered on two days each.
RAJSHAHI DIVISION :	Local rain fell on one day and scattered on four days.
KASHMIR :	Data not available.
LAHORE DIVISION :	} Weather remained dry.
RAWALPINDI DIVISION :	
SARGODHA DIVISION :	
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 data of stations having normals, the week's rainfall was deficient in Chittagong and Rajshahi divisions and scanty elsewhere over East Pakistan whereas no rain fell in West Pakistan outside Peshawar division.

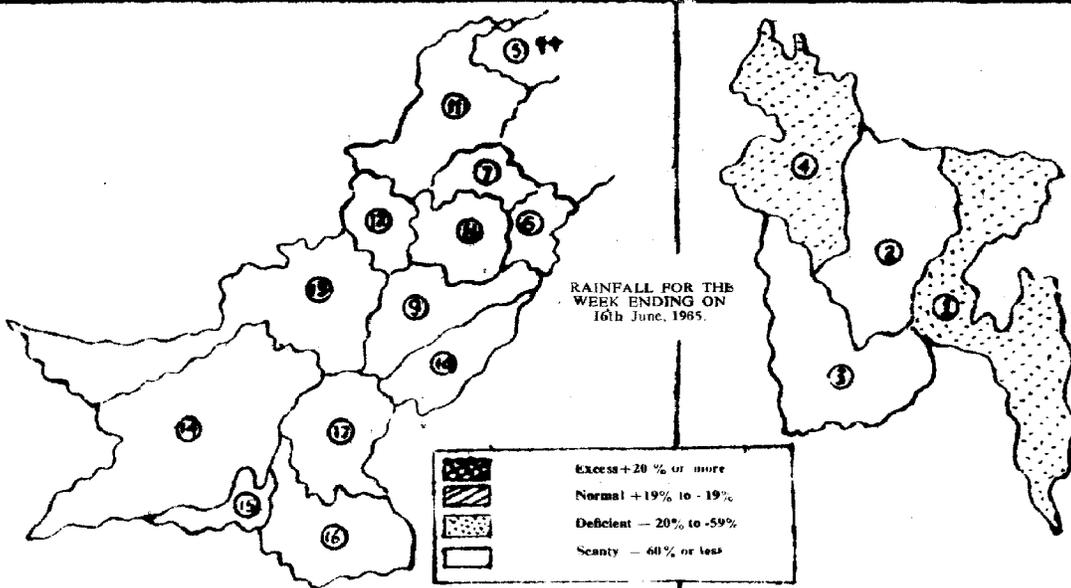
Rainfall for the period from 1st June 1965 to-date was in large excess in Bahawalpur division in excess in Rawalpindi division; normal in Chittagong division deficient in Dacca, Rajshahi, Peshawar and D. I. Khan divisions and scanty in Khulna, Lahore, Multan and Sargodha divisions whereas no rain fell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

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

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 16th June 1965.			Rainfall for the Period from 1st June, 1965 to 16th June 1965.			
	† Actual	Normal	* Excess or defect.	† Actual	Normal	* Excess or defect	
						Inches	Per-Cent
1. Chittagong	4.9	6.3	+ 1.4	11.9	11.9	+ 0.6	+ 5
2. Dacca	0.2	4.3	- 4.2	5.1	8.5	- 3.4	- 40
3. Khulna	0.9	3.5	- 2.6	2.1	6.2	- 4.1	- 66
4. Rajshahi	1.6	4.0	- 2.4	5.3	7.8	- 2.5	- 32
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.2	- 0.2	0	0.3	- 0.3	- 97
7. Rawalpindi	0	0.6	- 0.6	1.4	1.1	+ 0.3	+ 26
8. Sargodha	0	0.3	- 0.3	0	0.4	- 0.4	- 95
9. Multan	0	0.3	- 0.3	0.1	0.3	- 0.2	- 70
10. Bahawalpur	0	0.1	- 0.1	0.3	0.1	+ 0.2	+ 146
11. Peshawar	0	0.2	- 0.2	0.2	0.4	- 0.2	- 50
12. D. I. Khan	0	0.1	- 0.1	0.1	0.2	- 0.1	- 35
13. Quetta	0	0.1	- 0.1	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	0.1	- 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.



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 June, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Pronounced monsoon activity over Chittagong division at the end of the previous week continued there on the first day of the week and gradually extended to the rest of the province during the next two days. As a consequence fairly widespread rain or thundershowers with locally heavy to very heavy falls occurred practically over the whole province on the 19th, in Chittagong and Dacca divisions on the 18th and only in the former on the 17th and scattered to local in Khulna and Rajshahi divisions during the last two days. Thereafter a low pressure area moved northwestwards across the North Bay of Bengal and caused weakening of the monsoon in East Pakistan where rain or thundershowers occurred locally in Chittagong and Rajshahi divisions on the 20th and over the whole province on the 21st. The monsoon was however active again during the last two days of the week and caused fairly widespread rain or thundershowers with locally moderate to heavy falls over the province on the 23rd and in Chittagong, Khulna and Rajshahi divisions on the preceding day.

Noteworthy amounts of rainfall recorded were:—Brahmanbaria 7", Comilla and Sylhet 6" each, Srimangal and Cox's Bazar 4" each and Rangamati 3" on the 17th; Cox's Bazar 6", Brahmanbari 5", Chittagong 4" and Sylhet and Srimangal 2" each on the 18th; Satkhira 4", Comilla, Narayanjan and Mymensingh 3" each and Khulna and Jessore 2" on the 19th; Sylhet and Rangpur 1½" each on the 21st; Jessore and Sirajganj 2" each on the 22nd and Comilla and Mymensingh 4" each and Srimangal and Faridpur 2" each on the 23rd.

Day temperatures were appreciably below normal in Chittagong and Dacca divisions on the 17th and 18th and practically over the whole province on the 19th and slightly below normal in Khulna and Dacca divisions on the 23rd. These were appreciably above normal over the province outside Rajshahi division on the 21st and practically normal during the rest of the week.

WEST PAKISTAN: Last week's western disturbance over the extreme north of the province moved away after causing scattered thunderstorms in Rawalpindi, Sargodh, Bahawalpur and Peshawar divisions on the 17th and only in the last named division on the 18th.

Another western disturbance started affecting the northern parts of the province at the end of the week and caused scattered thunderstorms or light showers in Rawalpindi, D. I. Khan and Pesawar divisions on the last day.

Day temperatures were appreciably below normal in Quetta division on the 17th and 18th and slightly so in Khairpur, Quetta, Bahawalpur and D. I. Khan divisions on the 23rd. These were appreciably above normal in Peshawar, Sargodh, Lahore and Multan divisions during the first two days and last day of the week and over the province outside Khairpur, Karachi and Quetta divisions between the 19th and 22nd.

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

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

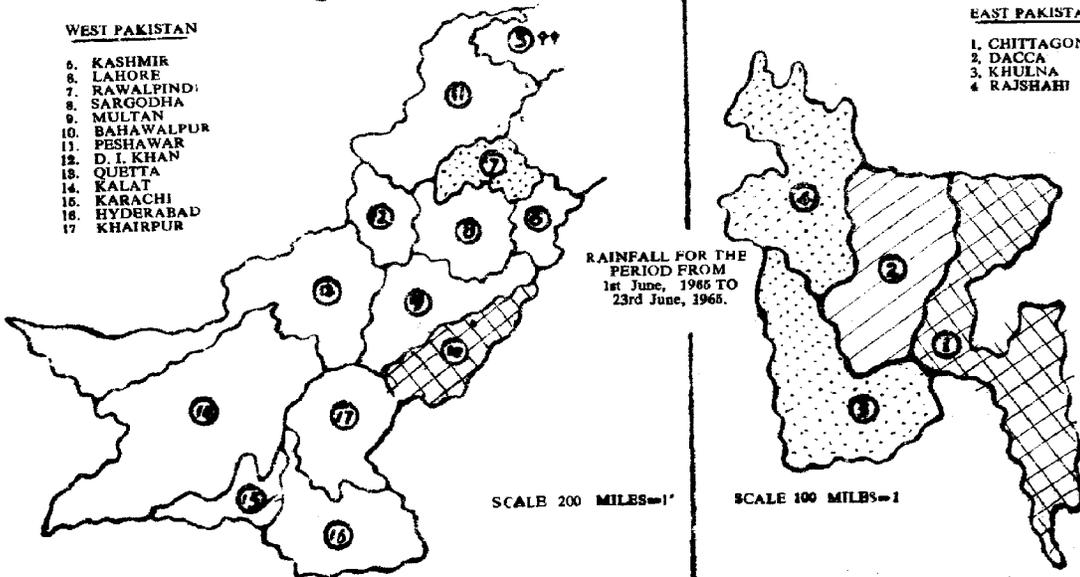
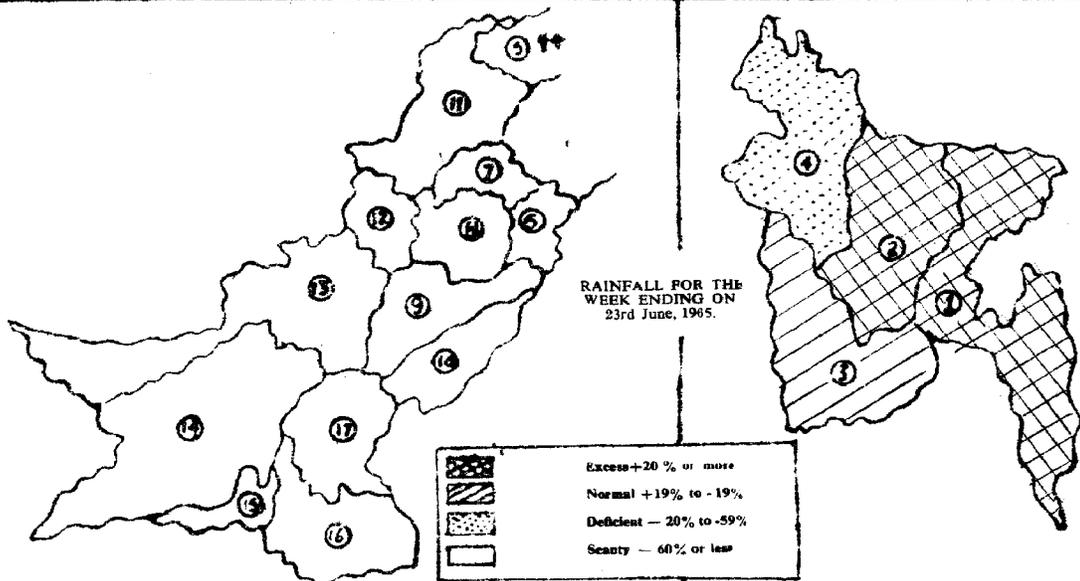
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong and Bahawalpur divisions; normal in Dacca division; deficient in Khulna, Rajshahi and Rawalpindi divisions and scanty in Lahore, Sargodh, Multan, Peshawar and D. I. Khan divisions whereas no rain has fallen elsewhere over 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 1965 to date.

WEEKLY WEATHER REPORT

Division	Rainfall for week ending the 23rd June 1965.			Rainfall for the Period from 1st June, 1965 to 23rd June 1965.			
	Actual	Normal	*Excess or defect.	Actual	Normal	*Excess or defect	
						Inches	Per-Cent
1. Chittagong	9.9	5.5	+ 4.3	21.8	16.9	+ 4.9	+ 23
2. Dacca	5.1	3.4	+ 1.7	10.2	11.8	- 1.7	- 14
3. Khulna	3.8	3.8	0	5.2	10.0	- 4.1	- 41
4. Rajshahi	2.7	3.6	- 0.9	8.0	11.4	- 3.4	- 30
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.8	- 0.8	0	1.1	- 1.1	- 99
7. Rawalpindi	0.1	0.8	- 0.7	1.5	1.9	- 0.4	- 20
8. Sargodha	0	0.3	- 0.3	0	0.7	- 0.7	- 97
9. Multan	0	0.3	- 0.3	0.1	0.6	- 0.5	- 84
10. Bahawalpur	0	0.1	- 0.1	0.3	0.2	+ 0.1	+ 50
11. Peshawar	0	0.1	- 0.1	0.2	0.5	- 0.3	- 63
12. D. I. Khan	0	0.2	- 0.2	0.2	0.5	- 0.3	- 67
13. Quetta	0	0.1	- 0.1	0	0.2	- 0.2	- 100
14. Kalat	0	0.1	- 0.1	0	0.1	- 0.1	- 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	0.1	- 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 30th June, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon continued to be active and caused fairly widespread rain or thundershowers in East Pakistan with locally heavy falls in Chittagong, Dacca and Khulna divisions practically throughout the week and in Rajshahi division on the 24th and the 26th.

Chief amounts of rainfall recorded were: Dinajpur 9", Faridpur and Jessore 3" each and Chittagong, Comilla, Narayanganj and Dacca 2" each on the 24th; Rangamati and Dinajpur 1" each on the 25th; Cox's Bazar 3" and Majidce Court, Faridpur and Rajshahi 1½" each on the 26th; Dacca, Barisal and Khulna 3" each and Chittagong and Sirajganj 2" each on the 27th; Chittagong 4" and Cox's Bazar 3" on the 28th; Cox's Bazar 4" and Khulna 2" on the 29th and Jessore 10", Cox's Bazar 9", Comilla and Saikhira 6" each, Chittagong, Barisal and Khulna 5" each and Rangamati, Sylhet, Srimangal, Narayanganj, Dacca and Faridpur 2" each on the 30th.

Day temperatures were slightly to appreciably below normal in Khulna division during the first three days and practically over the whole province during the rest of the week.

WEST PAKISTAN: Last week's western disturbance moved away across Rawalpindi division and Kashmir by the 25th. Under its influence scattered to local thunderstorms or light showers occurred in Peshawar, D. I. Khan, Rawalpindi and Lahore divisions during the first two days of the week. Parachinar recorded ½" rain on the 25th. Thereafter in association with the accentuation of the seasonal trough of low pressure over the province a few thunderstorms occurred in Peshawar and Rawalpindi divisions on the 26th and in Sargodha and Multan divisions respectively on the 27th and 28th.

A feeble western disturbance moving across the extreme north of the province towards the end of the week caused a few thunderstorms in Rawalpindi division on the last day.

Day temperatures were slightly below normal in Rawalpindi, D. I. Khan, Multan, Quetta, Kalat and Khairpur divisions during the first two days of the week and slightly to appreciable above normal in Lahore and Sargodha divisions on the 26th and practically throughout the northern and central divisions during the rest of the week.

2. CHITTAGONG DIVISION :	Widespread rain fell on one day and fairly widespread on six days.
DACCA DIVISION :	Widespread rain fell on six days and fairly widespread on one day.
KHULNA DIVISION :	Widespread rain fell on four days and fairly widespread on three days.
RAJSHAHI DIVISION :	Rainfall was fairly widespread on two days and local on five days.
KASHMIR :	Data not available.
LAHORE DIVISION :	weather remained dry.
RAWALPINDI DIVISION :	Rainfall was local on one day.
SARGODHA DIVISION :	} Weather was mainly dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	weather remained dry.
PESHAWAR DIVISION :	} Scattered rain fell on one day.
D. I. KHAN DIVISION :	
QUETTA DIVISION :	
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 East Pakistan and scanty in Rawalpindi division whereas no rain fell elsewhere in West Pakistan.

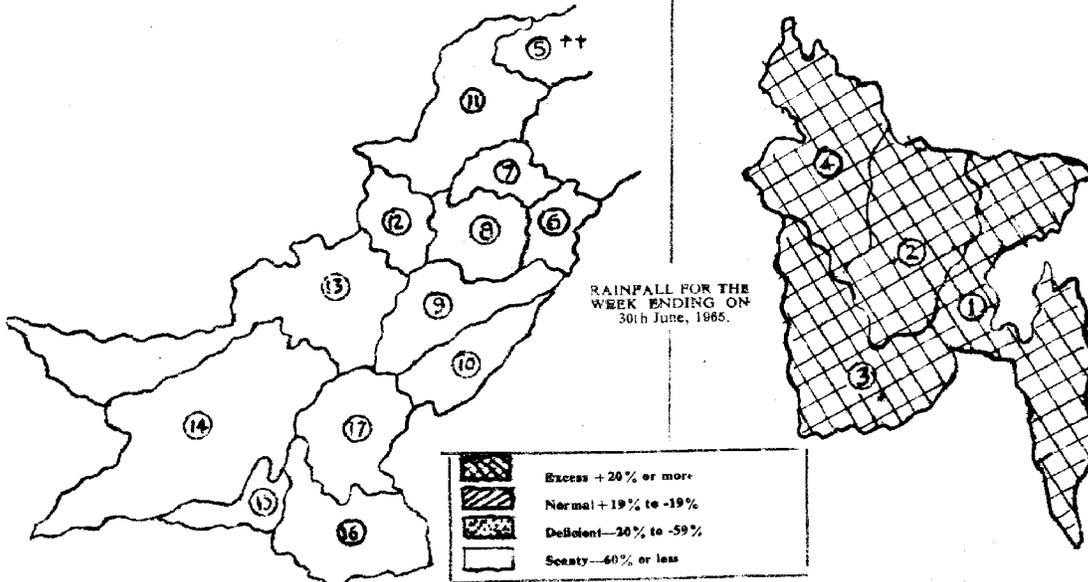
Rainfall for the period from 1st June 1965 to date was in excess in Chittagong, Dacca and Khulna divisions, normal in Rajshahi and Bahawalpur divisions, deficient in Rawalpindi division and scanty in Lahore, Sargodha, Multan, Peshawar and D. I. Khan divisions. No rain fell elsewhere in West Pakistan.

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 1965 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 30th June, 1965.			Rainfall for the Period from 1st June, 1965 to 30th June, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	9.3	5.1	+ 4.2	31.3	22.0	+ 9.2	+ 42
2. Dacca	6.9	3.3	+ 3.6	17.1	14.2	+ 2.8	+ 20
3. Khulna	12.9	3.8	+ 9.1	16.8	13.3	+ 5.6	+ 42
4. Rajshahi	.67	3.7	+ 3.0	14.8	14.2	+ 0.6	+ 4
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.9	- 0.9	0	2.0	- 2.0	- 100
7. Rawalpindi	0.1	1.3	+ 1.2	1.6	3.2	- 1.6	- 49
8. Sargodha	0	0.6	- 0.6	0	1.3	- 1.5	- 99
9. Multan	0	0.2	- 0.2	0.1	0.8	+ 0.7	- 88
10. Bahawalpur	0	0.1	- 0.1	0.3	0.3	0	- 4
11. Peshawar	0	0.3	- 0.3	0.2	0.8	- 0.6	- 75
12. D. I. Khan	0	0.3	- 0.3	0	0.8	- 0.6	- 81
13. Quetta	0	0.1	- 0.1	0	0.3	- 0.3	- 100
14. Kalat	0	0.1	- 0.1	0	0.2	- 0.2	- 100
15. Karachi	0	0.2	- 0.2	0	0.4	- 0.4	- 100
16. Hyderabad	0	0.6	+ 0.6	0	0.8	- 0.8	- 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.

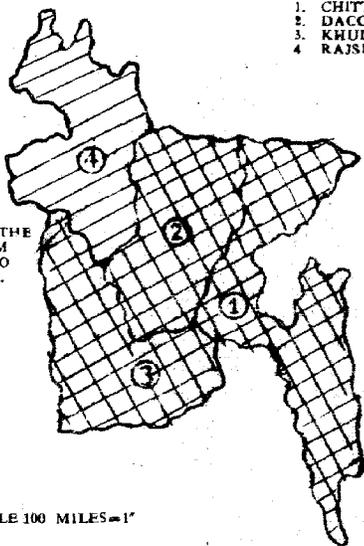
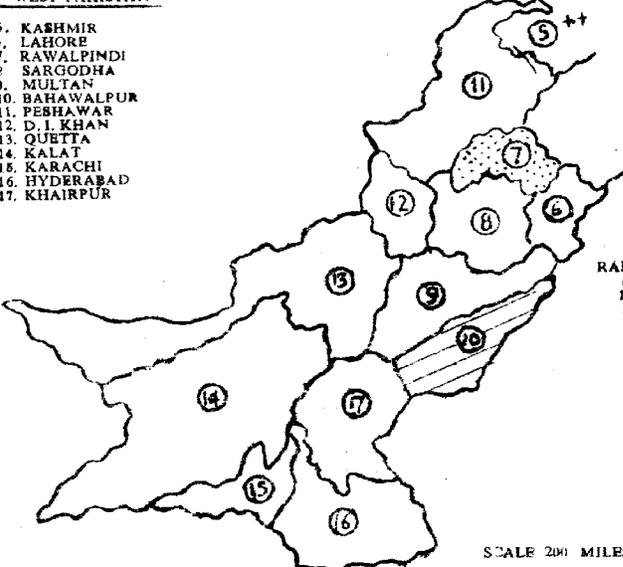


WEST PAKISTAN

- 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 7th July, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon continued to be active over East Pakistan in the beginning of the week. As a result fairly widespread rain with a few heavy to very heavy falls occurred over the province on the 1st and the 2nd. As much as 12" of rain was recorded at Cox's Bazar and 7" at Dinajpur on the 2nd; 6" at Rajshahi and 4" each at Cox's Bazar, Chittagong, Satkhira and Pabna on the 1st.

Thereafter the monsoon slackened and scattered to local rain fell over the province between the 3rd and the 5th. Slight increase of monsoon activity was again noticed on the last two days of the week. When fairly widespread to widespread rain or thundershowers occurred in Chittagong and Dacca divisions with locally heavy falls in the first named division and generally local rain fell elsewhere in the province. Cox's Bazar and Comilla recorded 3" each of rainfall on the 6th and Rangamati and Chittagong 4" each on the 7th.

Day temperatures were appreciably to markedly below normal in the province on the 2nd and slightly to appreciably so on the 1st and the 3rd and were generally normal during the rest of the week.

WEST PAKISTAN: Last week's western disturbance moved away northeastwards across north of Kashmir after causing local thundershowers in D.I. Khan division and a few just of thunderstorms in Rawalpindi, Sargodha, Peshawar divisions on first day of the week. This was followed by another western disturbance which moved across Kashmir and caused scattered to local thunderstorms or showers in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D.I. Khan and Quetta divisions between the 2nd and the 3rd and in Peshawar and Rawalpindi divisions on the 4th and the 5th. Scattered thunderstorms were also reported from Sargodha and Multan divisions on the 5th and light rain from Lahore and D.I. Khan divisions on the preceding day. D.I. Khan recorded 1" on the 2nd and Harnai 2" on the 3rd.

A trough of low pressure developed off the Gujrat coast; it moved northwards and lay over Surashtra in India and Hyderabad division in West Pakistan on the 5th. It merged into the seasonal trough of low over Kalat and Khairpur divisions on the next day. This caused a temporary extension of the monsoon into the southeastern parts of West Pakistan where local thundershowers occurred on the 5th. Chhor recorded 1½" rain and Umerkot ¾". Consequent upon the accentuation of the seasonal trough of low pressure scattered thunderstorms or showers also occurred in Bahawalpur division on the 5th and 6th and light rain or drizzle in D.I.Khan and Karachi divisions on the 6th.

Day temperatures were considerably below normal in Peshawar division on the 5th, appreciably to markedly so in the northern and some of the central divisions on the 3rd and the 5th and slightly to appreciably so in the central divisions between the 2nd and the 4th. These were generally slightly to appreciably above normal in the northern divisions on the 1st and 2nd, in the southern divisions on the 4th and in most of the divisions on the last day of the week.

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

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

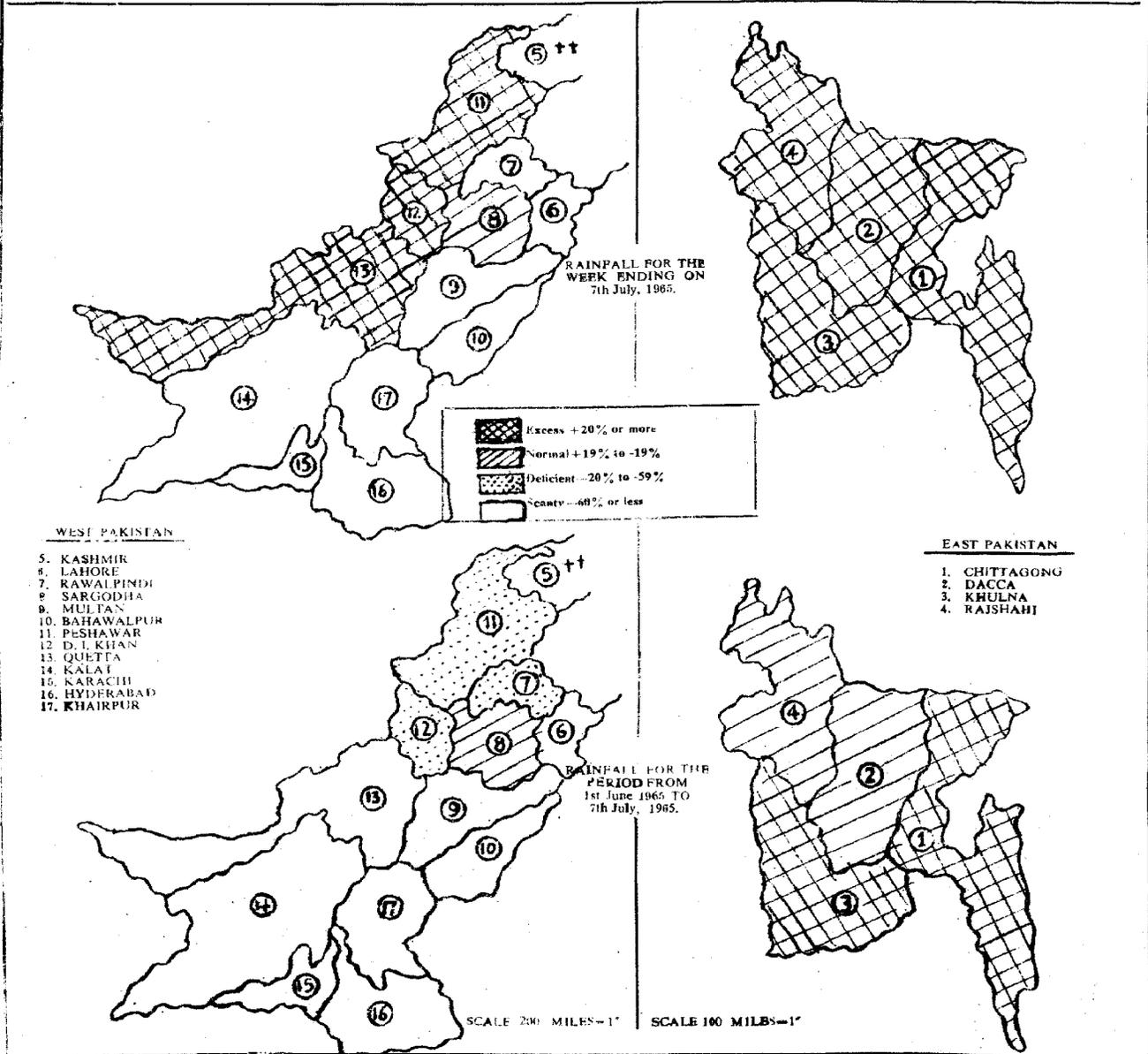
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong and Khulna, divisions normal in Dacca, Rajshahi, Sargodha divisions; deficient in Rawalpindi, Peshawar and D.I. Khan divisions and scanty in Lahore, Multan, Bahawalpur, Quetta and Hyderabad divisions. No rain fell in Kalat,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

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 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 7th July, 1965.			Rainfall for the Period from 1st June, 1965 to 7th July, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	8.6	4.6	+ 4.0	40.0	26.6	+ 13.1	+ 49
2. Dacca	4.8	3.3	+ 1.5	2.19	17.6	+ 3.3	+ 18
3. Khulna	4.1	3.3	+ 0.7	23.9	16.5	+ 6.3	+ 38
4. Rajshahi	4.8	3.8	+ 0.9	19.5	18.3	+ 1.5	+ 9
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.1	1.5	- 1.3	0.1	3.5	- 3.3	- 94
7. Rawalpindi	0.5	1.8	- 1.3	2.1	5.0	- 2.9	- 56
8. Sargodha	0.5	0.6	- 0.1	0.5	1.9	- 1.4	- 7
9. Multan	0.2	0.6	- 0.4	0.7	1.3	- 0.7	- 74
10. Bahawalpur	0	0.5	- 0.5	0.3	0.8	- 0.5	- 65
11. Peshawar	0.3	0.2	+ 0.1	0.5	1.0	- 0.5	- 48
12. D. I. Khan	0.6	0.3	+ 0.3	0.8	1.1	- 0.3	- 25
13. Quetta	0.4	0.1	+ 0.3	0	0.5	- 0.5	- 100
14. Kalat	0	0.1	- 0.1	0	0.3	- 0.3	- 100
15. Karachi	0	0.1	- 0.1	0	0.5	- 0.5	- 100
16. Hyderabad	0	0.3	- 0.3	0	1.1	- 1.1	- 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 14th July, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon continued to be active over the province during the first four days of the week. In its association fairly widespread to widespread rain or thundershowers with locally heavy to very heavy falls occurred in Chittagong and Dacca divisions practically throughout the period, in Khulna division on the 9th and 10th and in Rajshahi division only on the 9th and scattered to local rainfall on other days. The continued heavy to very heavy rainfall activity caused most of the rivers in the province to over flow their banks flooding extensive areas. According to press reports. Over four lakh people were affected by the floods, about five thousand cattle were lost and a few human beings perished. Outstanding rainfall amounts recorded were: Rangamati and Bogra 4" each and Majidee Court 3" on the 8th; Sirajganj 6", Mymensing 4" and Majidee Court and Faridpur 3" each on the 9th and Chittagong 7", Faridpur 4" and Cox's Bazar, Sylhet and Mymensingh 3" each on the 10th.

Following the westwards passage of a low pressure area across Burma to Central and North Bay of Bengal, monsoon activity decreased on the 12th when mainly local falls were reported from the province.

The easterly low pressure area concentrated into a depression by the 13th morning and was centred at 0300 hours GMT within one degree of Latitude 20°N and longitude 88½°E. It moved westwards, deepened and was centred as a deep depression at 0300 GMT on the last day within one degree of Latitude 20°N and Longitude 85°E. Only scattered to local rain fell in the province during the last two days of the week.

Day temperatures were slightly to appreciably below normal over the province during the first four days, slightly above normal on the last day and nearly normal during the rest of the week.

WEST PAKISTAN: The passage of a western disturbance across the extreme north of the province caused the accentuation of the seasonal trough of low pressure extending from Kalat division to Sargodha and D.I. Khan divisions between the 9th and 12th. In its association scattered to local rain or thundershowers occurred in Lahore, Rawalpindi, Sargodha, Bahawalpur, Peshawar, D.I. Khan and Quetta divisions during the first two days and scattered in Quetta division and thunderstorms at a number of places in Rawalpindi, Multan, Bahawalpur, Peshawar and D.I. Khan divisions during the next two days.

Chief amounts of rainfall recorded were: Murree, 1½" on the 9th, Fort Abbas and Harnai 2" each, Murree 1" and Cherat 3/4" on the 10th and Barkhan ½" on the 11th.

Day temperatures were generally appreciably to markedly above normal over the province outside Karachi and Hyderabad divisions during the first two days and on the last day of the week and to the same extent below normal over there on the 10th and the 11th. These were slightly below normal in most of the western divisions on the 12th and slightly above normal in the eastern divisions the next day.

2. CHITTAGONG DIVISION :	Widespread and scattered rain fell on one day each, fairly widespread on two days and local on three days.
DACCA DIVISION :	Widespread rain fell on three days and fairly widespread, local and scattered on one day each.
KHULNA DIVISION :	Widespread and local rain fell on one day each and fairly widespread and scattered on two days each.
RAJSHAHI DIVISION :	Rainfall was widespread on one day, local on two days and scattered on three days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on one day.
KAWALPINDI DIVISION :	Local and scattered rain fell on one day each.
SARGODHA DIVISION :	Local rain fell on one day.
MULTAN DIVISION :	Weather remained mainly dry.
BAHAWALPUR DIVISION :	Local rain fell on one day.
PESHAWAR DIVISION :	Local and scattered rain fell on one day each.
D. I. KHAN DIVISION :	Rainfall was scattered on one day.
QUETTA DIVISION :	Local rain fell on one day and scattered on two days.
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 in large excess in Dacca and Quetta divisions, in excess in Chittagong, Rajshahi, divisions, deficient in Khulna, Rawalpindi, Peshawar divisions and scanty in Lahore, D.I. Khan divisions whereas no rain fell elsewhere over West Pakistan.

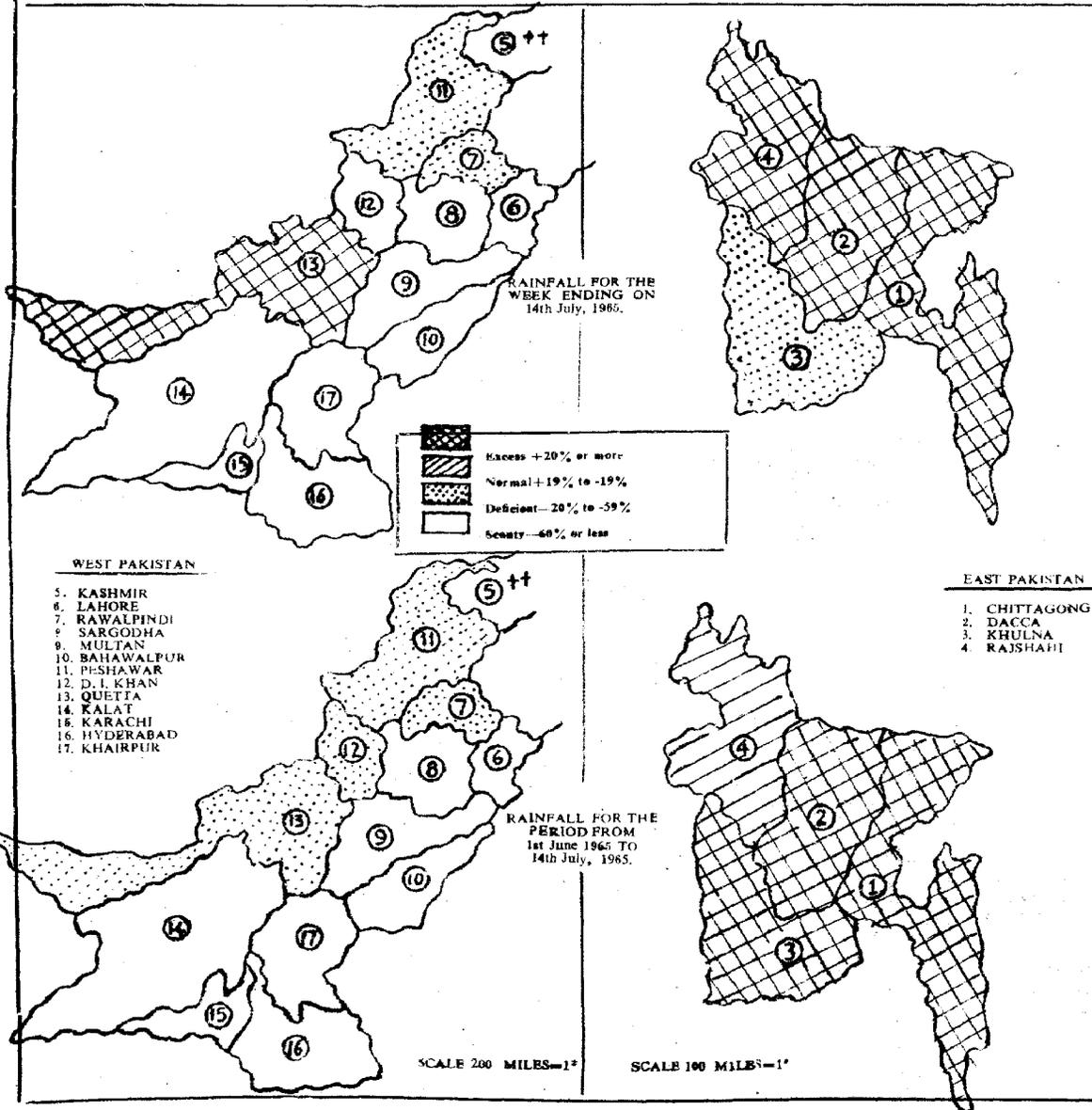
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong, Dacca and Khulna divisions, normal in Rajshahi division, deficient in Rawalpindi, Peshawar, D.I. Khan and Quetta divisions and scanty in Lahore, Sargodha, Multan and Bahawalpur divisions whereas no rain fell elsewhere over West Pakistan during the period.

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 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 14th July, 1965.			Rainfall for the Period from 1st June, 1965 to 14th July, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	6.1	4.3	+ 1.8	45.8	30.9	+ 14.9	+ 48
2. Dacca	7.9	3.1	+ 4.8	29.7	20.6	+ 9.1	+ 44
3. Khulna	1.4	3.0	- 1.5	24.3	19.5	+ 4.8	+ 24
4. Rajshahi	4.1	3.2	+ 0.9	23.6	21.3	+ 2.4	+ 11
5. Kashmir**	—	—	—	—	—	—	—
6. Lahore	0.2	1.8	- 1.5	0.3	5.2	- 4.9	- 94
7. Rawalpindi	1.3	2.2	- 0.9	3.4	7.3	- 3.9	- 53
8. Sargodha	0	0.8	- 0.8	0.5	2.7	- 2.2	- 82
9. Multan	0	0.5	- 0.5	0.7	1.8	- 1.1	- 63
10. Bahawalpur	0	0.5	- 0.5	0.3	1.3	- 1.0	- 79
11. Peshawar	0.3	0.8	- 0.5	0.9	1.8	- 0.9	- 52
12. D. I. Khan	0.1	0.5	- 0.4	1.0	1.6	- 0.7	- 41
13. Quetta	0.4	0.2	+ 0.2	0.4	0.7	- 0.3	- 38
14. Kalat	0	0.1	- 0.1	0	0.5	- 0.5	- 100
15. Karachi	0	0.6	- 0.6	0	1.1	- 1.1	- 100
16. Hyderabad	0	1.0	- 1.0	0	2.0	- 2.0	- 100
17. Khairpur	0	0.2	- 0.2	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 21st July, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon was generally weak over the province and caused scattered to local rainfall in Chittagong division throughout the week, in Dacca division on the 16th and between the 18th and 20th, in Khulna division on the 16th and 18th and in Rajshahi division between the 16th and 21st. However, fairly widespread to widespread, light to moderate rain fell in Dacca division only on the 21st and in Khulna division on the 15th, 17th and between the 19th and 21st.

Chief amounts of rainfall recorded were:—Srimangal $1\frac{1}{2}$ " on the 15th; Maiajdee Court 1" on the 16th, 17th and 18th; Sylhet $1\frac{1}{2}$ " and Bogra $\frac{3}{4}$ " on the 19th and Sylhet 2" on the 20th.

Day temperatures were slightly above normal in Chittagong division on the 15th and 19th and nearly normal otherwise in the province.

WEST PAKISTAN: Last week's deep depression moved northwestwards and was centred at 0300 G. M. T. on the first day of the week about 50 miles west Kanker. It continued moving in the same direction and weakened rapidly into a well marked low by the next morning when it lay over Madhya Bharat and adjoining southeast Rajasthan. It moved to Rajasthan the following day and thereafter became unimportant by the 18th. In its association incursion of moist easterlies became well marked mainly in the northern and central divisions of West Pakistan. As a consequence fairly widespread to widespread rain or thundershowers occurred in Lahore division on the 16th and 17th; in Rawalpindi division between the 16th and 18th in Multan division on the 17th and 18th and in Peshawar division only on the 18th. Scattered to local rain also fell in Peshawar and Hyderabad divisions on the 16th; in Peshawar and Kalat divisions on the 17th; in Sargodha, Bahawalpur and Kalat divisions on the 18th and in Sargodha, Multan and D. I. Khan divisions on the 19th. Thereafter a well marked easterly low pressure area moving westwards across Orissa concentrated into a land depression on the 20th and was centred at 0300 GMT close to Seoni. Moving rapidly in the same direction, it lay with its centre about 20 miles to the northwest of Ahmedabad at 0300 GMT on the last day of the week. Under its influence scattered to local rain or thundershowers occurred in Rawalpindi, Peshawar, Quetta, Kalat, Karachi, Hyderabad and Khairpur divisions during the last two days of the week. The thundershowers at Karachi were accompanied by a squall with winds reaching 37 m. p. h. A number of houses collapsed as a result of the stormy winds and moderately heavy downpours. Eight persons were killed and many were injured as reported by the press.

Noteworthy amounts of rainfall recorded were:—Campbellpur 2" and Jhelum, Murree and Chakdara $1\frac{1}{2}$ " each on the 16th; Multan 1" Murree $\frac{3}{4}$ " on the 17th; Multan and Cherat 2" each, Leiah $1\frac{1}{2}$ " and Campbellpur $\frac{3}{4}$ " on the 18th; Barkhan 1" on the 19th; Haripur $1\frac{1}{2}$ " and Islamabad and Rawalpindi $\frac{3}{4}$ " each on the 20th and Peshawar 2" and Karachi Airport $1\frac{1}{2}$ " on the 21st.

Day temperatures were generally appreciably to markedly above normal over West Pakistan outside Karachi, Khairpur and Hyderabad divisions. During the first two days of the week and slightly so in Hyderabad division on the last three days. These were otherwise appreciably to markedly below normal mainly over the northern and central divisions of the province.

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

3. Based on the data of stations having normals, the week's rainfall was in large excess in Multan and Peshawar divisions, normal in Rawalpindi division, deficient in Khulna, Rajshahi, Lahore, Bahawalpur and Hyderabad divisions and scanty elsewhere in the country.

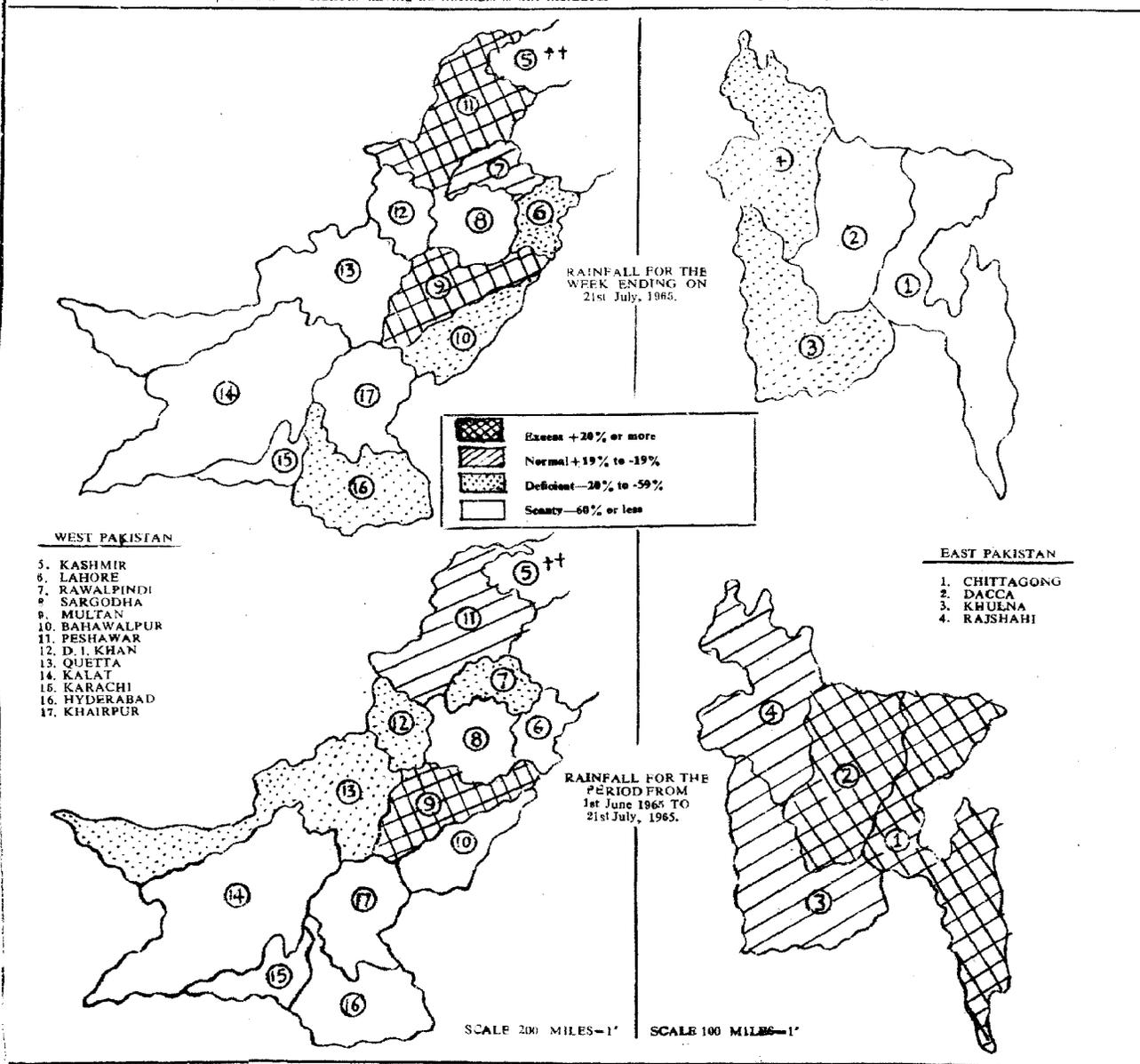
Rainfall for the period from 1st June 1965 to date was in excess in Chittagong, Dacca and Multan divisions, normal in Khulna, Rajshahi and Peshawar divisions, deficient in Rawalpindi, D. I. Khan and Quetta divisions and scanty elsewhere in West Pakistan.

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 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 21st July, 1965.			Rainfall for the Period from 1st June, 1965 to 21st July, 1965.			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	1.2	4.1	— 2.9	47.0	35.0	+ 12.0	+ 34
2. Dacca	0.4	2.8	— 2.4	30.1	23.5	+ 6.7	+ 26
3. Khulna	1.5	2.2	— 1.7	25.7	22.7	+ 3.1	+ 12
4. Rajshahi	1.3	2.5	— 1.3	24.9	23.8	+ 1.1	+ 5
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.6	1.4	— 0.8	0.9	6.6	— 5.7	— 86
7. Rawalpindi	1.9	2.4	— 0.4	5.3	9.6	— 4.3	— 44
8. Sargodha	0.1	0.8	— 0.7	0.6	3.5	— 2.9	— 84
9. Multan	2.1	0.3	+ 1.8	2.8	2.1	+ 0.6	+ 30
10. Bahawalpur	0.2	0.4	— 0.2	0.4	1.6	— 1.2	— 74
11. Peshawar	2.2	0.8	+ 1.4	3.1	2.6	+ 0.5	+ 19
12. D. I. Khan	0.1	0.4	— 0.3	1.0	2.9	— 1.9	— 49
13. Quetta	0.1	0.3	— 0.2	0.5	1.0	— 0.5	— 51
14. Kalat	0	0.1	— 0.1	0	0.6	— 0.6	— 100
15. Karachi	0.1	0.5	— 0.4	0.1	1.6	— 1.5	— 96
16. Hyderabad	0.3	0.7	— 0.4	0.3	2.7	— 2.4	— 90
17. Khairpur	0	0.3	— 0.3	0	0.8	— 0.8	— 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 July, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon continued to be weak during the early parts of the week and caused mainly local falls in the province between the 22nd and the 24th. However, on the 23rd fairly widespread thundershowers were reported from Chittagong and Dacca divisions. Thereafter an easterly low pressure area entered into the head Bay of Bengal on the 25th, concentrated into a depression on the 26th and lay about 50 miles east of Jamshedpur on the last day of the week. Under its influence widespread rain or thundershowers occurred in Chittagong, Dacca and Khulna divisions on the 28th and in Dacca and Khulna divisions on the 26th and the 27th respectively and scattered to local in Chittagong and Rajshahi divisions between the 25th and the 27th and only in Khulna divisions on the 26th.

Chief amounts of rainfall recorded during the week were: Comilla 3" on the 23rd and the 26th, Dinajpur 4" on the 25th and Chittagong, Majdee Court, Comilla and Satkhira 4" each and Barisal 3" on the 28th.

Day temperatures were slightly to appreciably above normal in Khulna division on the 24th and practically in the whole province on the last three days of the week and were to the same extent below normal in Rajshahi division on the 25th.

WEST PAKISTAN: Last week's depression moved westwards, weakened and lay as a low pressure area over the eastern sector of North Arabian Sea on the first day of the week. Continuing to move in the same direction it became unimportant by the 24th.

Under its influence fairly widespread rain with locally heavy to very heavy falls occurred in Karachi division on the 22nd and mainly scattered in Quetta and Hyderabad divisions between the 22nd and the 24th and in Karachi and Khairpur divisions on the 23rd. The heavy rains in Karachi caused a number of deaths and break down in communication as reported by the press. Thereafter the seasonal low pressure area over the province became well marked and simultaneously an easterly low pressure area appeared over east Rajasthan on the 27th and caused the penetration of monsoon easterlies into the northern divisions till the end of the week. Under their influence local to fairly widespread rain or thundershowers occurred in Lahore division between the 24th and the 27th, in Rawalpindi division on the 26th and the 27th and practically in the whole province on the 28th. Scattered rain or thundershowers were also reported from Peshawar and Quetta divisions between the 25th and the 27th and from D.I. Khan division on the 27th.

Chief amounts of rainfall recorded are: Karachi (Manora) 4" and Karachi (Airport) 3" on the 22nd; Murree 2" on the 25th; Jhelum 3" and Rawalpindi and Murree 2" each on the 27th and Jhelum and Khanpur 4" each on the 28th.

Day temperatures were markedly to considerably below normal in the northern divisions on the 28th and appreciably to markedly so a day earlier. These were slightly to appreciably above normal in Peshawar, Rawalpindi, Quetta, Sargodha and D.I. Khan divisions between the 24th and the 26th.

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

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

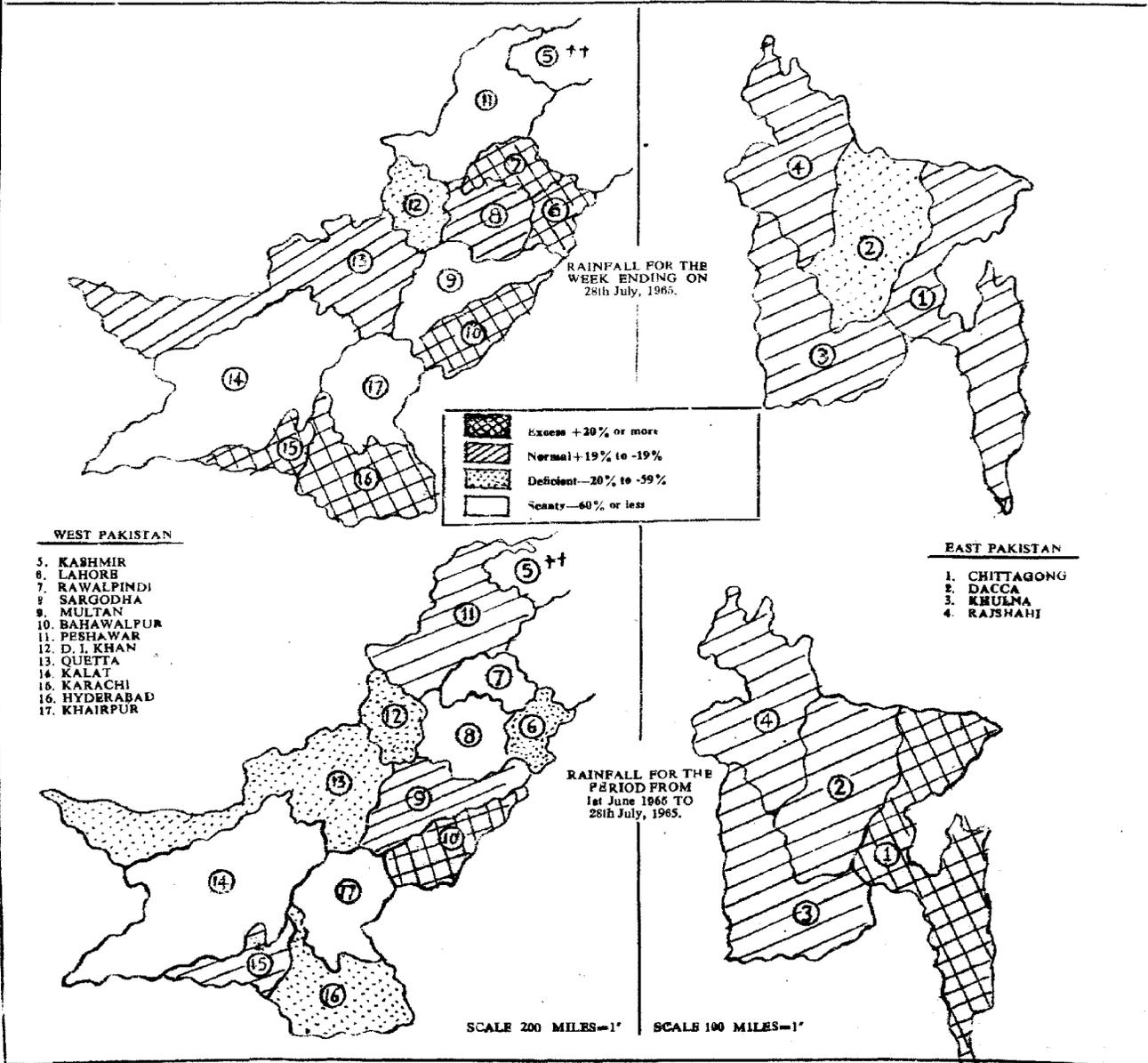
Rainfall for the period from 1st June 1965 to date was in excess in Chittagong and Bahawalpur divisions, normal elsewhere in East Pakistan and in Multan, Peshawar and Karachi divisions, deficient in Lahore, D.I. Khan, Quetta and Hyderabad divisions and scanty in Sargodha, Kalat and Khairpur divisions.

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 1965 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 28th July, 1965.			Rainfall for the Period from 1st June, 1965 to 28th July, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	5.3	5.3	0.	53.3	40.3	+ 12.0	+ 30
2. Dacca	1.4	3.3	- 1.9	31.5	26.8	+ 4.8	+ 18
3. Khulna	2.9	3.3	- 0.4	28.6	26.0	+ 2.6	+ 10
4. Rajshahi	2.7	3.0	- 0.3	27.5	26.8	+ 0.8	+ 3
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	3.0	1.6	+ 1.4	4.0	8.2	- 4.2	- 51
7. Rawalpindi	3.5	2.7	+ 0.8	8.8	12.3	- 3.5	- 29
8. Sargodha	0.8	0.9	- 0.1	1.3	4.4	- 3.0	- 69
9. Multan	0.1	0.5	- 0.5	2.8	2.7	+ 0.2	+ 6
10. Bahawalpur	2.4	0.7	+ 1.7	2.8	2.4	+ 0.5	+ 20
11. Peshawar	0	0.5	- 0.5	3.1	3.1	0	+ 1
12. D. I. Khan	0.3	0.4	- 0.2	1.3	2.4	- 1.1	- 47
13. Quetta	1.0	0.9	+ 0.1	1.5	1.9	- 0.4	- 23
14. Kalat	0	0.1	- 0.1	0	0.7	- 0.7	- 100
15. Karachi	2.1	0.6	+ 1.5	2.1	2.2	- 0.1	- 2
16. Hyderabad	2.1	0.8	+ 1.3	2.4	3.5	- 1.2	- 33
17. Khairpur	0	0.2	- 0.2	0	1.0	- 1.0	- 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 11th August, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon was active and caused fairly widespread rain or thundershowers with locally moderate to heavy falls in Chittagong division throughout the week, in Dacca division on the 5th, 8th and 11th and scattered to local rainfall otherwise over the Province.

Noteworthy amounts of rainfall recorded were: Cox's Bazar 6", Chittagong 3" and Sirajani, Brahmanbaria and Mymensingh 2" each on the 5th; Sylhet 5" and Rangamati and Chittagong 1½" each on the 6th; Sylhet 5", Satkhira 4", Comilla 3" and Chittagong 2" on the 7th; Cox's Bazar 4", Mymensingh 3" and Chittagong, Sylhet and Jessore 2" each on the 8th; Cox's Bazar 6" and Sirajganj 4" on the 9th; Chittagong, Sylhet and Jessore 2" each on the 10th and Sirajganj 5", Cox's Bazar and Brahmanbaria 4" each, Dacca 5" and Mymensingh 2" on the 11th.

Day temperatures were slightly below normal in Rajshahi division on the 5th and above normal there and in Dacca and Khulna divisions on the 7th and nearly normal otherwise over the province.

WEST PAKISTAN: The seasonal trough of low pressure over the province remained well marked practically throughout the week. In its association fairly widespread rain or thundershowers occurred in Lahore division on the 5th, 10th and 11th, in Rawalpindi division only on the 10th and in Sargodha division during the first three days and on the last day of the week. Scattered to local thunder-rain activity was also experienced in Rawalpindi division between the 5th and the 7th, in Sargodha division on the 8th, in Multan division on the 8th and 11th, in Peshawar division on all the days of the week, in D. I. Khan division during the last two days and in Quetta division on the 7th and the 9th.

Chief amounts of rainfall recorded were: Khushab 2", Lahore 1" and Sargodha ¾" on the 5th; Khushab 1" and Sargodha ¾" on the 6th; Rawalpindi and Sargodha 1" each and Campbellpur ¾" each on the 7th; Montgomery and Parachinar ½" each on the 8th; Jhelum 2", Sialkot 1½" and Islamabad, Murree and Haripur 1" each on the 10th and Lyallpur 1" on the 11th.

Day temperatures were slightly below normal mainly in the northern and central divisions of the province during the first four days and on the last day of the week and in Quetta division on the 9th and the 10th.

2. **CHITTAGONG DIVISION:** Rainfall was widespread on two days and fairly widespread on five days.

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

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

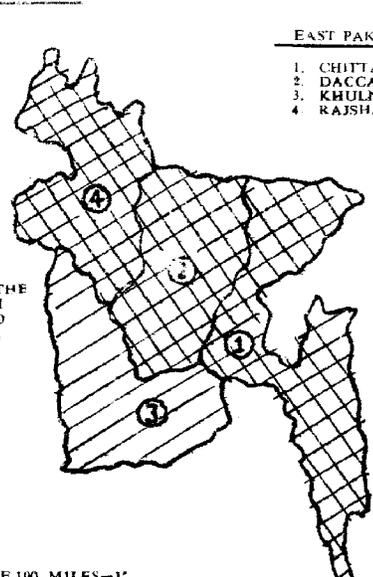
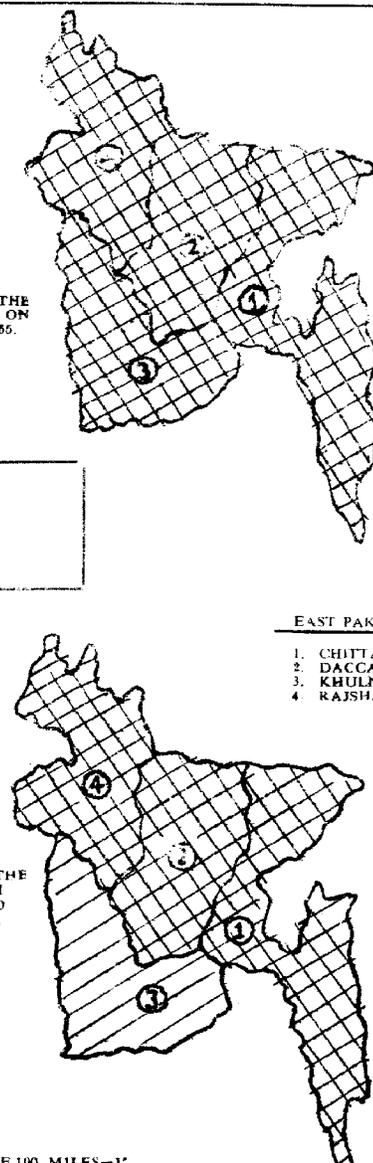
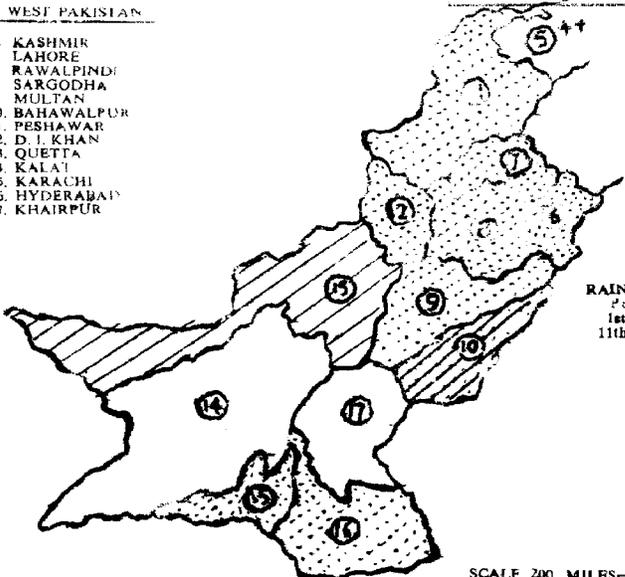
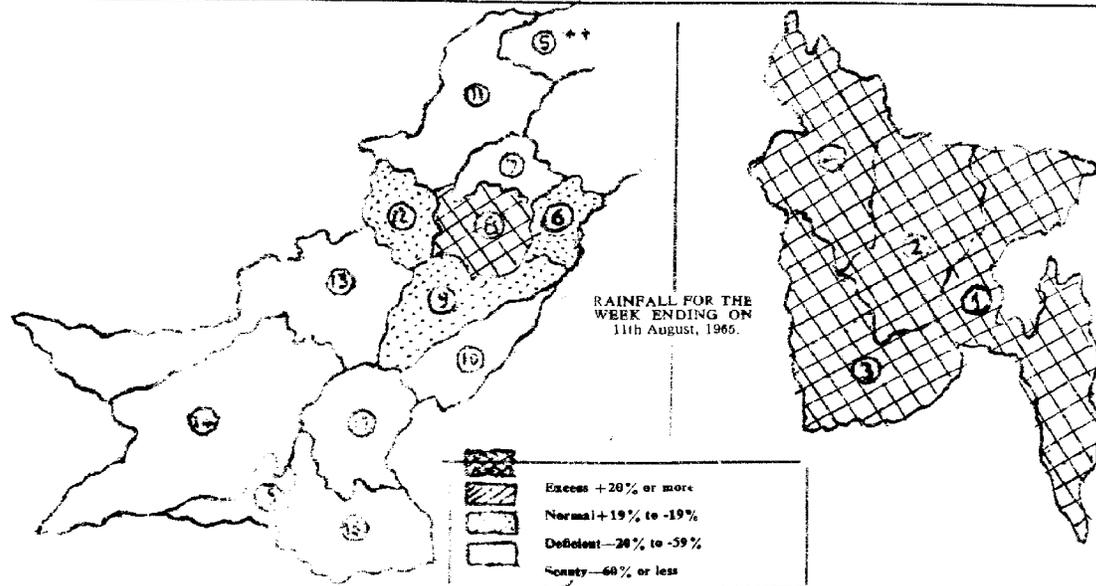
Rainfall for the period from 1st June 1965 to date was in excess in East Pakistan outside Khulna division, normal in Khulna, Bahawalpur and Quetta divisions, deficient in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D. I. Khan, Karachi and Hyderabad divisions and scanty in Kalat and Khairpur divisions.

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 1965 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 11th August, 1965.			Rainfall for the Period from 1st June, 1965 to 11th August, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	9.1	4.5	+ 4.6	73.7	48.5	+25.1	+ 52
2. Dacca	5.5	3.1	+ 2.4	42.6	33.0	+ 9.6	+ 29
3. Khulna	3.5	2.9	+ 0.6	36.3	31.9	+ 4.4	+ 14
4. Rajshahi	3.6	2.7	+ 0.9	40.8	32.6	+ 8.2	+ 25
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	1.4	1.8	— 0.5	6.7	11.6	— 4.9	— 42
7. Rawalpindi	1.3	3.2	— 1.9	13.1	17.9	— 4.9	— 27
8. Sargodha	2.4	0.9	+ 1.6	4.3	6.0	— 1.7	— 28
9. Multan	0.4	0.9	— 0.5	3.4	4.3	— 0.8	— 20
10. Bahawalpur	0	0.5	— 0.5	2.8	3.5	— 0.7	— 19
11. Peshawar	0.1	1.0	— 0.8	3.6	4.7	— 1.1	— 23
12. D. I. Khan	0.3	0.6	— 0.3	2.1	3.5	— 1.5	— 42
13. Quetta	0	0.3	— 0.3	1.8	1.9	— 0.2	— 9
14. Kalat	0	0.1	— 0.1	0	0.9	— 0.9	— 100
15. Karachi	0	0.2	— 0.2	2.1	2.7	— 0.6	— 21
16. Hyderabad	0	0.7	— 0.7	2.4	4.4	— 2.0	— 46
17. Khairpur	0	0.4	— 0.4	0.3	1.8	— 1.5	— 83
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. HYDRABAD
 - 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 18th August, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: The monsoon continued to be active and caused fairly widespread rain or thundershowers with locally heavy falls in Chittagong division on the 12th and between the 14th and the 17th, in Dacca division on the 12th and between the 14th and 18th, in Khulna division on the 12th, 14th and the 17th and in Rajshahi division on the 14th, 17th and the 18th and scattered to local otherwise in the province.

Chief amounts of rainfall recorded were: Rangpur 4" and Satkhira 3" each on the 12th; Rangpur 4" and Chittagong and Sylhet 3" each on the 13th; Majdee Court and Dacca 6" and Chittagong and Khulna 4" each on the 14th and Comilla 7" and Cox's Bazar 4" on the 16th.

Day temperatures were slightly to appreciably below normal practically in the whole province on the 12th and between the 15th and the 17th, in the northern half of the province on the 13th and the 14th and only in Rajshahi division on the last day of the week.

The seasonal trough of low pressure over the province remained well marked practically throughout the week. In its association scattered rain or thundershowers occurred in Peshawar and Quetta divisions on the 12th and only in Peshawar division on the 14th and in Rawalpindi Peshawar and Quetta divisions on the last two days of the week. Thunder-rain activity was also experienced at a few places in the northern divisions between the 12 and the 16th; in Multan division on the 12th and in Quetta division on the 13th and the 14th.

Noteworthy amounts of rainfall were:—Barkhan 1" on the 12th; Murree and Parachinar 1" each on the 17th and Harinai 1" on the 18th.

Day temperatures were slightly to appreciably below normal practically in the whole province outside Hyderabad and Karachi divisions on the 12th and in Quetta and Khairpur divisions on the 13th, 14th, 16th and the 17th and were to the same extent above normal in the northern divisions between the 14th and the 18th.

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

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

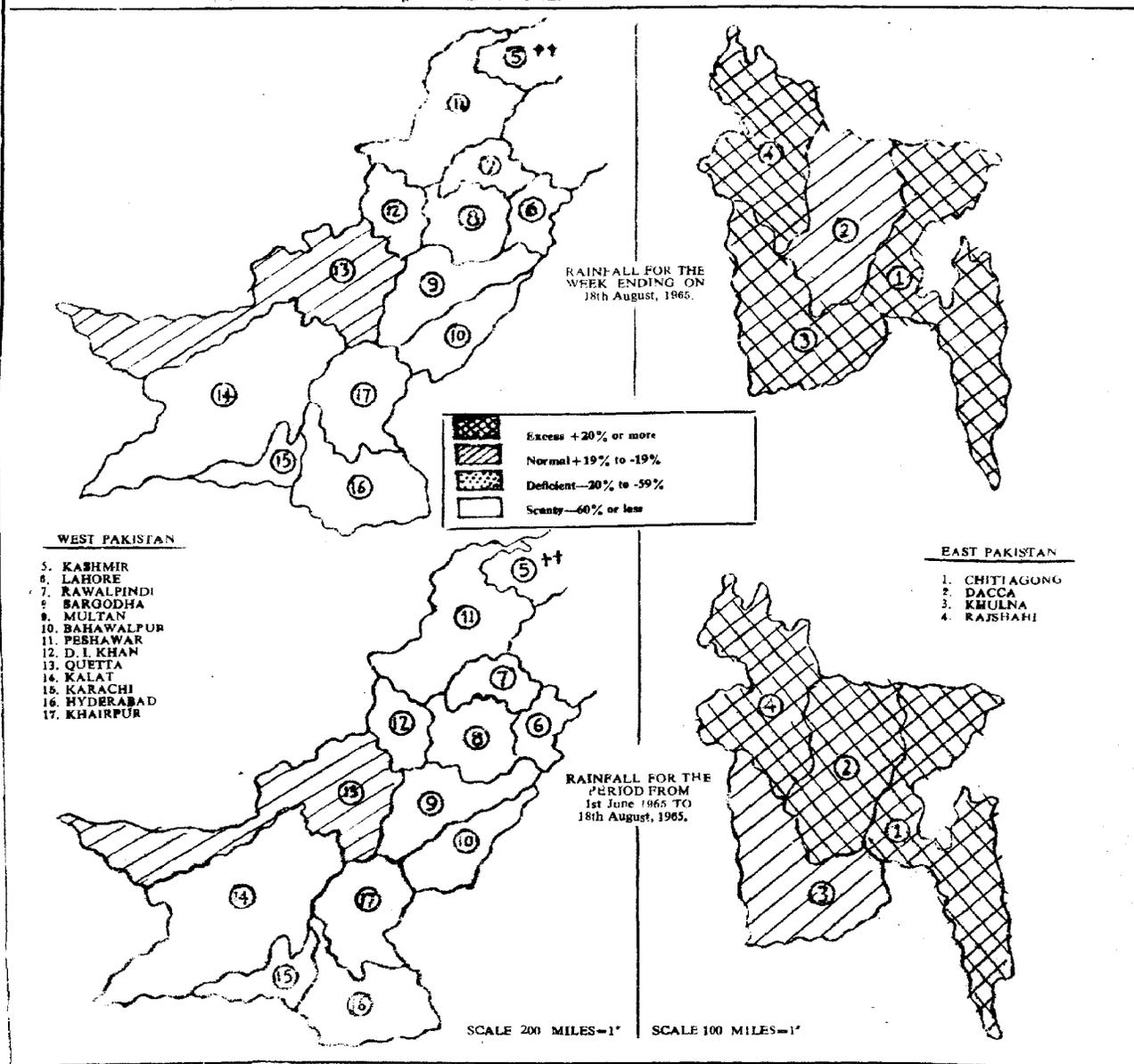
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong, Dacca, Rajshahi divisions; normal in Khulna and Quetta divisions; scanty in Khairpur divisions and deficient elsewhere in West Pakistan outside Kalat division where no rain has fallen so far.

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

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 18th August, 1965.			Rainfall for the Period from 1st June, 1965 to 18th August, 1965.			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	8.1	4.9	+ 3.2	81.7	53.4	+28.3	+ 55
2. Dacca	3.4	3.1	+ 0.4	46.1	36.0	+10.0	+ 28
3. Khulna	4.7	3.0	+ 1.7	41.0	35.0	+ 6.1	+ 17
4. Rajshahi	7.1	2.8	+ 4.3	47.9	35.5	+12.5	+ 35
5. Kashmir**	—	—	—	—	—	—	—
6. Lahore	0	1.7	— 1.7	6.7	13.4	— 6.6	— 49
7. Rawalpindi	0.9	3.1	— 2.2	13.9	21.0	— 7.1	— 34
8. Sargodha	0	0.8	— 0.8	4.3	6.8	— 2.5	— 36
9. Multan	0	0.5	— 0.5	3.4	4.7	— 1.3	— 28
10. Bahawalpur	0	0.4	— 0.4	2.8	4.0	— 1.1	— 27
11. Peshawar	0.2	0.9	— 0.7	3.8	5.6	— 1.8	— 31
12. D. I. Khan	0	0.3	— 0.3	2.1	3.9	— 1.8	— 47
13. Quetta	0.2	0.2	0	2.0	2.2	— 0.2	— 8
14. Kalat	0	0.1	— 0.1	0	1.0	— 1.0	— 100
15. Karachi	0	0.3	— 0.3	2.1	2.9	— 0.8	— 28
16. Hyderabad	0	0.7	— 0.7	2.4	5.1	— 2.7	— 53
17. Khairpur	0	0.1	— 0.1	0.3	1.9	— 1.6	— 84
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 August, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: In association with the westwards passage of an eastern low pressure wave across central Burma monsoon became weak over East Pakistan during the first three days and caused local rain or thundershowers in Chittagong division and scattered in Rajshahi division on the 20th and scattered in Khulna and Dacca divisions on the 21st. As the low pressure waved moved to west central Bay of Bengal and concentrated into a well marked low pressure area monsoon gradually strengthened and caused local to fairly widespread rain or thundershowers in Chittagong and Dacca divisions and scattered in Rajshahi division on the 22nd. Monsoon became active in wake of the low pressure area which moved inland westwards and caused fairly widespread rain or thundershowers in the province during the last three days of the week. The falls were locally heavy in Rajshahi, Khulna and Dacca divisions on the 25th.

Noteworthy amounts of rainfall recorded were: Chittagong 3" on the 20th; Majidde Court, Mymensingh and Faridpur 2" each on the 23rd; Faridpur, Khulna and Satkaira 2" each on the 24th; Jessore 5", Narayanganj, Pabna, Sirajganj and Dinajpur 4" each and Khulna and Bogra 3" each on the 25th.

Day temperatures were slightly to appreciably above normal over the province during the first five days and slightly below normal in Chittagong and Dacca divisions on the 24th and markedly below normal over the province on the 25th.

WEST PAKISTAN: Under the influence of the seasonal trough of low pressure extending from Kalat division to Sargodha and D. I. Khan divisions scattered thundershowers occurred in Peshawar and Rawalpindi divisions during the first two days of the week.

In association with the westwards passage of two low pressure areas, the first from Madhya Pradesh to Madhya Bharat and the other from west central Bay of Bengal to Madhya Pradesh incursion of monsoon easterlies started into the northern parts of West Pakistan on the 22nd and gradually became well marked. As a consequence fairly widespread rain or thundershowers occurred in Rawalpindi and Sargodha divisions between the 22nd and 24th and in Multan division only on the 24th and scattered to local in Lahore and Bahawalpur divisions on the 23rd, in Peshawar, D. I. Khan and Quetta divisions between the 22nd and 24th and over the province outside Multan, Bahawalpur, Karachi and Kalat divisions on the 25th.

Chief amounts of rainfall recorded were: Rawalpindi $\frac{1}{2}$ " on the 19th; Parachinar $\frac{1}{2}$ " on the 20th; Murree and Campbellpur 2" each and Rawalpindi and Haripur $1\frac{1}{2}$ " each on the 22nd; Fort Sandeman $1\frac{1}{2}$ " and Murree and Harnai 1" each on the 23rd; Haripur 2", Rawalpindi, Leiah and Prachinar $1\frac{1}{2}$ " each and Murree and Multan 1" each on the 24th and Fort Sandeman and Umerkot 2" each and Harnai and Hyderabad 1" each on the 25th.

Day temperatures were generally slightly to appreciably above normal over the province during the first three days and in Quetta, Kalat, Peshawar and Bahawalpur divisions on the 22nd and appreciably to markedly below normal mainly in the northern divisions on the 23rd and 24th and in these and in the central division on the 25th.

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

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

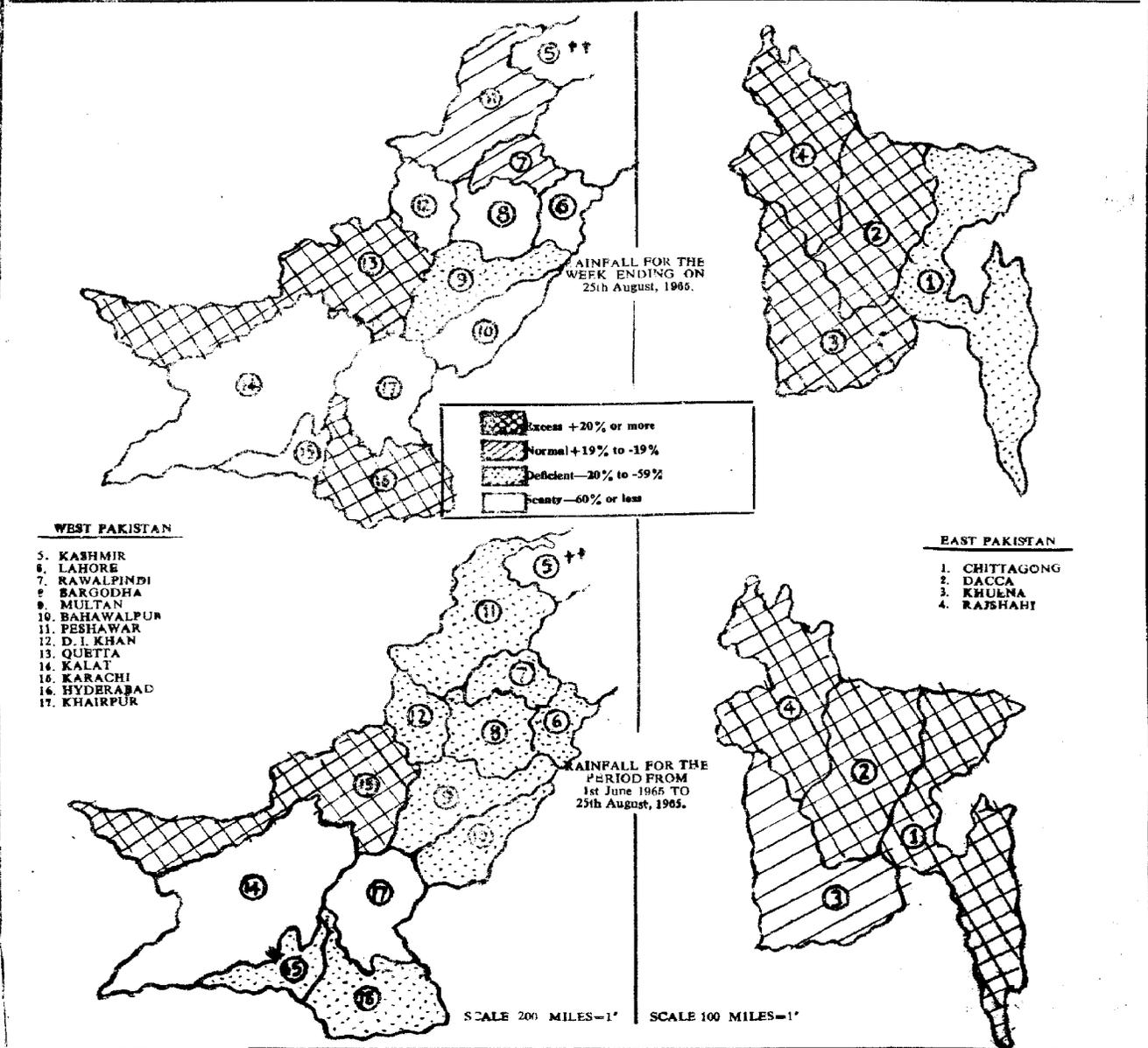
Rainfall for the period from 1st June 1965 to date was in excess in Chittagong, Dacca, Rajshahi and Quetta divisions, normal in Khulna division and deficient elsewhere over West Pakistan outside Kalat and Khairpur divisions where rainfall was scanty.

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 1965 to date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 25th August, 1965.			Rainfall for the Period from 1st June, 1965 to 25th August, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	3.1	4.2	— 1.1	84.8	57.6	+27.2	+ 47
2. Dacca	5.3	3.2	+ 2.1	51.4	39.2	+12.2	+ 31
3. Khulna	4.1	3.0	+ 1.1	45.1	37.9	+ 7.2	+ 19
4. Rajshahi	4.6	3.0	+ 1.6	52.5	38.5	+14.0	+ 36
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.5	1.7	— 1.2	7.2	15.0	— 7.8	— 52
7. Rawalpindi	2.7	2.3	+ 0.4	16.7	23.3	— 6.7	— 29
8. Sargodha	0.3	1.0	— 0.7	4.7	9.8	— 5.2	— 53
9. Multan	0.5	0.4	+ 0.1	4.4	5.1	— 0.7	— 14
10. Bahawalpur	0.1	0.3	— 0.2	2.9	4.2	— 1.3	— 31
11. Peshawar	0.5	0.5	0	4.4	6.1	— 1.7	— 29
12. D. I. Khan	0.1	0.3	— 0.2	2.1	4.2	— 2.0	— 49
13. Quetta	1.1	0.2	+ 0.9	3.1	2.4	+ 0.8	+ 33
14. Kalat	0	0	0	0	1.0	— 0.10	— 100
15. Karachi	0	0.1	— 0.1	2.1	3.1	— 1.0	— 32
16. Hyderabad	0.5	0.3	+ 0.2	2.9	5.3	— 2.5	— 46
17. Khairpur	0	0.1	— 0.1	0.3	2.0	— 1.7	— 85
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 September, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon was generally active in the northern parts of the province and caused fairly widespread rain or thundershowers in Chittagong, Dacca and Rajshahi divisions and scattered to local in Khulna divisions during the first four days of the week. The falls were locally heavy in Chittagong and Rajshahi divisions on the 28th.

Thereafter monsoon activity declined following the passage of an easterly low pressure area across the central Bay of Bengal. As a consequence scattered rain fell in Chittagong division on the 30th and fairly widespread over there and scattered elsewhere over the province on the 31st. The low pressure area concentrated into a depression on the last day of the week centred at 0300 GMT within one degree of Latitude 19°N and Longitude 88½°E. It caused fairly widespread rain or thundershowers in Chittagong and Dacca divisions on the 1st.

Chief amounts of rainfall recorded were Rangpur 1½" and Sylhet 1" on the 26th; Barisal, Comilla, Sylhet and Bogra 1½" each on the 27th; Sirajganj 6", Bogra 5", Sylhet, Mymensingh and Rangpur 4" each and Dinajpur 3" on the 28th; Brahmanbaria and Cox's Bazar, Sylhet and Rajshahi 1½" each on the 29th; Rangamti, Comilla, Brahmanbaria and Srimangal 1½" each on the 31st and Cox's Bazar 1" on the 1st.

Day temperatures were slightly to appreciably below normal over the whole province on the 26th and mainly in the northern divisions during the next four days and to the same extent above normal during the last two days of the week.

WEST PAKISTAN: Last week's low pressure area over Madhya Bharat moved to Gujrat and neighbourhood and became unimportant over there by the 28th while the one over Madhya Pradesh moved across Uttar Pradesh to the foot of the Himalayas. Under their influence scattered rain or showers occurred in Quetta, Kalat and Karachi divisions on the 26th; fairly widespread in Hyderabad, local in Multan and Bahawalpur divisions and scattered in Karachi divisions on the 27th and fairly widespread in Rawalpindi division and local in Lahore and Peshawar divisions on the 28th. Monsoon activity continued in the northeastern parts of the province for another two days. Local to fairly widespread rain or thundershowers occurred in Lahore, Sargodha and Multan divisions and scattered in Rawalpindi, Peshawar, D. I. Khan and Quetta divisions on the 29th and 30th.

Weather was dry during the last two days of the week except for scattered thundershowers reported from Quetta division on the 31st and from Peshawar division on the 1st.

Note-worthy amounts of rainfall recorded were Sibi 3½" on the 26th, Montgomery, Umerkot and Badin 1½" and Rawalpindi and Jhelum 1" each on the 28th; Lyallpur 3", Montgomery 1½" and Sargodha 1" on the 30th and Harnai 1" on the 31st.

Day temperatures were slightly to appreciably below normal mainly in the central divisions on the 26th and 1st in the northern divisions on the 29th and over the province outside Karachi, Hyderabad and south Kalat divisions on the 30th and 31st and slightly above normal in Karachi and Hyderabad divisions on the 26th and in Lahore, Multan and Sargodha divisions on the 28th.

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

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

Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong, Dacca, Rajshahi and Quetta divisions; normal in Khulna and Multan divisions and deficient elsewhere in West Pakistan outside Kalat division whereas it was scanty.

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 1965 to-date.

Karachi—11

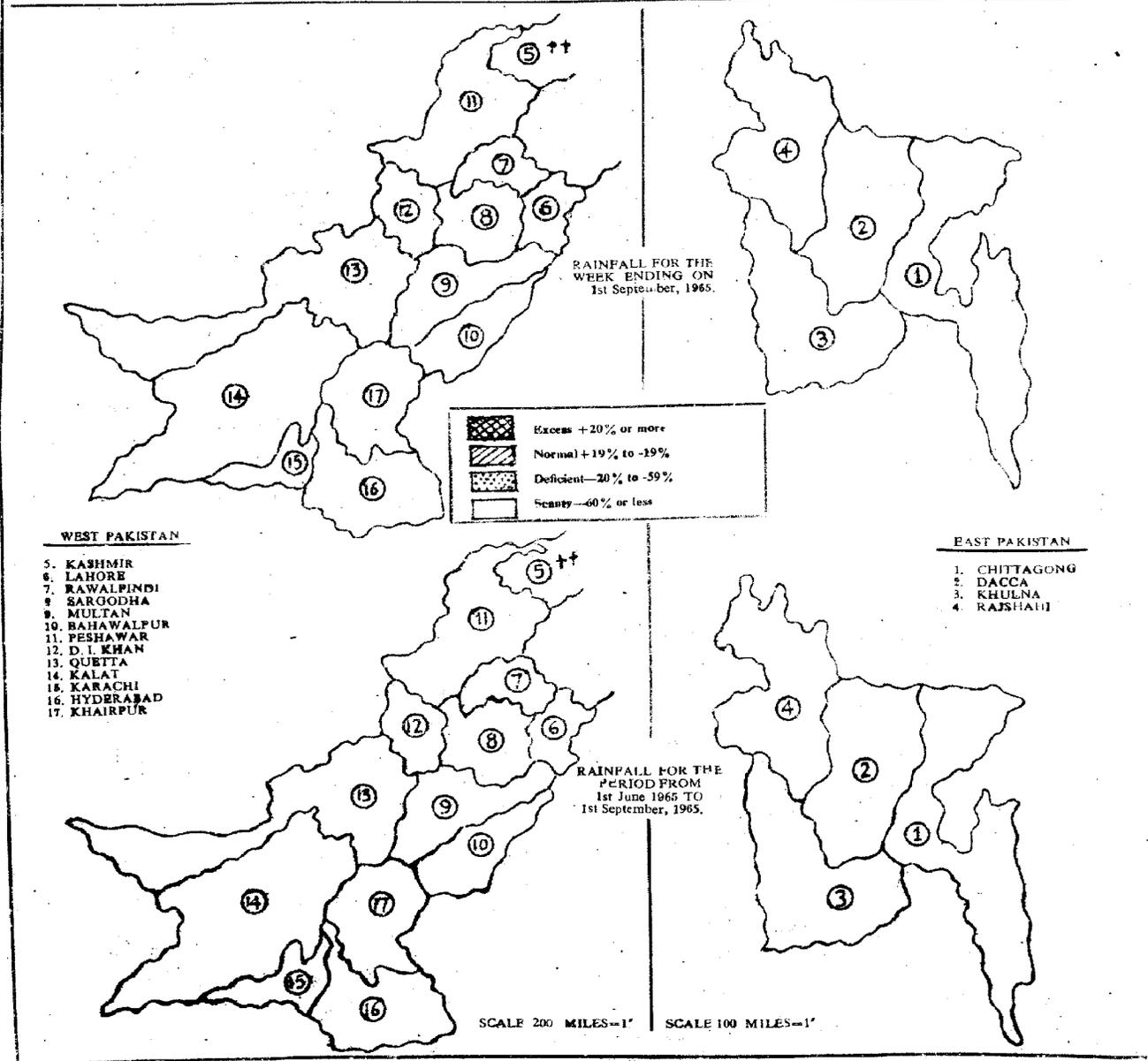
The 1st September, 1965.

SIBTE NABI NAQVI
Director, Meteorological Service.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 1st September, 1965.			Rainfall for the Period from 1st June, 1965 to 1st September, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	2.4	3.8	- 1.4	87.2	61.4	+25.9	+ 42
2. Dacca	3.1	3.0	+ 0.1	54.4	42.2	+12.2	+ 29
3. Khulna	1.4	2.6	- 1.2	46.5	40.5	+ 5.9	+ 15
4. Rajshahi	7.0	3.2	+ 3.9	59.5	41.6	+17.9	+ 43
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0.4	1.3	- 0.9	7.6	16.3	- 8.7	- 53
7. Rawalpindi	0.9	1.8	- 0.9	17.6	25.1	- 7.6	- 30
8. Sargodha	1.2	0.5	+ 0.8	5.9	10.0	- 4.1	- 41
9. Multan	1.6	0.2	+ 1.4	5.3	5.3	- 0.1	- 1
10. Bahawalpur	0	0.1	- 0.1	2.9	4.4	- 1.5	- 33
11. Peshawar	0.1	0.7	- 0.6	4.5	6.7	- 2.3	- 34
12. D. I. Khan	0.2	0.2	0	2.3	4.4	- 2.1	- 48
13. Quetta	0.4	0.2	+ 0.2	3.5	2.5	+ 1.0	+ 40
14. Kalat	0	0	0	0	1.0	- 1.0	- 96
15. Karachi	0	0.1	- 0.1	2.1	3.2	- 1.0	- 33
16. Hyderabad	0.9	0.4	+ 0.5	3.8	5.8	- 2.0	- 35
17. Khairpur	0	0	0	1.3	2.0	- 0.7	- 34
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 September, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN : Monsoon was weak over the province during the first three days of the week and caused scattered to local falls in Chittagong, Dacca and Rajshahi divisions on the 2nd and only in Chittagong division on the 4th. Thereafter, under the influence of a rapidly moving trough from Arakan coast to West Bengal and adjoining areas, the monsoon became active on the 5th. Consequently rain/thundershowers were fairly widespread to widespread in Khulna division between the 5th and 7th in Chittagong division on the 5th, in Dacca division on the 7th and scattered to local elsewhere over the province except in Dacca and Rajshahi divisions where the weather was dry on the 6th.

Chief amounts of rainfall recorded were : Sylhet $1\frac{1}{2}$ " on the 2nd, Cox's Bazar $1\frac{1}{2}$ " on the 4th Satkhira 3", Comilla 2", Cox's Bazar $1\frac{1}{2}$ " and Majidee Court and Khulna 1" each on the 5th and Satkhira $1\frac{1}{2}$ " on the 6th, Cox's Bazar $1\frac{1}{2}$ " on the 7th and Majidee Court 2", Cox's Bazar, Khulna and Satkhira $1\frac{1}{2}$ " each and Dacca 1" on the 8th.

Day temperatures were slightly above normal in the province on the 4th and 5th below normal to the same extent on the 7th and 8th and nearly normal during the rest of the week.

WEST PAKISTAN : The seasonal trough of low pressure extending from Kalat division to D. I. Khan division became accentuated and caused a few thunderstorms in Peshawar division and a few light showers in D. I. Khan division on the 3rd. Weather was otherwise dry in the province during the week.

Day temperatures were slightly below normal in Quetta and Kalat divisions during the first four days of the week and were nearly normal during the last three days. These were slightly above normal in the remaining divisions of the province practically throughout the week except on the 5th when these were markedly above normal in Hyderabad division.

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

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

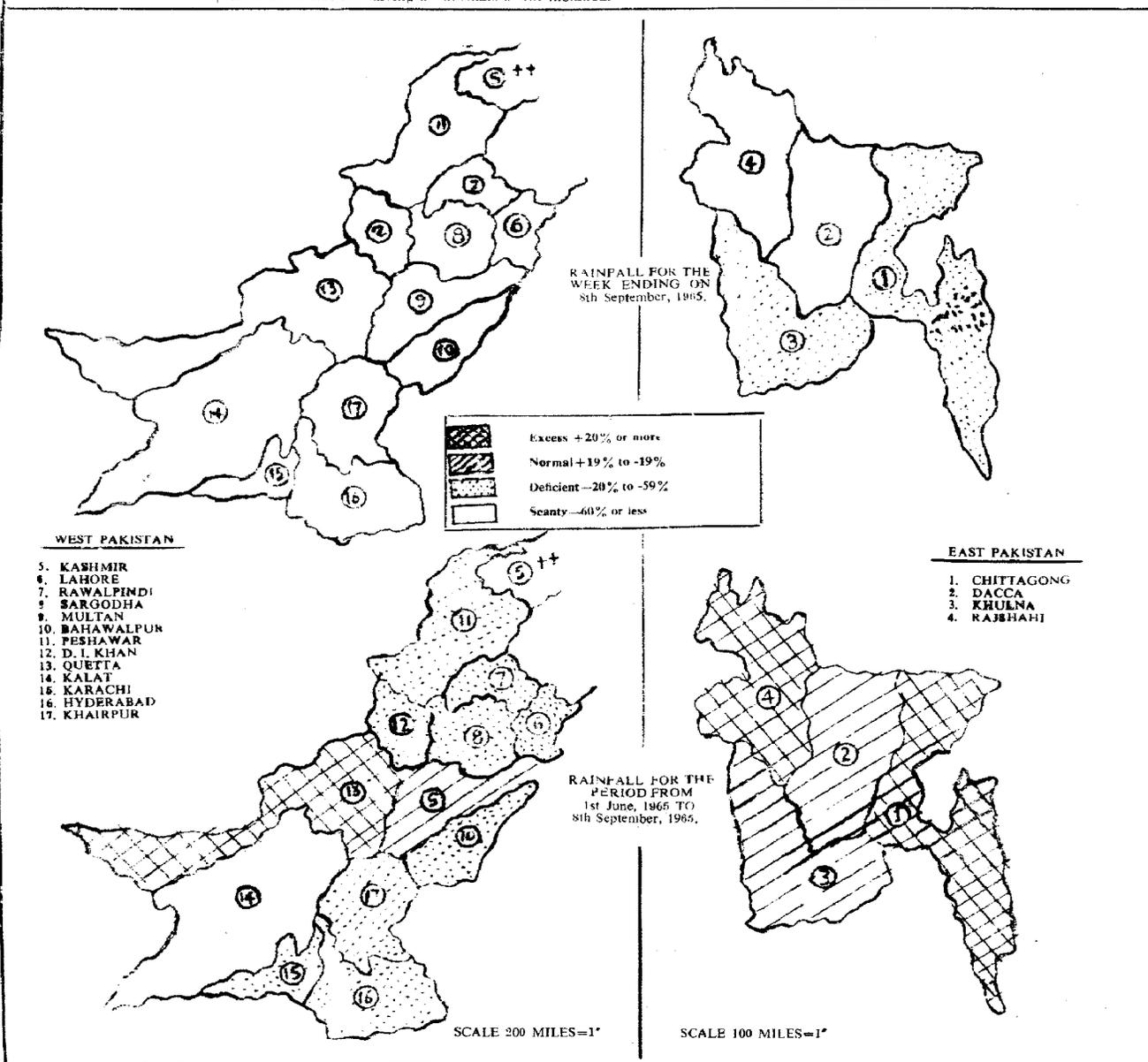
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong, Rajshahi and Quetta divisions; normal in Dacca, Khulna and Multan divisions; deficient elsewhere over West Pakistan outside Kalat division where it was scanty.

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 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 8th September, 1965.			Rainfall for the Period from 1st June, 1965 to 8th September, 1965.			
	* Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	2.3	5.1	- 2.9	8.9	66.5	+ 23.0	+ 35
2. Dacca	0.9	5.8	- 4.9	55.4	48.0	+ 7.3	+ 15
3. Khulna	2.6	4.9	- 2.3	49.1	45.5	+ 3.6	+ 8
4. Rajshahi	0.6	6.5	- 5.9	60.1	48.1	+ 11.9	+ 25
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	2.3	- 2.3	7.6	18.6	- 11.0	- 59
7. Rawalpindi	0	3.3	- 3.3	17.6	28.5	- 10.9	- 38
8. Sargodha	0	1.0	- 1.0	5.9	11.0	- 5.1	- 46
9. Multan	0	0.4	- 0.4	5.3	5.7	- 0.4	- 7
10. Bahawalpur	0	0.2	- 0.2	2.9	4.6	- 1.7	- 36
11. Peshawar	0	1.2	- 1.2	4.5	7.9	- 3.5	- 44
12. D. I. Khan	0	0.4	- 0.4	2.3	4.8	- 2.5	- 52
13. Quetta	0	0.3	- 0.3	3.5	2.8	+ 0.7	+ 27
14. Kalat	0	0	0	0	1.0	- 1.0	- 96
15. Karachi	0	0.1	- 0.1	2.1	3.3	- 1.2	- 36
16. Hyderabad	0	0.7	- 0.7	3.8	6.5	- 2.7	- 42
17. Khairpur	0	0.1	- 0.1	1.3	2.0	- 0.7	- 36
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 September, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Monsoon was active in the beginning but gradually weakened by the end of the week. As consequence rain or thundershowers were fairly widespread to widespread in Dacca and Rajshahi divisions and local elsewhere over the province during the first two days and in Rajshahi division on the 13th and 14th. Scattered rain or thundershowers also occurred in Chittagong division during the last three days and in Khulna division only on the 14th.

Chief amounts of rainfall recorded were:- Dinajpur 4", Chittagong 1½" and Pabna 1" on the 9th; Chittagong, Sylhet and Faridpur 2" each, Khulna and Dinajpur 1½" each and Cox's Bazar, Mymensingh, Narayanganj, Dacca and Satkhira 1" each on the 10th, Comilla, Pabna and Rangpur 1½" on the 11th and Sylhet 2" on the 12th.

Day temperatures were slightly to appreciably below normal in the province on the first two days and were slightly above normal on the last day of the week.

WEST PAKISTAN: A low pressure wave moved across the north of Kashmir on the first day of the week and caused accentuation of the seasonal trough of low pressure which remained well marked throughout the week. In their association scattered thunderstorms or showers occurred in Peshawar division on the 9th, 10th and in Lahore and Rawalpindi divisions on the 11th. Jhelum reported ½" of rainfall on the 11th. Weather remained dry elsewhere over the province during the rest of the week except for isolated thunderstorms in Peshawar division on the 18th.

Day temperatures were generally slightly above normal in the northern parts of the province throughout the week and were slightly below normal over Kalat and Quetta divisions during the first five days and in Khairpur division on the 14th. On the last day these were slightly to appreciably above normal over the whole province.

2. CHITTAGONG DIVISION :	Rainfall was local on four days and scattered on three days.
DACCA DIVISION :	Widespread and fairly widespread rain fell on one day each and local on two days.
KHULNA DIVISION :	Rainfall was local and scattered on two days each.
RAJSHAHI DIVISION :	Fairly widespread, local and scattered rain fell on two days each.
KASHMIR :	Data not available.
LAHORE DIVISION :	Scattered rain fell on one day.
RAWALPINDI DIVISION :	} Weather remained dry.
SARGODHA DIVISION :	
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 data of the stations having normals the week's rainfall was normal in Rajshahi division, deficient in Dacca and Khulna divisions and scanty in Chittagong divisions. No rainfall in West Pakistan.

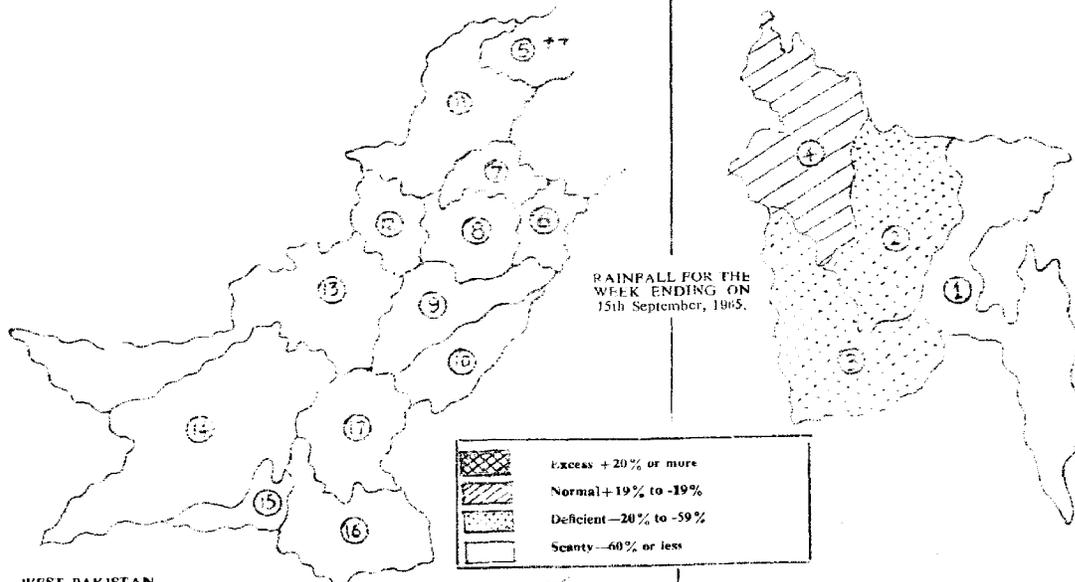
Rainfall for the period from 1st June 1965 to date was in excess in Chittagong, Rajshahi and Quetta divisions; normal in Dacca, Khulna and Multan divisions; deficient elsewhere in West Pakistan outside Lahore and Kalat divisions where it was scanty.

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 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 15th September, 1965.			Rainfall for the Period from 1st June, 1965 to 15th September, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	1.3	5.1	— 3.8	90.8	71.6	+ 19.2	+ 27
2. Dacca	2.1	5.7	— 0.5	57.5	50.7	+ 6.8	+ 13
3. Khulna	1.0	1.9	— 0.9	59.0	47.3	+ 2.7	+ 6
4. Rajshahi	3.2	2.8	+ 0.4	63.3	51.0	+ 12.3	+ 24
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.7	— 0.7	7.6	19.4	— 11.8	— 61
7. Rawalpindi	0	1.2	— 1.2	17.6	29.7	— 12.1	— 41
8. Sargodha	0	0.3	— 0.3	5.9	11.4	— 5.5	— 48
9. Multan	0	0.2	— 0.2	5.3	5.9	— 0.7	— 11
10. Bahawalpur	0	0.1	— 0.1	2.9	4.7	— 1.7	— 37
11. Peshawar	0	0.4	— 0.4	4.5	8.3	— 3.9	— 46
12. D. I. Khan	0	0.3	— 0.3	2.3	5.1	— 2.8	— 55
13. Quetta	0	0.1	— 0.1	3.5	2.9	+ 0.7	+ 23
14. Kalat	0	0	0	0	1.0	— 1.0	— 96
15. Karachi	0	0.1	— 0.1	2.1	3.4	— 1.3	— 38
16. Hyderabad	0	0.3	— 0.3	3.8	7.7	— 4.0	— 51
17. Khairpur	0	0.1	— 0.1	1.3	2.1	— 0.8	— 38
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.

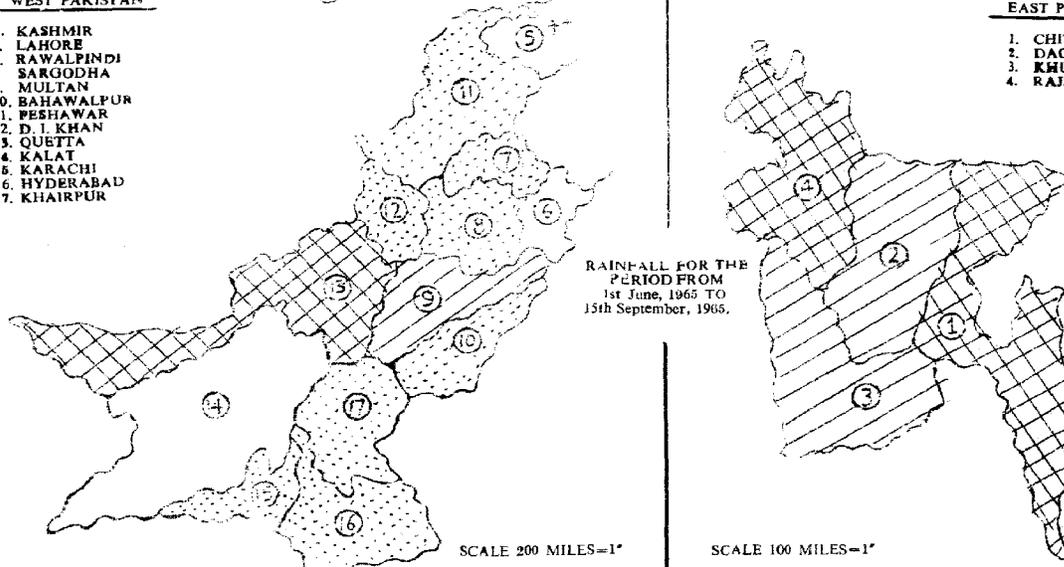


WEST PAKISTAN

- 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 22nd September, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: A low pressure wave moved into east central Bay of Bengal on the first day of the week. It concentrated into a depression by the 18th morning and was centred at 0300 hours GMT within one degree of Latitude 16°N and Longitude 86°E. Moving initially in a westerly direction it crossed coast close to Nellore during the night of 19th. Thereafter it weakened into a well marked low, gradually recurved northnortheastwards and lay over east Madhya Pradesh and adjoining Orissa on the last day of the week.

Under its influence fairly widespread and widespread rain or thundershowers occurred in Dacca division on the 18th to 20th, in Khulna division between 19th and 22nd and in Chittagong division on the 21st. Scattered to local rain or thundershowers occurred elsewhere over the province throughout the week except on the first day when the weather was dry.

Chief amounts of rainfall recorded were:- Sylhet 2" on the 17th and 18th; Dacca 4", Majdee Court and Faridpur 3" each and Comilla, Srimangal and Narayanganj 2" each on the 19th; Faridpur and Khulna 2" each, Sylhet, Narayanganj and Sirajganj 1½" each on the 20th, Majdee Court and Narayanganj 3" each on the 21st and Satkhira 4" on the 22nd.

Day temperatures were slightly above normal over the province during first three days and were slightly to appreciably below normal during the subsequent three days and became normal on the last day of the week.

WEST PAKISTAN: Weather remained dry in the province for the first three days of the week. Thereafter a western disturbance moved eastwards across north Afghanistan and caused scattered thundershowers in Peshawar and Rawalpindi divisions on the 19th and local thundershowers in Rawalpindi division and scattered in Peshawar and Quetta divisions on the 20th. The seasonal trough of low remained accentuated during the last two days of the week. Under its influence scattered thunderstorms or showers occurred in Peshawar division on the 21st and fairly widespread in Rawalpindi division and scattered in Peshawar division on the 22nd.

Chief amounts of rainfall recorded were:- Fortsandeman ½" on the 20th; Murree ½" on the 21st and Rawalpindi and Kakul ¾" on the 22nd.

Day temperatures were slightly to appreciably above normal in the northern divisions of the province during the first three days of the week and were slightly below normal in the southern divisions from the 17th to 19th. These were below normal to the same extent in the northern divisions on the 20th and 21st and slightly above normal only in Peshawar division and nearly normal over the rest of the province on the last day.

2. CHITTAGONG DIVISION :	Rainfall was fairly widespread on one day, local on two days and scattered on three days.
DACCA DIVISION :	Widespread rain fell on one day and fairly widespread and local on two days each.
KHULNA DIVISION :	Rainfall was fairly widespread on four days and local on two days.
RAJSHAHI DIVISION :	Local and scattered rain fell on three days each.
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 two days.
SARGODHA DIVISION :	} Weather remained dry.
MULTAN DIVISION :	
BAHAWALPUR DIVISION :	
PESHAWAR DIVISION :	Scattered rain fell on four days.
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 data of the stations having normals, the week's rainfall was in large excess in Dacca, Khulna and Quetta divisions; normal in Chittagong and Rawalpindi divisions; deficient in Rajshahi division and scanty in Lahore and Peshawar divisions whereas no rain fell elsewhere in West Pakistan.

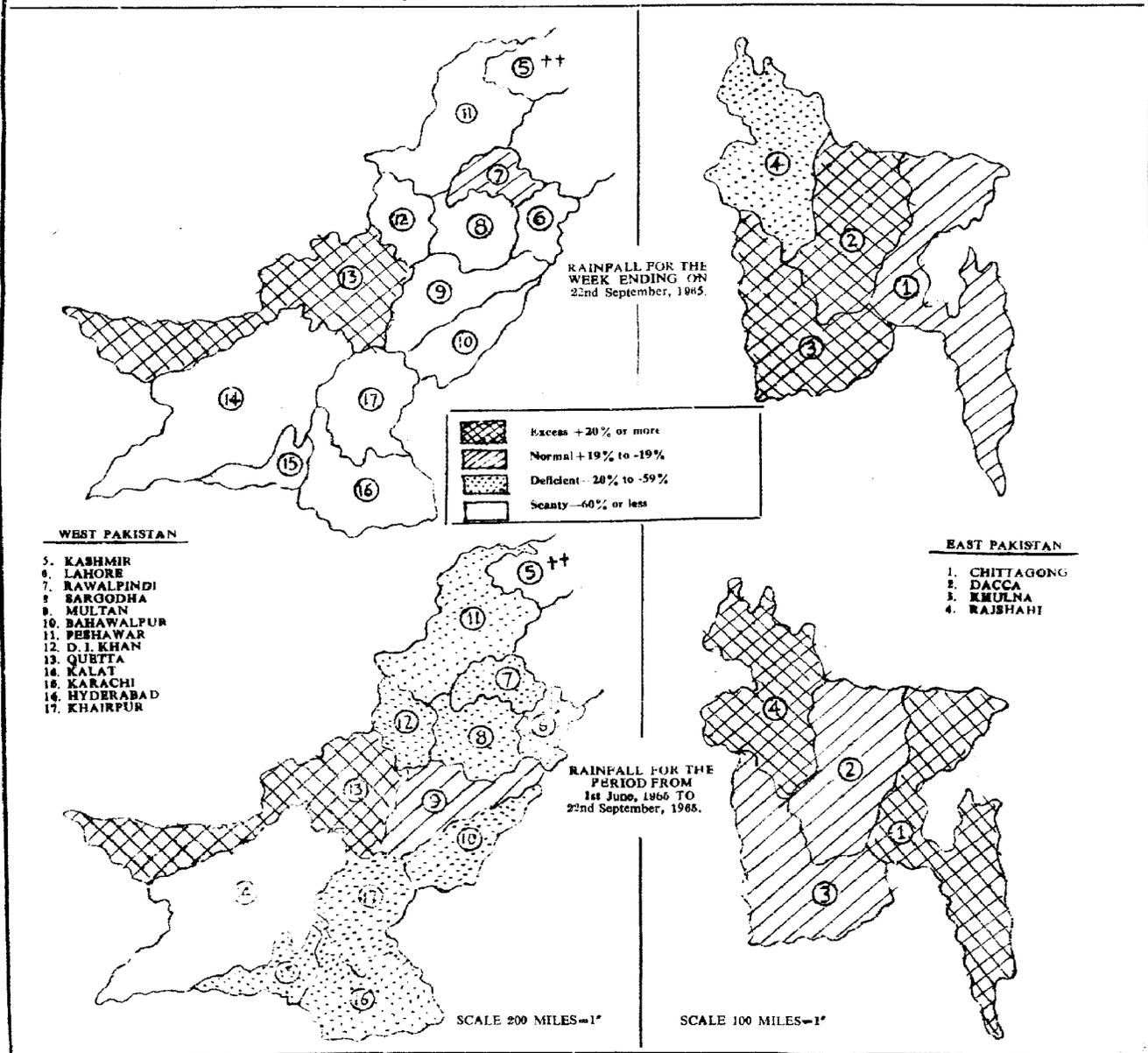
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong, Rajshahi and Quetta divisions; normal in Dacca, Khulna and Multan divisions; deficient elsewhere in West Pakistan outside Lahore and Kalat divisions where it was scanty.

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 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 22nd September, 1965.			Rainfall for the Period from 1st June, 1965 to 22nd September, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	3.1	2.9	+ 0.2	93.9	74.5	+ 19.4	+ 26
2. Dacca	5.6	2.8	+ 2.8	63.1	53.5	+ 9.7	+ 18
3. Khulna	3.5	2.1	+ 1.4	53.5	49.4	+ 4.1	+ 8
4. Rajshahi	1.5	2.9	- 1.3	64.8	53.4	+ 11.8	+ 20
5. Kashmir ††	—	—	—	—	—	—	—
6. Lahore	0	0.6	- 0.6	7.6	20.0	- 12.0	- 62
7. Rawalpindi	0.9	0.9	- 0.1	18.5	30.6	- 12.2	- 39
8. Sargodha	0	0.3	- 0.3	5.9	11.6	- 5.7	- 49
9. Multan	0	0.3	- 0.3	5.3	6.2	- 0.9	- 18
10. Bahawalpur	0	0	0	2.9	4.7	- 1.7	- 38
11. Peshawar	0	0.3	- 0.3	4.5	8.6	- 4.1	- 48
12. D. I. Khan	0	0.2	- 0.2	2.3	5.2	- 2.9	- 56
13. Quetta	0.1	0	+ 0.1	3.6	2.9	+ 0.7	+ 26
14. Kalat	0	0	0	0	1.1	- 1.0	- 96
15. Karachi	0	0.1	- 0.1	2.1	3.4	- 1.3	- 38
16. Hyderabad	0	0.1	- 0.1	3.7	7.9	- 4.1	- 53
17. Khairpur	0	0	0	1.3	2.1	- 0.8	- 39
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 September, 1965.

—:o:—

SUMMARY OF WEATHER

EAST PAKISTAN: Last week's well marked low over northeast Madhya Pradesh and adjoining Orissa continued moving slowly in northeasterly direction and weakened into a trough on the 27th while lying over East Pakistan. Another low pressure area developed over Central Bay of Bengal on the 28th and persisted till the end of the week.

In their association rain or thundershowers were fairly widespread to widespread in Chittagong Dacca and Rajshahi divisions on the 26th, only in Rajshahi division on the 27th and in Khulna division on the 28th. Scattered to local rain or thundershowers occurred elsewhere over the province throughout the week.

Chief amounts of rainfall recorded were:- Dinajpur 2" on the 24th; Majdee Court 2" and Brahmanbaria Sylhet and Faridpur. 1½" each on the 26th; Satkhira and Jessore 2" each and Faridpur, Pabna Sirajganj and Bogra 1½" each on the 27th and Sylhet and Bogra 1½" each on the 29th.

Day temperatures remained nearly normal over the province except on the 26th and 27th when these were slightly to appreciably below normal.

WEST PAKISTAN: A western disturbance moving northeastwards across Afghanistan caused accentuation of the seasonal low which remained well marked between the 23rd and 25th. Under its influence rain or thundershowers were scattered to local in northern divisions of the province during the period. Nearly general thunderstorm activity or light showers were also reported from Rawalpindi division on the 25th.

Some of the noteworthy amounts of rainfall recorded were Kakul 1½", Parachinar 1", Murree 1" and Haripur ½" on the 23rd; Lahore ½" Drosh, Kakul and Parachinar ½" each on the 24th and Parachinar ½" and Sargodha, Bannu and Harnai ½" each on the 25th.

Day temperatures were slightly below normal in Peshawar and Rawalpindi divisions on the 23rd and slightly to appreciably below normal in Kalat and Quetta divisions during the last four days of the week.

2. CHITTAGONG DIVISION :	Rainfall was fairly widespread on one day and local and scattered on three days.
DACC A DIVISION :	Rainfall was widespread on one day and local and scattered on two days each.
KHULNA DIVISION :	Fairly widespread rain fell on one day, local on two days and scattered on three days.
RAJSHAHI DIVISION :	Rainfall was widespread and fairly widespread on one day each, local on three days and scattered on two days.
KASHMIR :	Data not available.
LAHORE DIVISION :	Local rain fell on one day.
RAWALPINDI DIVISION :	Fairly widespread and scattered rain fell on one day each.
SARGODHA DIVISION :	Local rain fell on one day.
MULTAN DIVISION :	} Weather remained dry.
BAHAWALPUR DIVISION :	
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 :	Scattered rain fell on two days.
KALAT DIVISION :	} Weather remained dry.
KARACHI DIVISION :	
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 Quetta division; normal in East Pakistan and in Lahore division; deficient in Rawalpindi division and scanty in Sargodha and Peshawar divisions. No rain fell elsewhere in West Pakistan.

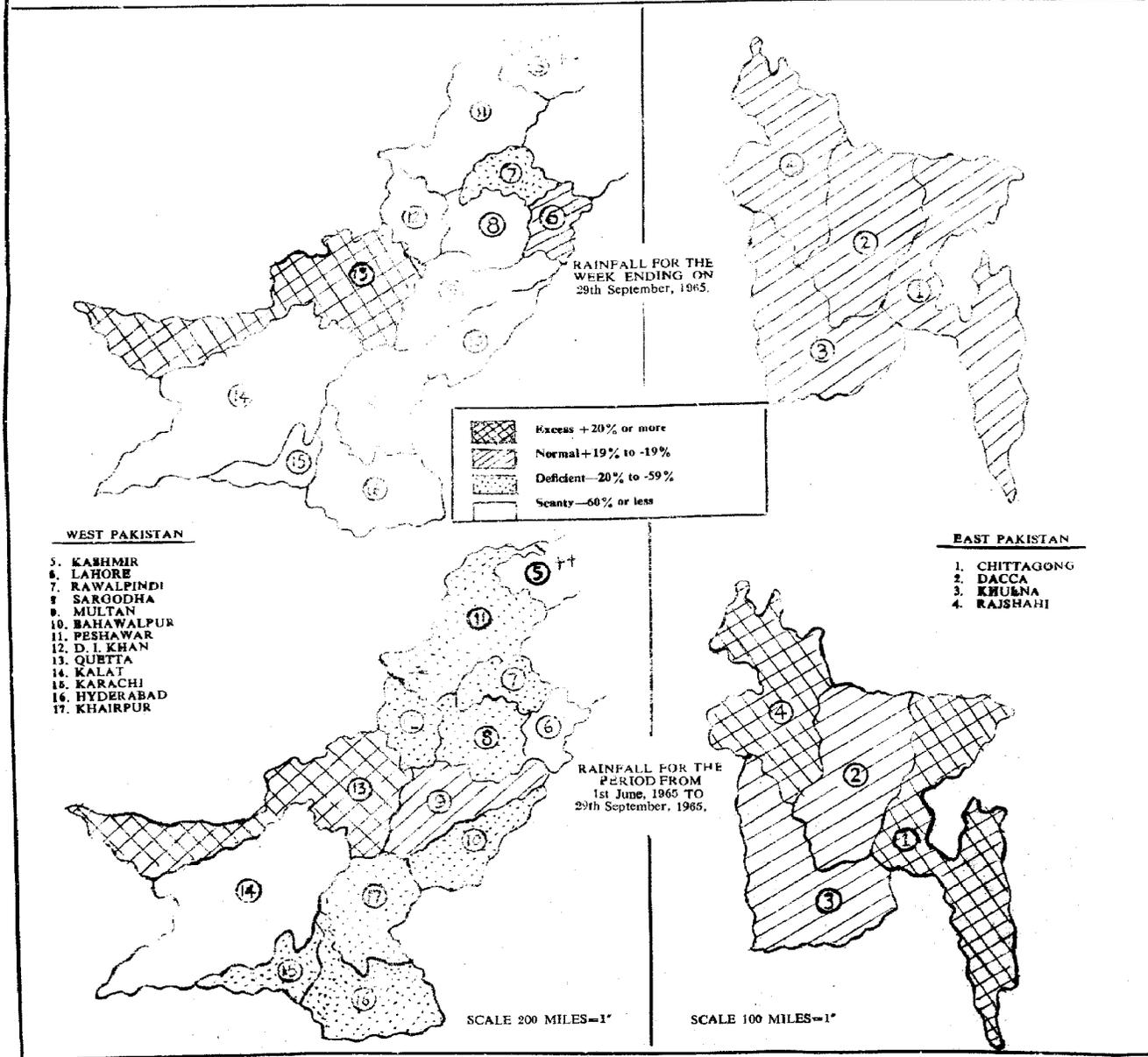
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong, Rajshahi and Quetta divisions; normal in Dacca, Khulna and Multan divisions and deficient elsewhere in West Pakistan outside Lahore and Kalat divisions.

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 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 29th September, 1965.			Rainfall for the Period from 1st June, 1965 to 29th September, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	2.2	2.6	— 0.3	96.1	77.0	+ 19.1	+ 25
2. Dacca	1.7	2.1	— 0.3	64.8	55.5	+ 9.3	+ 17
3. Khulna	1.9	2.0	— 0.1	55.4	51.4	+ 4.0	+ 8
4. Rajshahi	2.2	2.5	— 0.3	67.1	56.4	+ 10.7	+ 19
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.2	0.2	0	7.8	20.2	— 12.4	— 61
7. Rawalpindi	0.4	0.8	— 0.3	18.9	31.4	— 12.5	— 40
8. Sargodha	0	0.2	— 0.2	5.9	11.8	— 5.9	— 50
9. Multan	0	0.2	— 0.2	5.3	6.4	— 1.1	— 17
10. Bahawalpur	0	0	0	2.9	4.7	— 1.7	— 37
11. Peshawar	0	0.2	— 0.2	4.5	8.7	— 4.3	— 49
12. D. I. Khan	0	0.2	— 0.2	2.3	5.4	— 3.1	— 58
13. Quetta	0.1	0	+ 0.1	3.7	2.9	+ 0.8	+ 28
14. Kalat	0	0	0	0	1.1	— 1.0	— 96
15. Karachi	0	0	0	2.1	3.4	— 1.3	— 38
16. Hyderabad	0	0.1	— 0.1	3.7	7.9	— 4.2	— 53
17. Khairpur	0	0	0	1.3	2.1	— 0.9	— 40
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 October 1965.

—:O:—

SUMMARY OF WEATHER

EAST PAKISTAN : Last week's low pressure area over the central Bay of Bengal moved slowly to the north bay of Bengal and became well marked by the end of the week. Under its influence rain or thundershowers were fairly widespread in Dacca division on the 1st, in Chittagong division on the 2nd and scattered to local in Rajshahi division on the 30th and 1st; in Khulna division only on the 1st and in Chittagong division practically throughout the rest of the week.

Chief amounts of rainfall were: Cox's Bazar 4", Chittagong 1½" and Pabna ¾" each on the 30th Sept. Brahmanbaria 1½", Sirajganj and Rajshahi 1" each and Rangmati ¾" on Oct. and Rangmati 1" on the 3rd.

Night temperatures remained nearly normal over the province throughout the week.

WEST PAKISTAN : A western disturbance moving across the extreme north of the province in the beginning of the week caused scattered to local thunderstorms or showers in Rawalpindi and Peshawar divisions on the 2nd and 3rd. Weather remained dry over the province for the rest of the week.

Chief amounts of rainfall recorded were:- Murree ¾" and Droshi, Cherat and Haripur ½" each on the 2nd and Kakul ¾" on the 3rd.

Night temperatures were slightly below normal in the northern parts of the province or the first day of the week and were slightly to appreciably above normal practically over the whole province during the rest of the week.

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

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

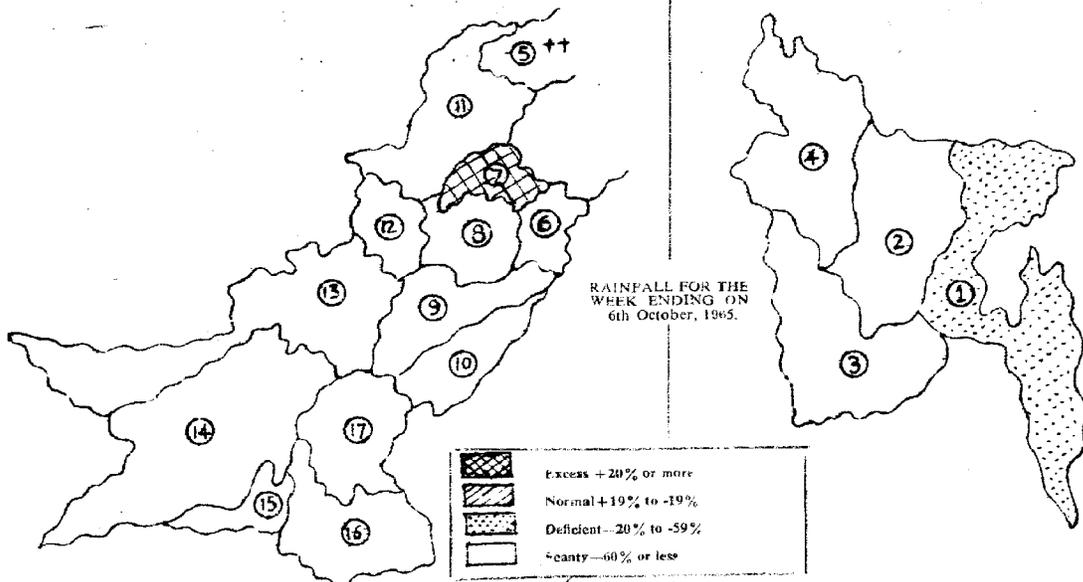
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong and Quetta divisions; normal in Dacca, Khulna, Rajshahi and Multan divisions and deficient elsewhere in West Pakistan outside Lahore and Kalat divisions where it was scanty.

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 1965 to-date.

WEEKLY WEATHER REPORT

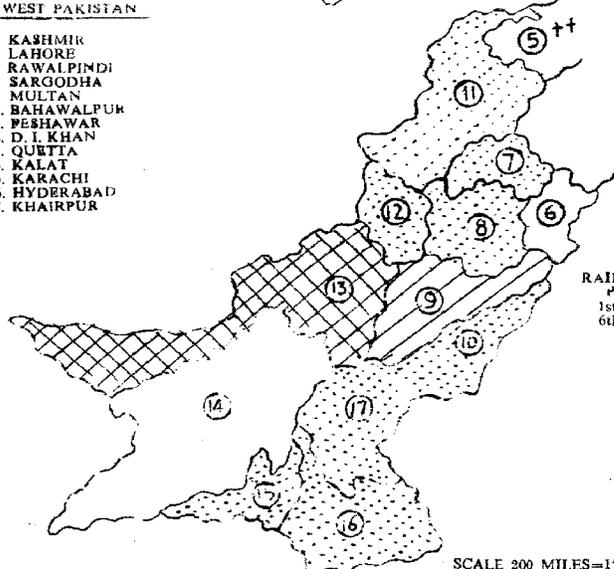
DIVISION	Rainfall for week ending the 6th October, 1965.			Rainfall for the Period from 1st June, 1965 to 6th October, 1965.			
	* Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	1.6	2.2	- 0.5	97.7	79.2	+ 18.5	+ 23
2. Dacca	0.1	1.6	- 1.5	94.9	57.1	+ 7.8	+ 14
3. Khulna	0.	1.3	- 1.3	55.5	52.8	+ 2.7	+ 5
4. Rajshahi	0.3	1.4	- 1.1	6.74	57.8	+ 9.6	+ 17
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	7.8	20.4	- 12.5	- 62
7. Rawalpindi	0.5	0.4	+ 0.1	19.5	31.9	- 12.4	- 39
8. Sargodha	0	0.1	- 0.1	5.9	11.9	- 6.0	- 50
9. Multan	0	0.1	- 0.1	5.3	6.4	- 1.2	- 18
10. Bahawalpur	0	0	0	2.9	4.7	- 1.7	- 36
11. Peshawar	0.3	0.1	+ 0.1	4.7	8.9	- 4.2	- 47
12. D. I. Khan	0	0.1	- 0.1	2.3	5.5	- 3.2	- 59
13. Quetta	0	0	0	3.7	2.9	+ 0.8	+ 28
14. Kalat	0	0	0	0	1.1	- 1.0	- 96
15. Karachi	0	0	0	2.1	3.4	- 1.3	- 38
16. Hyderabad	0	0	0	3.7	7.9	- 4.2	- 53
17. Khairpur	0	0	0	1.3	2.2	- 0.9	- 40
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"

Restricted

Vol. No. 19

Met. O-211

Serial No. 41

Regd.No.S-1451

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 13th October 1965.

—:o:—

SUMMARY OF WEATHER

EAST PAKISTAN : The well marked low pressure areas of last week in the north Bay of Bengal moved northeast-wards, intensified into a depression on the 8th and was centred at 0300 hrs. GMT within one degree of Latitude 20 degrees North and Longitude 91 degrees East. It continued moving in the same direction and crossed coast during the night of 9th about 20 miles south of Cox's Bazar. Thereafter it weakened into a low and moved away northeastwards. Under its influence rain or thundershowers were local in Chittagong division on the 7th and 8th and scattered over there on the 9th and scattered in Dacca and Rajshahi divisions on the 10th and 11th.

Chief amounts of rainfall recorded were Chittagong $\frac{1}{2}$ " on the 7th; Cox's Bazar $1\frac{1}{2}$ " on the 8th and 9th; Dinajpur $\frac{1}{2}$ " on the 10th and Sirajganj $1\frac{1}{2}$ " on the 11th.

Night temperatures remained nearly normal over the province throughout the week except on the 8th when these were slightly above normal in Chittagong division.

WEST PAKISTAN : Weather remained dry over the province during the whole week except for scattered thunderstorms or light showers in Peshawar division on the first day and in Multan division on the last day.

Night temperatures were markedly to considerably above normal in Quetta and Kalat divisions on the 9th and 10th and were appreciably to markedly so over the whole province throughout the week except for Karachi and Hyderabad divisions.

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

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

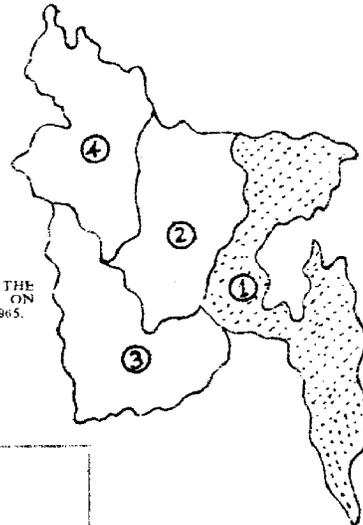
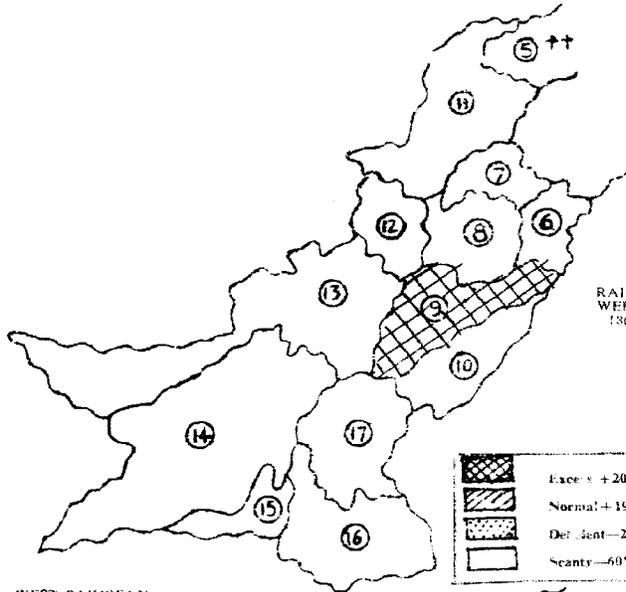
Rainfall for the period from 1st June 1965 to date was in excess in Chittagong and Quetta divisions; normal in Dacca, Khulna, Rajshahi and Multan divisions and deficient elsewhere in West Pakistan outside Lahore and Kalat divisions where it was scanty.

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, 1965 to-date.

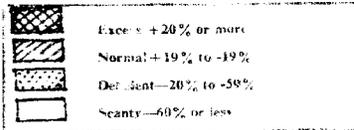
WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 13th October, 1965.			Rainfall for the Period from 1st June, 1965 to 13th October, 1965			
	Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.7	1.6	-- 0.9	98.4	80.8	+ 17.6	+ 22
2. Dacca	0.1	1.4	-- 1.2	65.0	58.5	+ 6.6	+ 11
3. Khulna	0	1.2	-- 1.2	55.5	53.9	+ 1.5	+ 3
4. Rajshahi	0.4	1.4	-- 1.0	67.8	59.2	+ 8.6	+ 15
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	-- 0.1	7.8	20.4	-- 12.6	-- 62
7. Rawalpindi	0	0.3	-- 0.2	19.5	32.1	-- 12.6	-- 39
8. Sargodha	0	0	0	5.9	11.9	-- 6.0	-- 50
9. Multan	0	0	0	5.3	6.4	-- 1.1	-- 17
10. Bahawalpur	0	0	0	2.9	4.7	-- 1.7	-- 37
11. Peshawar	0	0.1	-- 0.1	4.7	8.9	-- 4.2	-- 47
12. D. I. Khan	0	0	0	2.3	5.5	-- 3.2	-- 58
13. Quetta	0	0	0	3.7	3.0	+ 0.8	+ 26
14. Kalat	0	0	0	0	1.1	-- 1.0	-- 96
15. Karachi	0	0	0	2.1	3.4	-- 1.3	-- 38
16. Hyderabad	0	0	0	3.7	7.9	-- 4.2	-- 53
17. Khairpur	0	0	0	1.3	2.2	-- 0.9	-- 40
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.

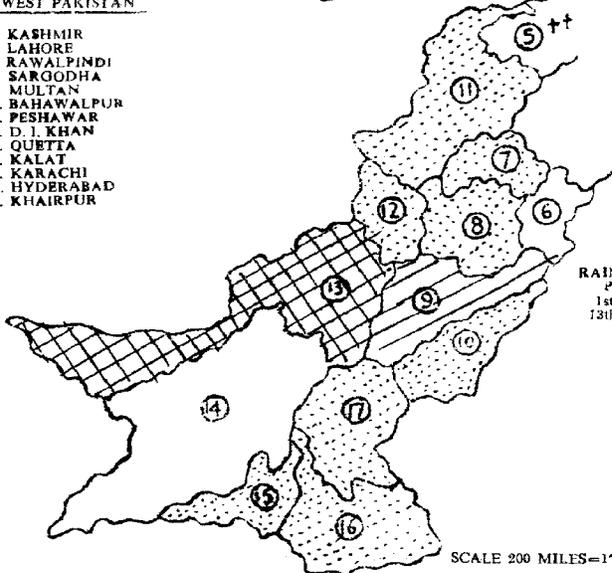


RAINFALL FOR THE
WEEK ENDING ON
13th October, 1965.



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

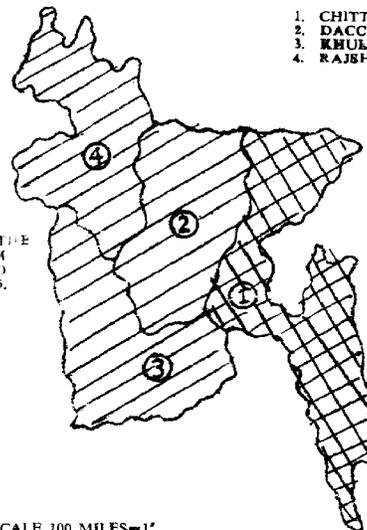


RAINFALL FOR THE
PERIOD FROM
1st June, 1965 TO
13th October, 1965.

SCALE 200 MILES=1"

EAST PAKISTAN

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



SCALE 100 MILES=1"

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 20th October, 1965.

—o:O:o—

SUMMARY OF WEATHER

EAST PAKISTAN: Two westerly low pressure waves moved across the province during the week.

The first one appeared over north Bihar and neighbourhood on the first day of the week. It lay over West Bengal on the next day and thereafter moved away northwestwards. The second appeared over south Uttar Pradesh and adjoining areas on the 14th and slowly moved away across the north of the province on the last day of the week.

In their association scattered rain or thundershowers occurred in Chittagong division on the 16th and 19th; in Dacca division on the 18th and 19th; in Khulna division on the 20th and in Rajshahi division on the 18th and 20th.

Night temperatures were slightly to appreciably above normal in Dacca and Khulna divisions on the 16th, in the province on the 17th and the 18th and only in Chittagong division on the 20th.

WEST PAKISTAN: A western disturbance moving across Afghanistan induced a secondary over Kalat division on the first day. This secondary moved slowly, fairly widespread in Rawalpindi and Sargodha divisions and scattered in Multan, Bahawalpur and Quetta divisions on the 14th. Thereafter scattered light rain or thunderstorms occurred in Rawalpindi, Sargodha, Peshawar, Quetta and Kalat divisions on the 15th and 16th, in Lahore, Rawalpindi and Sargodha divisions on the 17th and in Rawalpindi and Peshawar divisions on the 18th.

Weather remained dry over the province for the remaining period of the week.

Chief amounts of rainfall were:- Jhelum 2", Murree 1" and Parachinar $\frac{1}{2}$ " on the 14th and Parachinar $\frac{1}{2}$ " on the 18th.

Night temperatures were slightly to appreciably above normal over the province throughout the week except on the 14th when these were appreciably to markedly above normal in Quetta, Kalat and Khairpur divisions and on the 19th when these were so in Quetta division only.

2. CHITTAGONG DIVISION :	}	
DACCA DIVISION :		Rainfall was scattered on two days.
KHULNA DIVISION :	}	Scattered rain fell on one day.
RAJSHAHI DIVISION :		Rainfall was scattered on two days.
KASHMIR :		Data not available.
LAHORE DIVISION :		Widespread rain fell on one day.
RAWALPINDI DIVISION :		Rainfall was fairly widespread and scattered on one day each.
SARGODHA DIVISION :	}	
MULTAN DIVISION :		Scattered rain fell on one day.
BAHAWALPUR DIVISION :		Weather remained dry.
PESHAWAR DIVISION :		Scattered rain fell on three days.
D. I. KHAN DIVISION :	}	
QUETTA DIVISION :		
KALAT DIVISION :		
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 Lahore, Rawalpindi and Multan divisions; in excess in Sargodha division and scanty in East Pakistan and in Peshawar division. No rain fell elsewhere in West Pakistan.

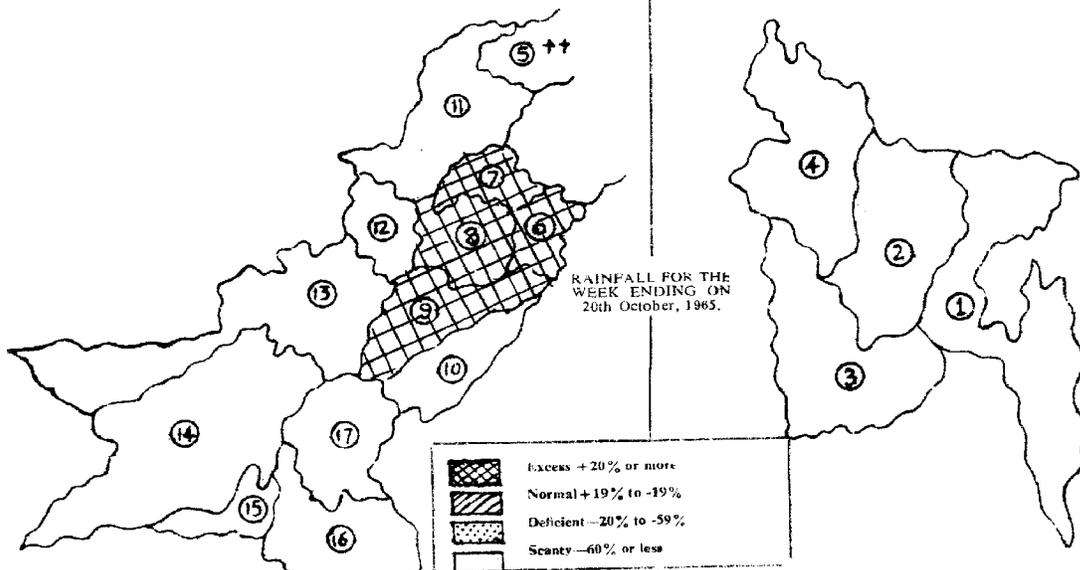
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong and Quetta divisions; normal in Dacca, Khulna, Rajshahi and Multan divisions and deficient elsewhere in West Pakistan outside Lahore and Kalat divisions where it was scanty.

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 1965 to-date.

WEEKLY WEATHER REPORT

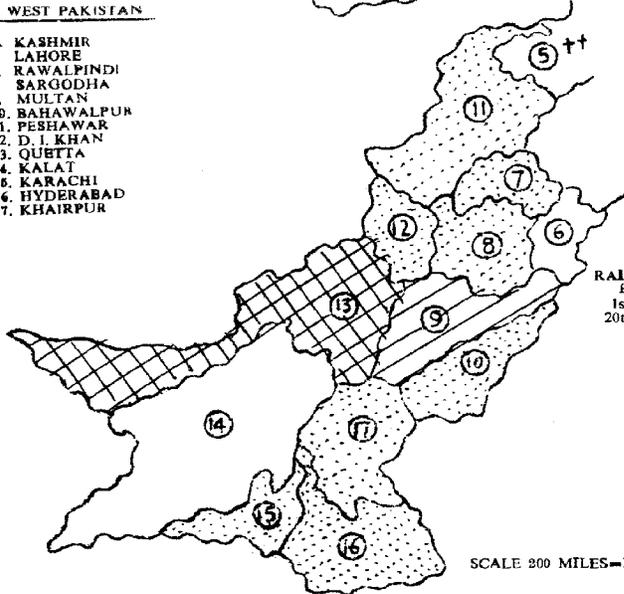
DIVISION	Rainfall for week ending the 20th October, 1965.			Rainfall for the Period from 1st June, 1965 to 20th October, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	0.2	1.3	— 1.2	98.6	82.1	+ 16.4	+ 20
2. Dacca	0.1	1.6	— 1.2	65.2	59.8	+ 5.3	+ 9
3. Khulna	0.1	1.2	— 1.1	55.5	55.1	+ 0.4	+ 1
4. Rajshahi	0.1	1.6	— 1.6	6.79	60.8	+ 7.0	+ 12
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.3	0.1	+ 0.2	8.1	20.5	— 12.4	— 65
7. Rawalpindi	0.9	0.2	+ 0.6	20.3	32.2	— 12.0	— 37
8. Sargodha	0.1	0	0	5.9	11.9	— 6.0	— 50
9. Multan	0.1	0	+ 0.1	5.4	6.4	— 1.1	— 16
10. Bahawalpur	0	0	0	2.9	4.7	— 1.8	— 40
11. Peshawar	0	0.1	— 0.1	4.7	9.1	— 4.4	— 48
12. D. I. Khan	0	0	0	2.3	5.5	— 3.2	— 58
13. Quetta	0	0	0	3.7	3.0	+ 0.7	+ 25
14. Kalat	0	0	0	0	1.1	— 1.1	— 96
15. Karachi	0	0	0	2.1	3.4	— 1.3	— 38
16. Hyderabad	0	0	0	3.7	7.0	— 4.2	— 53
17. Khairpur	0	0	0	1.3	2.2	— 0.9	— 40
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.



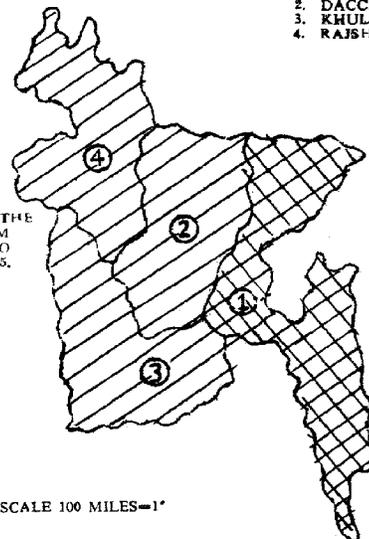
WEST PAKISTAN

- 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



WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 27th October, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: A secondary western disturbance which lay over Chota Nagpur and a adjoining West Bengal on the first day of the week moved west across Assam by the 23rd.

Simultaneously a low pressure area developed over south and adjoining central Bay of Bengal on the first day of the week. It intensified into a depression on the 23rd and was centred at 0300 hours GMT within one degree of Latitude 15.5°N and Longitude 85°E. Moving in northeasterly direction it intensified into a cyclonic storm at 1200 hours GMT on the 24th and was centred within one degree of Latitude 18.5°N and Longitude 90°E. Thereafter it moved rapidly in the same direction crossed coast near Akyab during the night, weakened into a deep depression and was centred at 25.0300 hours GMT about 50 miles northeast of Akyab. It further weakened into a well marked low by the same evening and moved away by the next morning. Under its influence rain or thundershowers were widespread in Dacca division and local elsewhere over the province on the 22nd and scattered to local on the preceding day. Scattered rain or thundershowers also occurred in Chittagong division between the 23rd and 26th and in Rajshahi division only on the 23rd.

Chief amounts of rainfall recorded during the spell were—Majidpur 9", Sylhet 4", Khulna 2" and Comilla and Satkhira 1½" each on the 22nd and Cox's Bazar 2" on the 24th.

Night temperatures were slightly to appreciably above normal in Chittagong division on the 21st and 25th; in Chittagong and Khulna divisions on the 26th and in the province outside Dacca division on the 27th. These were slightly to appreciably below normal in Dacca division on the 23rd.

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

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

2. CHITTAGONG DIVISION :	Rainfall was local on two days and scattered on four days.
DACCA DIVISION :	Widespread rain fell on one day and scattered on another day.
KHULNA DIVISION :	Rainfall was local on one day.
RAJSHAHI DIVISION :	Local rain fell on two days and scattered on one day.
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 data of the stations having normals the week's rainfall was in large excess in Chittagong division; normal in Rajshahi division and deficient in Dacca and Khulna divisions. No rainfall in West Pakistan.

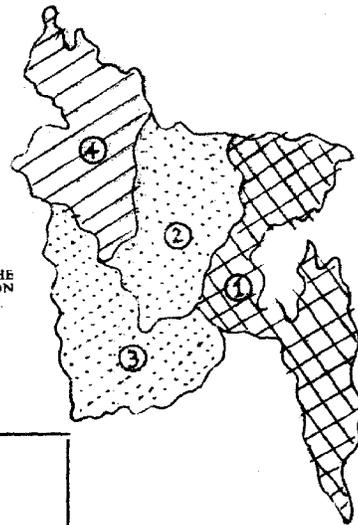
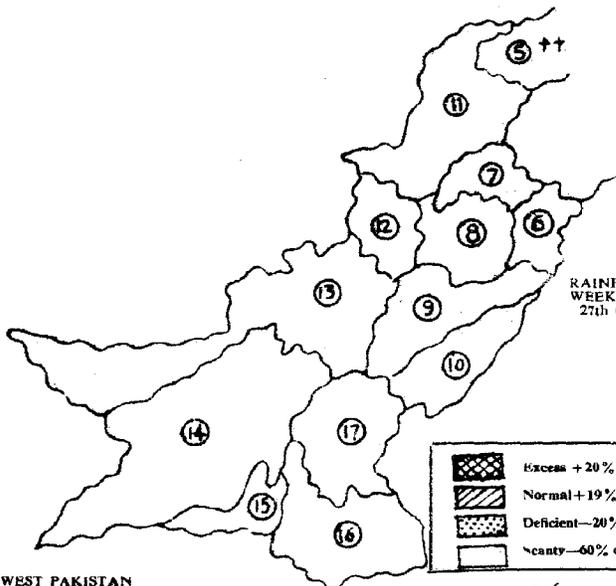
Rainfall for the period from 1st June 1965 to-date was in excess in Chittagong and Quetta divisions; normal in Dacca, Khulna, Rajshahi and Multan divisions and deficient elsewhere in West Pakistan outside Lahore and Kalat divisions where it was scanty.

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 1965 to-date

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 27th October, 1965.			Rainfall for the Period from 1st June, 1965 to 27th October, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	2.8	1.6	+ 1.2	101.4	83.7	+ 17.6	+ 21
2. Dacca	0.7	1.0	— 0.3	65.9	6.08	+ 5.0	+ 8
3. Khulna	0.6	0.9	— 0.2	56.1	56.0	+ 0.2	0
4. Rajshahi	0.7	0.7	0	6.85	61.5	+ 7.0	+ 11
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	— 0.1	8.1	20.6	— 12.4	— 61
7. Rawalpindi	0	0.2	— 0.2	20.3	32.3	— 12.0	— 37
8. Sargodha	0	0	0	5.9	11.9	— 6.0	— 50
9. Multan	0	0	0	5.4	6.5	— 1.1	— 16
10. Bahawalpur	0	0	0	2.9	4.7	— 1.8	— 40
11. Peshawar	0	0.1	— 0.1	4.7	9.1	— 4.4	— 49
12. D. I. Khan	0	0	0	2.3	5.5	— 3.2	— 58
13. Quetta	0	0	0	3.7	3.0	+ 0.7	+ 24
14. Kalat	0	0	0	0	1.1	— 1.1	— 96
15. Karachi	0	0	0	2.1	3.4	— 1.3	— 38
16. Hyderabad	0	0	0	3.7	7.9	— 4.2	— 53
17. Khairpur	0	0	0	1.3	2.2	— 0.8	— 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.

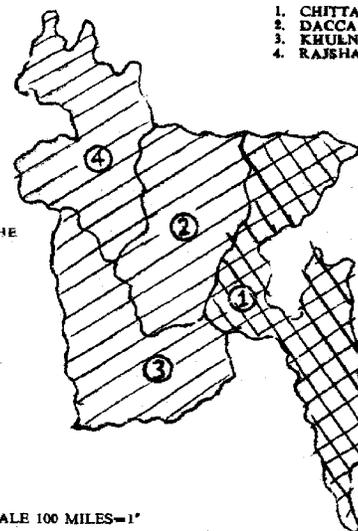
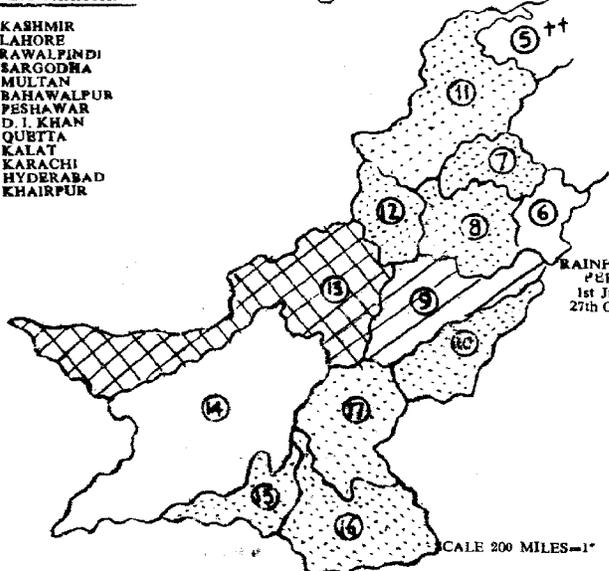


WEST PAKISTAN

- 5. KASHMIR
- 8. 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



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 3rd November, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: A westerly trough of low pressure moved slowly north-northeast-wards from West Bengal and adjoining areas to Assam during the last five days of the week.

Under its influence incursion of moist air took place into East Pakistan from the Bay of Bengal and caused widespread rain or thunderstorms in Dacca division on the 31st and 1st and scattered to local elsewhere over the province outside Khulna division during the last four days of the week.

Night temperatures remained slightly above normal over the province for the last three days of the week.

WEST PAKISTAN: Weather continued to be dry over the province throughout the week.

Night temperatures remained appreciably to markedly above normal.

2. CHITTAGONG DIVISION :	Rainfall was local and scattered on two days each.
DACCA DIVISION :	Widespread rain fell on two days and local and scattered on one day each.
KHULNA DIVISION :	No rain fell during the week.
RAJSHAHI DIVISION :	Rainfall was local on one day and scattered on two days.
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 data of the stations having normals, the week's rainfall was in large excess in Dacca division; normal in Chittagong division and deficient in Rajshahi division. No rain fell in Khulna division and in West Pakistan.

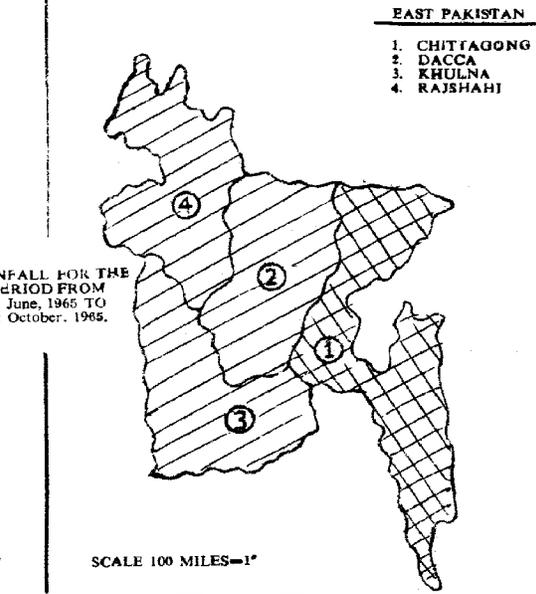
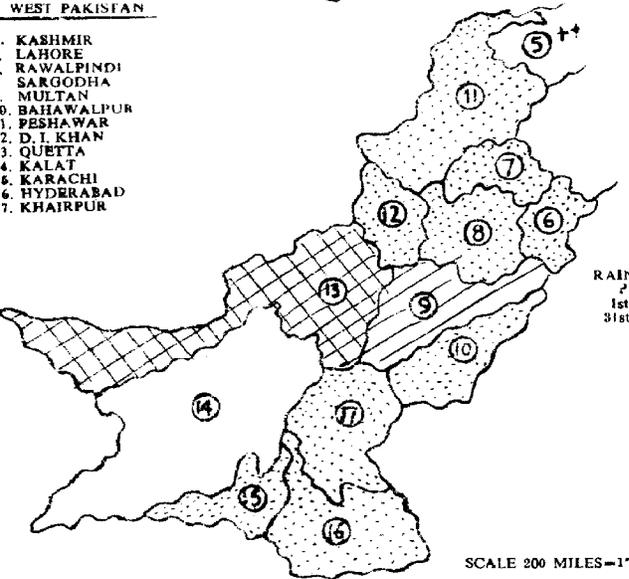
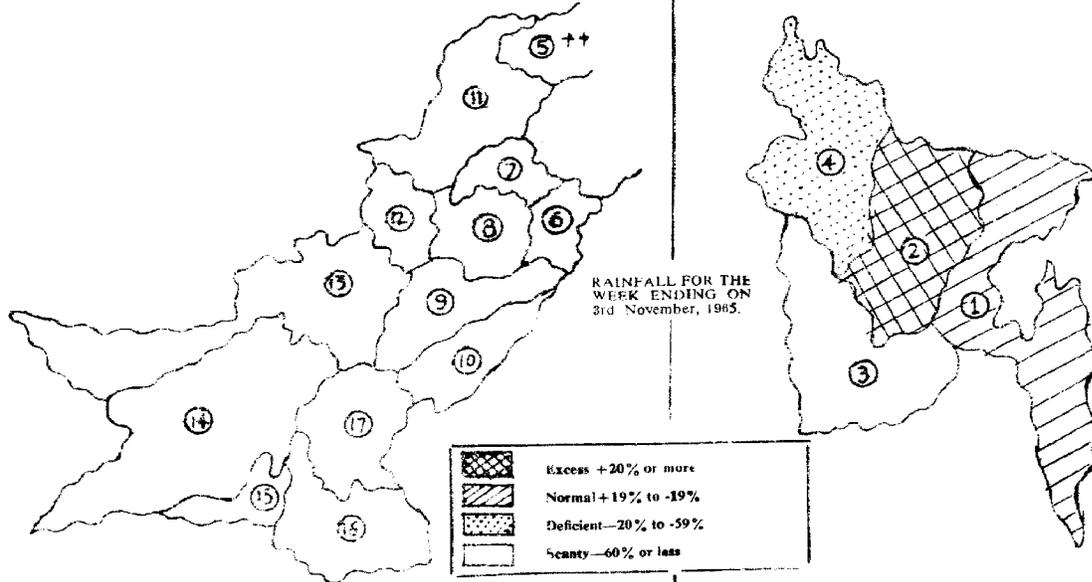
Rainfall for the period from 1st June, 1965 to 31st October, 1965 was in excess in Chittagong and Quetta divisions; normal in Dacca, Khulna, Rajshahi and Multan divisions; deficient elsewhere in West Pakistan outside Kalat division where it was scanty.

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, 1965 to 31st October, 1965.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 3rd November, 1965.			Rainfall for the Period from 1st June, 1965 to 27th October, 1965.			
	Actual	Normal	*Excess or defect	Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	1.4	1.2	+ 0.2	102.7	84.5	+ 18.3	+ 22
2. Dacca	1.6	0.9	+ 0.7	67.5	61.4	+ 6.1	+ 9
3. Khulna	0	0.8	- 0.8	56.1	56.5	+ 0.4	- 1
4. Rajshahi	0.3	0.4	- 0.1	68.8	61.7	+ 7.1	+ 11
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0	0	8.1	20.5	- 12.4	- 61
7. Rawalpindi	0	0.1	- 0.1	20.3	32.4	- 12.1	- 37
8. Sargodha	0	0	0	5.9	11.9	- 6.0	- 50
9. Multan	0	0	0	5.4	6.5	- 1.1	- 16
10. Bahawalpur	0	0	0	2.9	4.7	- 1.8	- 40
11. Peshawar	0	0.1	- 0.1	4.7	9.2	- 4.5	- 50
12. D. I. Khan	0	0	0	2.3	5.5	- 3.2	- 58
13. Quetta	0	0	0	3.7	3.1	+ 0.7	+ 24
14. Kalat	0	0	0	0	1.1	- 1.1	- 96
15. Karachi	0	0	0	2.1	3.4	- 1.3	- 38
16. Hyderabad	0	0	0	3.7	7.9	- 4.3	- 54
17. Khairpur	0	0	0	1.3	2.2	- 0.9	- 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.



- 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

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

WEEKLY WEATHER REPORT FOR PAKISTAN AND KASHMIR

For the week ending at 0300 hours G.M.T. on Wednesday the 10th November, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN : TIROS-10 photograph revealed a cyclonic vortex on the 6th with centre at 0524 Z near Latitude 12.5 °N and Longitude 85.5 °E. It concentrated into a cyclonic storm by the 8th morning centred at 0300 GMT within one degree Latitude 12.5 °N and Longitude 84 °E. It moved in a westerly direction and was centred on the last day of the week at 0300 hours GMT within one degree Latitude 10 °N and Longitude 81 °E.

In the early stages of formation of the vortex incursion of moist air took place in East Pakistan causing fairly widespread rain or thundershowers in Dacca division and local in Chittagong and Rajshahi divisions on the 4th and scattered in upper Chittagong division on the 6th.

Weather otherwise remained dry over the province during the week.

Night temperatures were slightly to appreciably above normal over the province throughout the week except on the last day when these were slightly below normal.

WEST PAKISTAN : A western disturbance moved across the north of West Pakistan during the first day of the week. It caused fairly widespread rain or thundershowers in Rawalpindi division and local in Peshawar division on the 5th and scattered in Rawalpindi division on the 6th.

Chief amounts of rainfall recorded were Murree and Peshawar 1" each and Campbellpur ¾" on the 5th.

Weather remained dry over the province for rest of the week.

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

- | | |
|--------------------------|---|
| 2. CHITTAGONG DIVISION : | Rainfall was local on one day and scattered on another day. |
| DACCA DIVISION : | Fairly widespread rain fell on one day. |
| KHULNA DIVISION : | Wether remained mainly dry during the week. |
| RAJSHAHI DIVISION : | Local rain fell on one day. |
| KASHMIR : | Data not available. |
| LAHORE DIVISION : | Weather remained dry during the week. |
| RAWALPINDI DIVISION : | Rainfall was fairly widespread and scattered on one day each. |
| SARGODHA DIVISION : | Weather remained dry during the week. |
| MULTAN DIVISION : | Local rain fell on one day. |
| BAHAWALPUR DIVISION : | Weather remained dry during the week. |
| PESHAWAR DIVISION : | Local rain fell on one day. |
| 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 data of the stations having normals, the week's rainfall was in large excess in Dacca, Rawalpindi, Multan and Peshawar divisions ; normal in Chittagong division ; deficient in Rajshahi division and scanty in Khulna division whereas no rain fell elsewhere in West Pakistan.

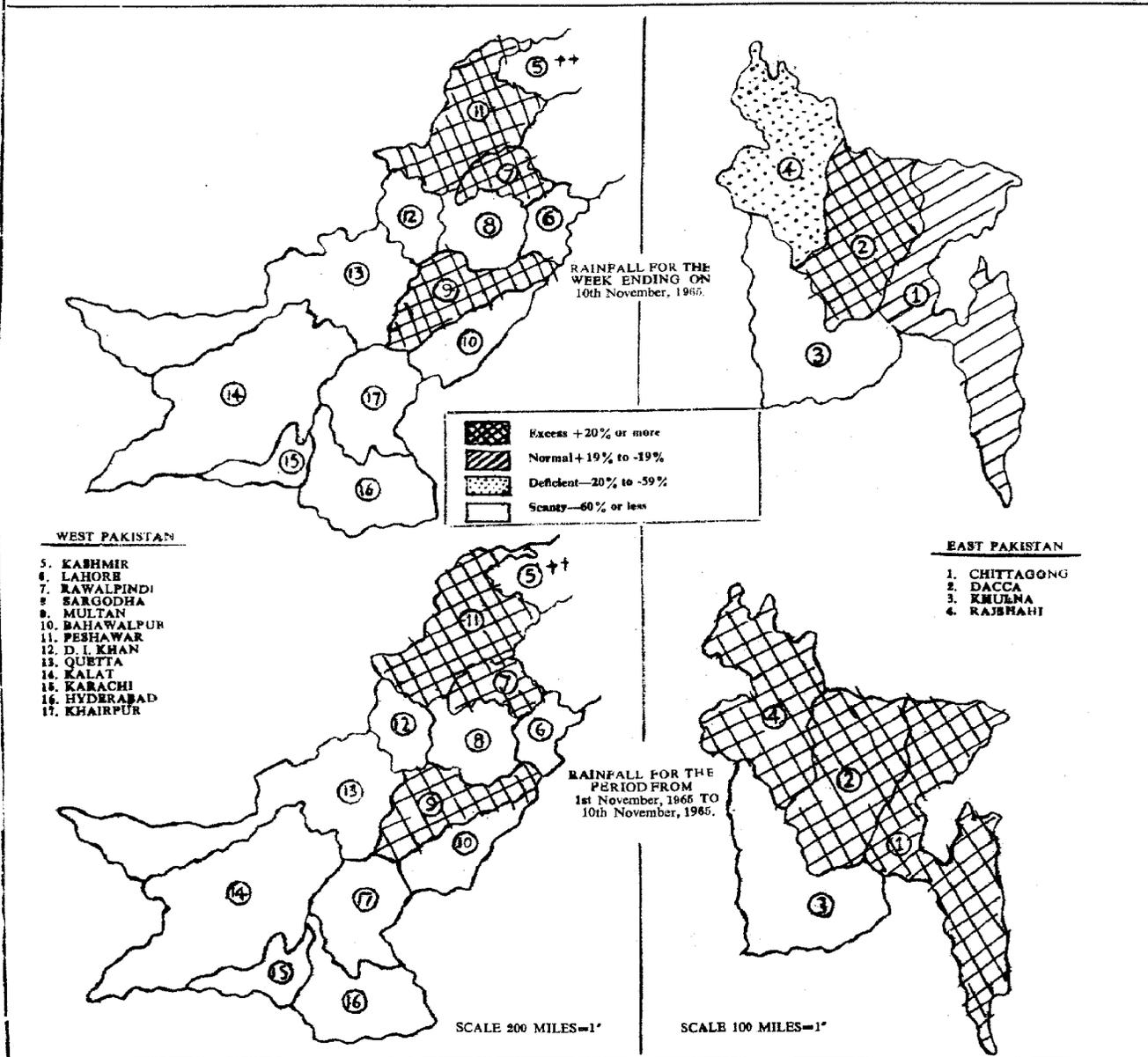
Rainfall for the period from 1st November 1965 to-date was in large excess in Dacca, Rawalpindi, Multan and Peshawar divisions; in excess in Chittagong and Rajshahi divisions and scanty in Khulna division. No rain fell elsewhere in West Pakistan.

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 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 10th November, 1965.			Rainfall for the Period from 1st November, 1965 to 10th November, 1965.			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.6	0.7	- 0.1	1.7	1.1	+ 0.5	+ 47
2. Dacca	1.0	0.4	+ 0.6	1.2	0.6	+ 0.5	+ 83
3. Khulna	0	0.4	- 0.3	0	0.7	- 0.6	- 97
4. Rajshahi	0.1	0.3	- 0.1	0.5	0.4	+ 0.2	+ 50
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0	0	0	0	0	0
7. Rawalpindi	0.8	0.1	+ 0.7	0.8	0.1	+ 0.7	+ 644
8. Sargodha	0	0	0	0	0	0	0
9. Multan	0.4	0	+ 0.4	0.4	0	+ 0.4	+ 4000
10. Bahawalpur	0	0	0	0	0	0	0
11. Peshawar	0.7	0.1	+ 0.6	0.7	0.1	+ 0.6	971
12. D. I. Khan	0	0	0	0	0	0	0
13. Quetta	0	0	0	0	0	0	- 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	0
17. Khairpur	0	0	0	0	0	0	0
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 17th November, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: The cyclonic storm of the last week crossed Ceylon coast, rapidly weakened into a low and lay at 1200 hours G.M.T. on the 10th over Comorin and adjoining areas. It further weakened and merged with the seasonal trough of low pressure over southeast Arabian Sea by the morning of 12th. It did not affect East Pakistan where weather remained dry throughout the week.

Night temperatures were slightly above normal over the province on the first two days and on the last day of the week.

WEST PAKISTAN: A western disturbance moved slowly across the northern parts of the province and affected the weather from 12th to 15th. It caused light scattered rain or drizzle in Peshawar and Quetta divisions on the 12th and scattered to local rain or thundershowers in Rawalpindi, Peshawar, D. I. Khan, Quetta and Kalat divisions on the 13th, fairly widespread in Rawalpindi division and scattered to local in Lahore, Sargodha, Multan, Peshawar and D. I. Khan divisions on the 14th. Scattered rainfall was also reported from Rawalpindi and Peshawar divisions on the 15th. Weather remained dry over the province for the rest of the week.

Chief amounts of rainfall were: Barkhan 3" on the 13th and Montgomery 2" and Murree 3/4" on the 14th.

Night temperatures were markedly to considerably above normal in Peshawar, Rawalpindi, Sargodha, Lahore, Multan and Bahawalpur divisions on the 13th. These were otherwise appreciably to markedly so over the province during the week.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :		
KASHMIR :		Data not available.
LAHORE DIVISION :		Local rain fell on one day.
RAWALPINDI DIVISION :		Fairly widespread rain fell on one day and scattered on two days.
SARGODHA DIVISION :		Scattered rain fell on one day.
MULTAN DIVISION :		Local rain fell on one day.
BAHAWALPUR DIVISION :		Weather remained dry during the week.
PESHAWAR DIVISION :		Rainfall was local on one day and scattered on two days.
D. I. KHAN DIVISION :		Scattered rain fell on two days.
QUETTA DIVISION :		Rainfall was local on one day.
KALAT DIVISION :		Scattered rain fell 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, Quetta and Kalat divisions and normal in Peshawar division. No rain fell in East Pakistan and in Bahawalpur, D. I. Khan, Karachi, Hyderabad and Khairpur divisions.

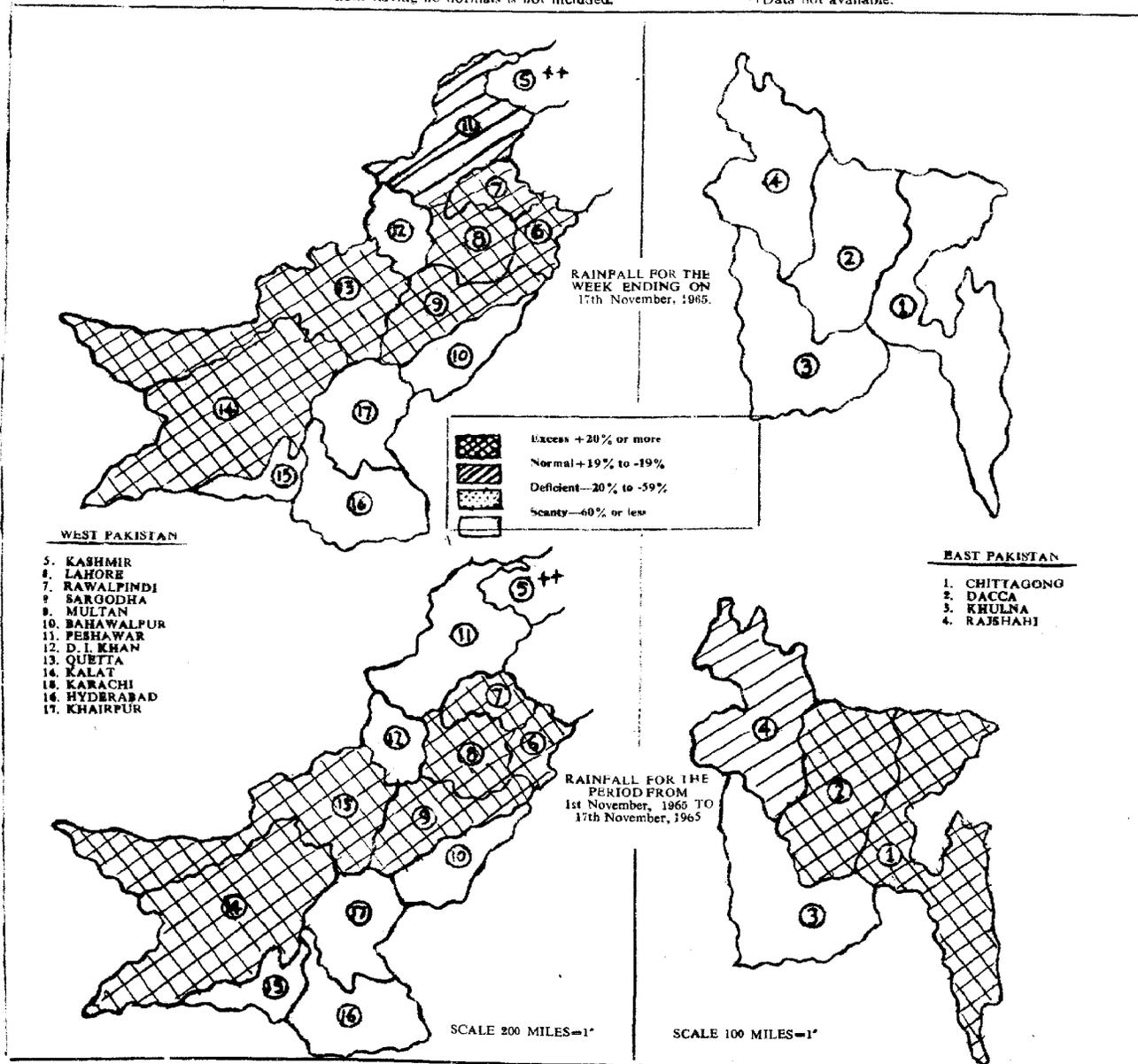
Rainfall for the period from 1st November, 1965 to-date was in large excess in Lahore, Rawalpindi, Sargodha, Multan, Quetta and Kalat divisions, in excess in Chittagong and Dacca divisions, normal in Rajshahi division and scanty in Khulna division whereas no rain fell elsewhere in West Pakistan.

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, 1965 to-date.

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 17th November, 1965.			Rainfall for the Period from 1st November, 1965 to 17th November, 1965.			
	* Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.3	- 0.3	1.7	1.4	+ 0.3	+ 20
2. Dacca	0	0.2	- 0.2	1.2	0.8	+ 0.3	+ 43
3. Khulna	0	0.3	- 0.3	0	0.9	- 0.9	- 98
4. Rajshahi	0	0.1	- 0.1	0.5	0.5	+ 0.1	+ 10
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0.2	0.1	+ 0.1	0.2	0.1	+ 0.1	+ 220
7. Rawalpindi	0.5	0.2	+ 0.3	1.3	0.3	+ 1.0	+ 316
8. Sargodha	0.1	0	0	0.1	0	0	+ 200
9. Multan	1.1	0	+ 1.1	1.5	0	+ 1.5	+ 1460
10. Bahawalpur	0	0	0	0	0	0	0
11. Peshawar	0.1	0.1	0	0.8	0.1	+ 0.7	+ 460
12. D. I. Khan	0	0	0	0	0.1	- 0.1	- 100
13. Quetta	0.1	0	+ 0.1	0.1	0	+ 0.1	+ 367
14. Kalat	0.1	0.1	+ 0.1	0.1	0.1	+ 0.1	+ 120
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	0
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 24th November, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN Dry continental air prevailed over the province where weather remained dry throughout the week. Night temperatures remained slightly above normal over the province on the first and sixth days of the week.

WEST PAKISTAN: A western disturbance moving across Afghanistan and the northern divisions of West Pakistan caused scattered drizzle in Quetta division on the 21st and 22nd and local rain in the same division on the 23rd and 24th. Scattered rainfall was also reported from Kalat and Peshawar divisions on the last day of the week.

Chief amounts of rainfall were: Hindubagh and Dalbandin 1/4" each on the 23rd and Cherat and Harnai 1" each, Hindubagh 1/2" and Quetta and Chaman 1/4" each on the 24th.

Night temperatures were slightly to appreciably above normal over the province throughout the week except on last day over Karachi and Hyderabad divisions where these were normal.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
Dacca Division :		
Khulna Division :		
Rajshahi Division :		
KASHMIR :		Data not available.
LAHORE DIVISION :	}	Weather remained dry during the week.
Rawalpindi Division :		
Sargodha Division :		
Multan Division :		
Bahawalpur Division :		
PESHAWAR DIVISION :		Scattered rain fell on two days.
D. I. KHAN DIVISION :		Weather remained dry during the week.
QUETTA DIVISION :		Rainfall was local on one day.
KALAT DIVISION :		Scattered rain fell 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 Peshawar and Quetta divisions and normal in Kalat division. No rain fell elsewhere over the country.

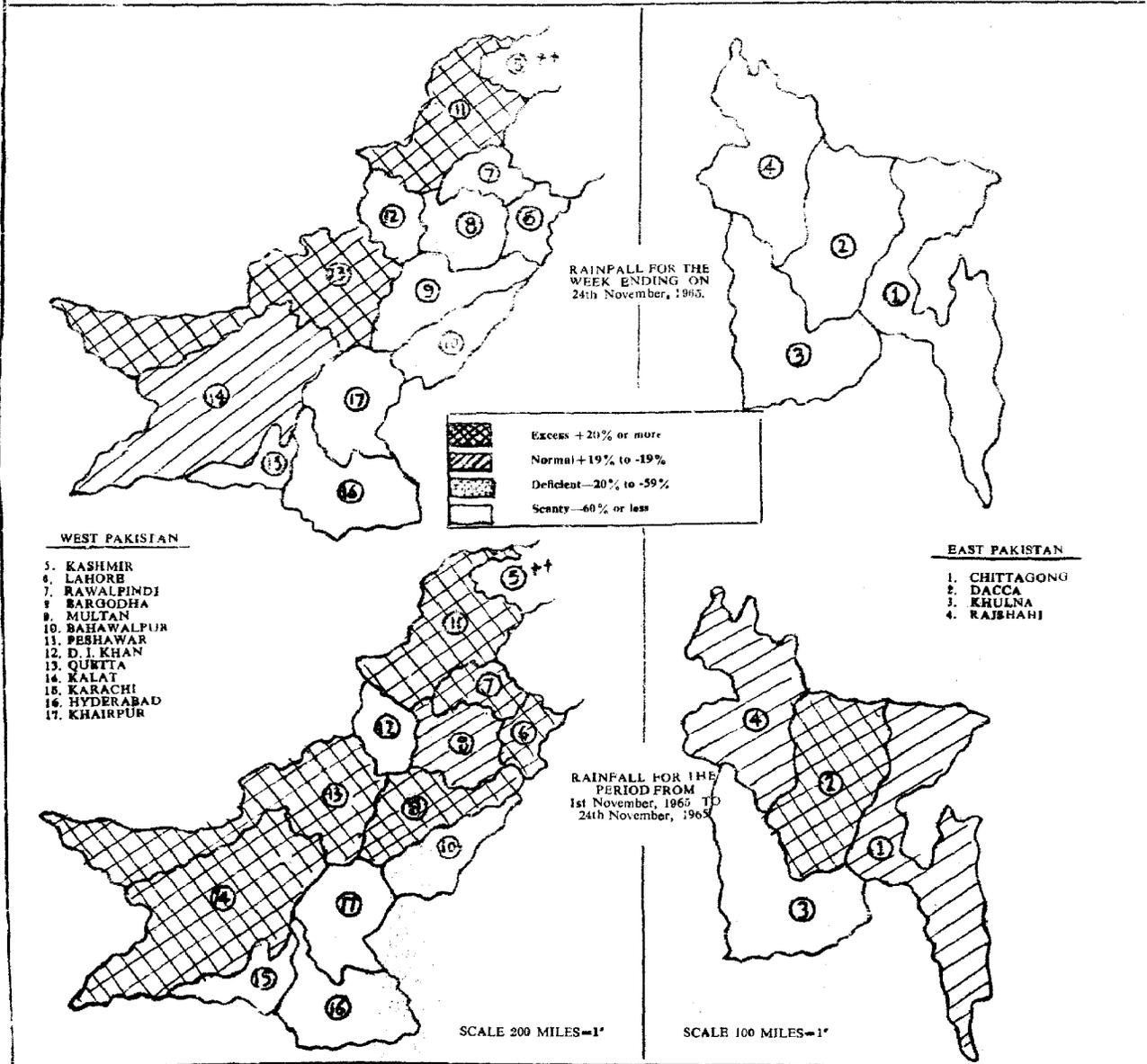
Rainfall for the period from 1st November 1965 to-date was in large excess in Lahore, Rawalpindi, Multan, Peshawar and Quetta divisions, in excess in Dacca and Kalat divisions, normal in Chittagong, Rajshahi and Sargodha divisions and scanty in Khulna division. No rain fell elsewhere over West Pakistan.

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

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 24th November, 1965			Rainfall for the Period from 1st November, 1965 to 24th November, 1965.			
	* Actual	Normal	*Excess or defect	*Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.3	- 0.3	1.7	1.7	0	0
2. Dacca	0	0.1	- 0.1	1.2	0.9	+ 0.2	+ 26
3. Khulna	0	0.1	- 0.1	0	1.1	+ 1.1	- 98
4. Rajshahi	0	0.1	- 0.1	0.5	0.5	0	0
5. Kashmir††	-	-	-	-	-	-	-
6. Lahore	0	0	0	0.2	0.1	+ 0.1	+ 129
7. Rawalpindi	0	0.1	- 0.1	1.3	0.5	+ 0.9	+ 138
8. Sargodha	0	0.1	- 0.1	0.1	0.1	0	- 14
9. Multan	0	0	0	1.5	0	+ 1.5	+ 1450
10. Bahawalpur	0	0	0	0	0	0	- 100
11. Peshawar	0.5	0.1	+ 0.4	1.4	0.2	+ 1.1	+ 471
12. D. I. Khan	0	0	0	0	0.1	- 0.1	- 100
13. Quetta	0.4	0.1	+ 0.4	0.5	0.1	+ 0.5	+ 588
14. Kalat	0.1	0.1	0	0.2	0.1	+ 0.1	+ 50
15. Karachi	0	0	0	0	0	0	- 100
16. Hyderabad	0	0	0	0	0.1	- 0.1	- 100
17. Khairpur	0	0	0	0	0	0	0
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 December, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Weather continued to remain dry over the province throughout the week. Night temperatures were appreciably above normal in Dacca division on the 29th and slightly to appreciably so over the province on the 30th November and the 1st December.

WEST PAKISTAN: Local week's western disturbance while moving across the northern divisions of province caused fairly widespread rain or thundershowers in Sargodha and scattered in Rawalpindi division on the first day of the week. Peshawar recorded 1" of rainfall and Sargodha and Lyallpur 1/4" each. Thereafter the weather remained dry over the province.

Night temperatures were slightly to appreciably above normal over the province during the first three days and were so in Quetta division throughout the week. These were slightly below normal in Bahawalpur, Peshawar Rawalpindi, Multan and Kalat divisions on the 29th and in the first two named divisions on the 30th.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
DACCA DIVISION :		
KHULNA DIVISION :		
RAJSHAHI DIVISION :		
KASHMIR :		Data not available.
LAHORE DIVISION :		Weather remained mainly dry during the week.
RAWALPINDI DIVISION :		Rainfall was scattered on one day.
SARGODHA DIVISION :		fairly widespread rain fell on one day.
MULTAN DIVISION :	}	Weather remained dry during the week.
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 in large excess in Sargodha division and normal in Rawalpindi division. No rain fell elsewhere over the country.

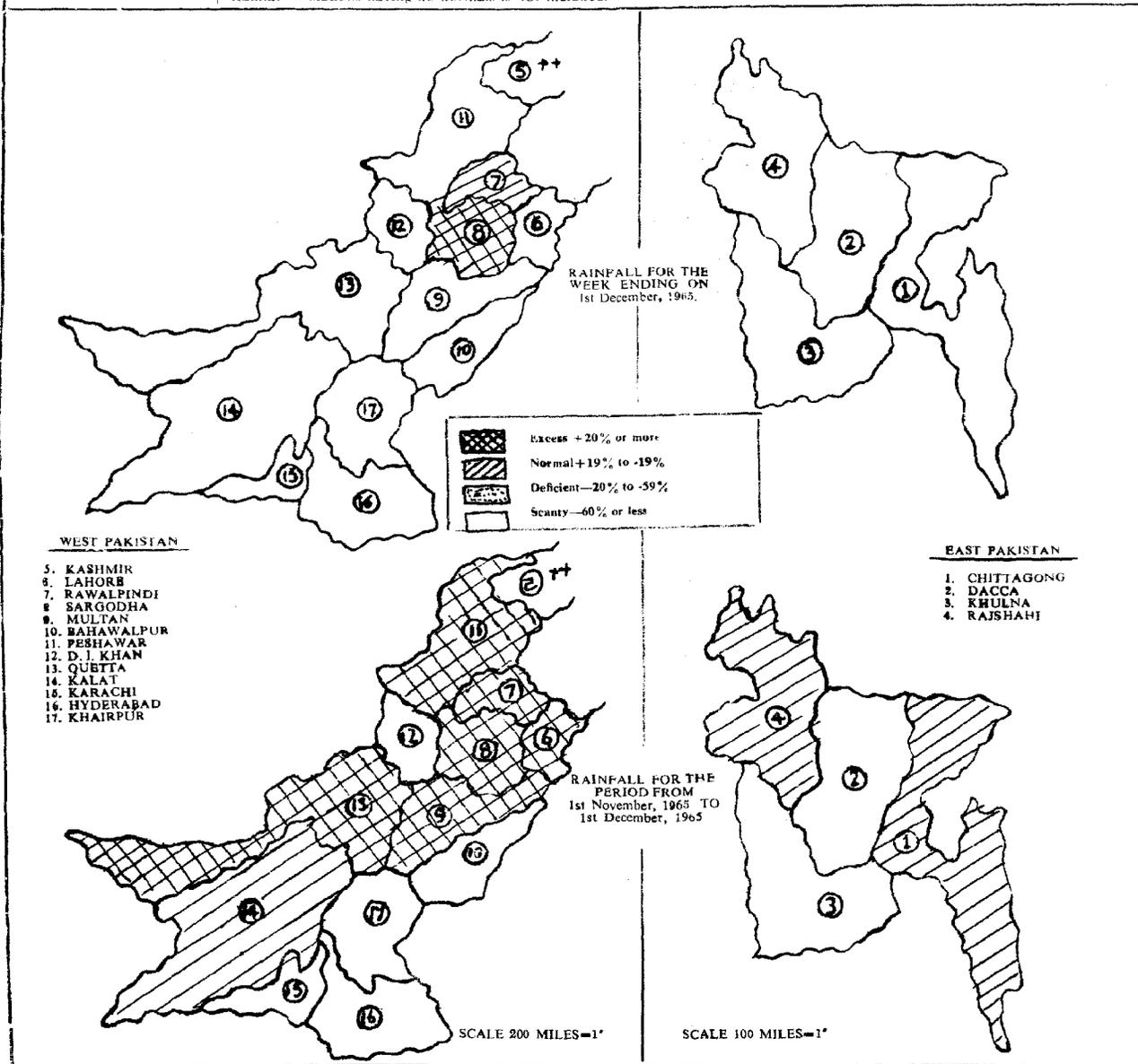
Rainfall for the period from 1st November, 1965 to-date was in large excess in Rawalpindi, Sargodha, Multan, Peshawar and Quetta divisions, in excess in Lahore division, normal in Chittagong, Rajshahi and Kalat divisions and scanty in Khulna division whereas no rain fell elsewhere over West Pakistan.

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

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 1st December, 1965.			Rainfall for the Period from 1st November, 1965 to 1st December, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0.1	- 0.1	1.7	1.8	- 0.1	- 8
2. Dacca	0	0.1	- 0.1	1.2	1.0	+ 0.2	+ 19
3. Khulna	0	0	0	0	1.1	+ 1.1	- 98
4. Rajshahi	0	0	0	0.5	0.6	0	- 5
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	0.2	0.2	0	+ 20
7. Rawalpindi	0.2	0.2	0	1.5	0.6	+ 0.9	+ 138
8. Sargodha	0.2	0	+ 0.1	0.2	0.1	+ 0.1	+ 110
9. Multan	0	0.1	- 0.1	1.5	0.1	+ 1.4	+ 133.3
10. Bahawalpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
11. Peshawar	0	0.2	- 0.2	1.4	0.4	+ 0.9	+ 211
12. D. I. Khan	0	0.1	- 0.1	0	0.1	- 0.1	- 100
13. Quetta	0	0.1	- 0.1	0.6	0.2	+ 0.4	+ 176
14. Kalat	0	0.1	0	0.2	0.2	0	+ 19
15. Karachi	0	0	0	0	0	0	- 100
16. Hyderabad	0	0	0	0	0.1	- 0.1	- 100
17. Khairpur	0	0	- 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 8th December, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: A depression formed in the south Bay of Bengal on the last day of the week with its centre at 0300 hours GMT within one degree of latitude 10° and longitude 92° E. Weather, however, remained dry over the province throughout the week.

Night temperatures were appreciably above normal over the province on the first day of the week and were so in Rajshahi division on the second day also. These were slightly above normal over the province for the rest period except on the 7th when these were nearly normal.

WEST PAKISTAN: A depression formed in the southeast Arabian Sea on the 7th and was centred at 0300 hours GMT within one degree of latitude 9.5° N and longitude 72.5° E. It intensified into a deep depression on the last day of the week with its centre at 0300 hours GMT within one degree of latitude 10.5° N and longitude 72.5° E. Dry weather, however, continued to prevail over the province throughout the week.

Night temperatures were slightly to appreciably above normal in Lahore division on the first two days of the week and were slightly so over Hyderabad division on the 6th. These were slightly below normal in Sargodha, Bahawalpur, Peshawar, Rawalpindi, Multan, Quetta and Kalat divisions on the 7th and in the first three divisions on the 8th.

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 over the country during the week.

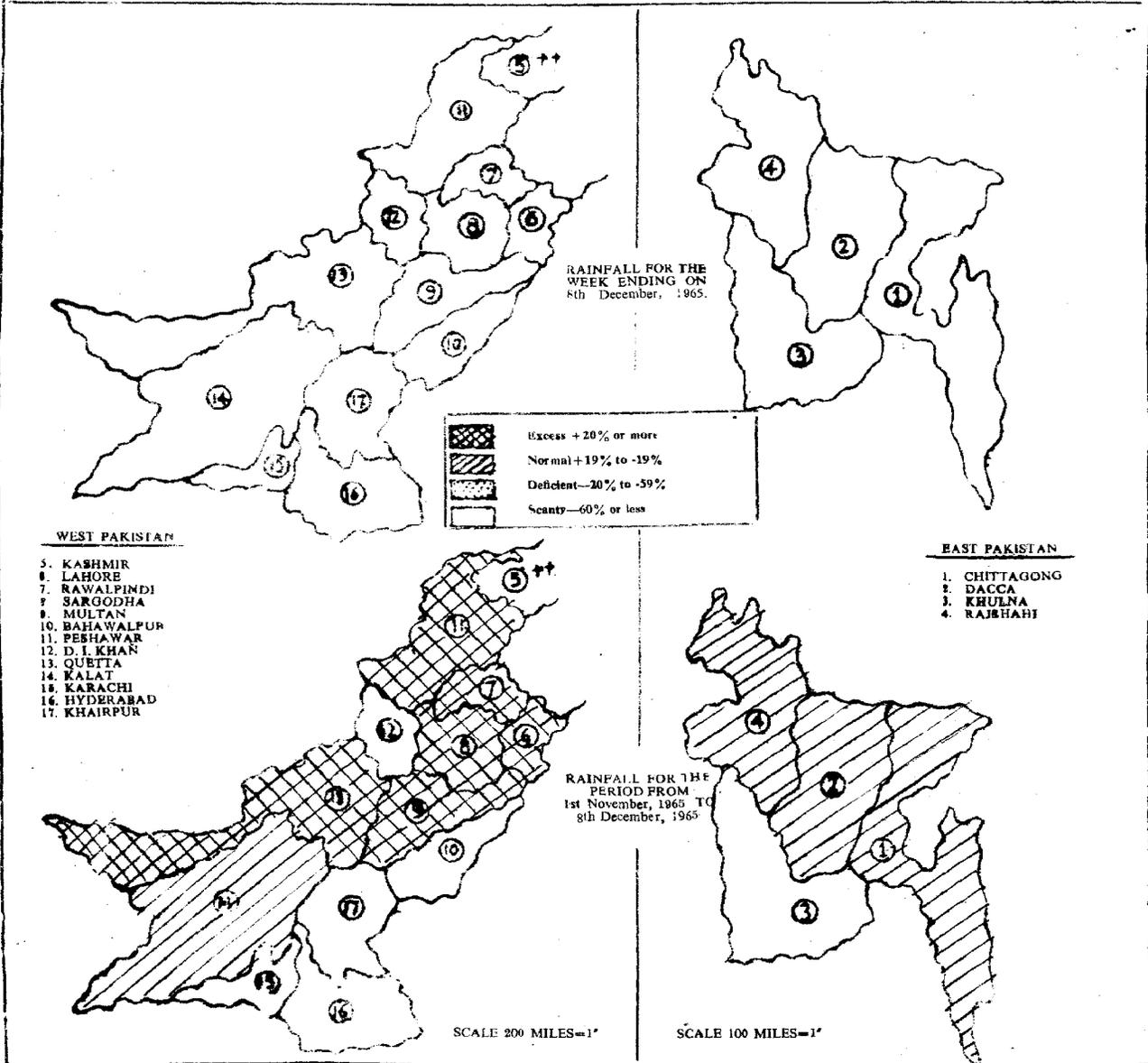
Rainfall for the period from 1st November, 1965 to-date was in large excess in Rawalpindi, Sargodha, Multan and Peshawar divisions, in excess in Quetta division, normal in Chittagong, Dacca, Rajshahi, Lahore and Kalat divisions and scanty in Khulna division. No rain fell elsewhere over West Pakistan.

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

WEEKLY WEATHER REPORT

DIVISION	Rainfall for week ending the 8th December, 1965.			Rainfall for the Period from 1st November, 1965 to 8th December, 1965.			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per- Cent
1. Chittagong	0	0.2	- 0.2	1.7	2.0	- 0.3	- 16
2. Dacca	0	0.1	- 0.1	1.2	1.1	+ 0.1	+ 11
3. Khulna	0	0.1	- 0.1	0	1.2	- 1.2	- 100
4. Rajshahi	0	0	0	0.5	0.6	- 0.1	- 11
5. Kashmir††	-	-	-	-	-	-	-
6. Lahore	0	0.1	- 0.1	0.2	0.2	0	- 10
7. Rawalpindi	0	0.2	- 0.2	1.5	0.8	+ 0.7	+ 85
8. Sargodha	0	0	0	0.2	0.1	+ 0.1	+ 110
9. Multan	0	0	0	1.5	0.1	+ 1.4	+ 1725
10. Bahawalpur	0	0	0	0	0.1	- 0.1	- 100
11. Peshawar	0	0.2	- 0.2	1.4	0.6	+ 0.8	+ 125
12. D. I. Khan	0	0.1	- 0.1	0	0.2	- 0.2	- 100
13. Quetta	0	0.2	- 0.2	0.6	0.4	+ 0.2	+ 38
14. Kalat	0	0.2	- 0.2	0.3	0.4	0	- 11
15. Karachi	0	0	0	0	0.1	- 0.1	- 100
16. Hyderabad	0	0	0	0	0.2	- 0.2	- 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 15th December, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Last week's depression in south Bay of Bengal moved initially north westwards and intensified into a cyclonic storm with its centre at 09,0300 hours GMT within one degree of latitude 13°N and longitude 88°E. Continuing to move in the same direction it was centred next morning at 0300 hours GMT within one degree of latitude 14°N and longitude 87°E. It then slowed down, moved northwards and intensified into a severe cyclonic storm centred on the 13th morning at 0300 hours GMT within one degree of latitude 15.5°N and longitude 87°E. Thereafter it recurved, moved rapidly in a northeasterly direction, crossed Chittagong coast during the early hours of the 15th and was centred at 15,0300 hours GMT about 60 miles northeast of Chittagong. Under its influence rain or thundershowers were local in Chittagong division on 15th and scattered a day earlier. Scattered rain or thundershowers were also reported from Dacca, Khulna and Chittagong divisions on the last day of the week.

According to the press reports, about fifteen thousand lives were lost and colossal damage to property occurred from the tidal waves and hurricane winds which accompanied the storm. Local communications were also cut off from the worst hit areas.

Chittagong recorded 4" and Rangamati 2" of rainfall on 15th.

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

WEST PAKISTAN: Last week's depression in the southeast Arabian Sea intensified into a deep depression and was centred on the first day of the week at 0300 hours GMT within one degree of latitude 10.5°N and longitude 72.5°E. It continued its northerly movement, intensified into a deep depression and was centred on the 10th at 0300 hours GMT within one degree of latitude 15°N and longitude 72.5°E. It moved in the same direction and intensified into a cyclonic storm on the next day and was centred at 11,0300 hours GMT within one degree of latitude 15.5°N and longitude 72.5°E. Thereafter it crossed coast near Ratnagiri on the 12th night and rapidly weakened into a low. According to press reports 26 vessels were lost or damaged and several hundreds of people were affected by the storm.

The weather over the province during the week however remained dry.

Night temperatures were slightly to appreciably below normal over the province on the last four days of the week and were slightly so in the northern and central divisions on the first two days.

2. CHITTAGONG DIVISION :	Rainfall was local on two days.
DACCA DIVISION :	} Scattered rain fell on one day.
KHULNA DIVISION :	
RAJSHAHI DIVISION :	
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 large excess in Chittagong and Khulna divisions and in excess in Dacca division. No rain fell in Rajshahi division and in West Pakistan.

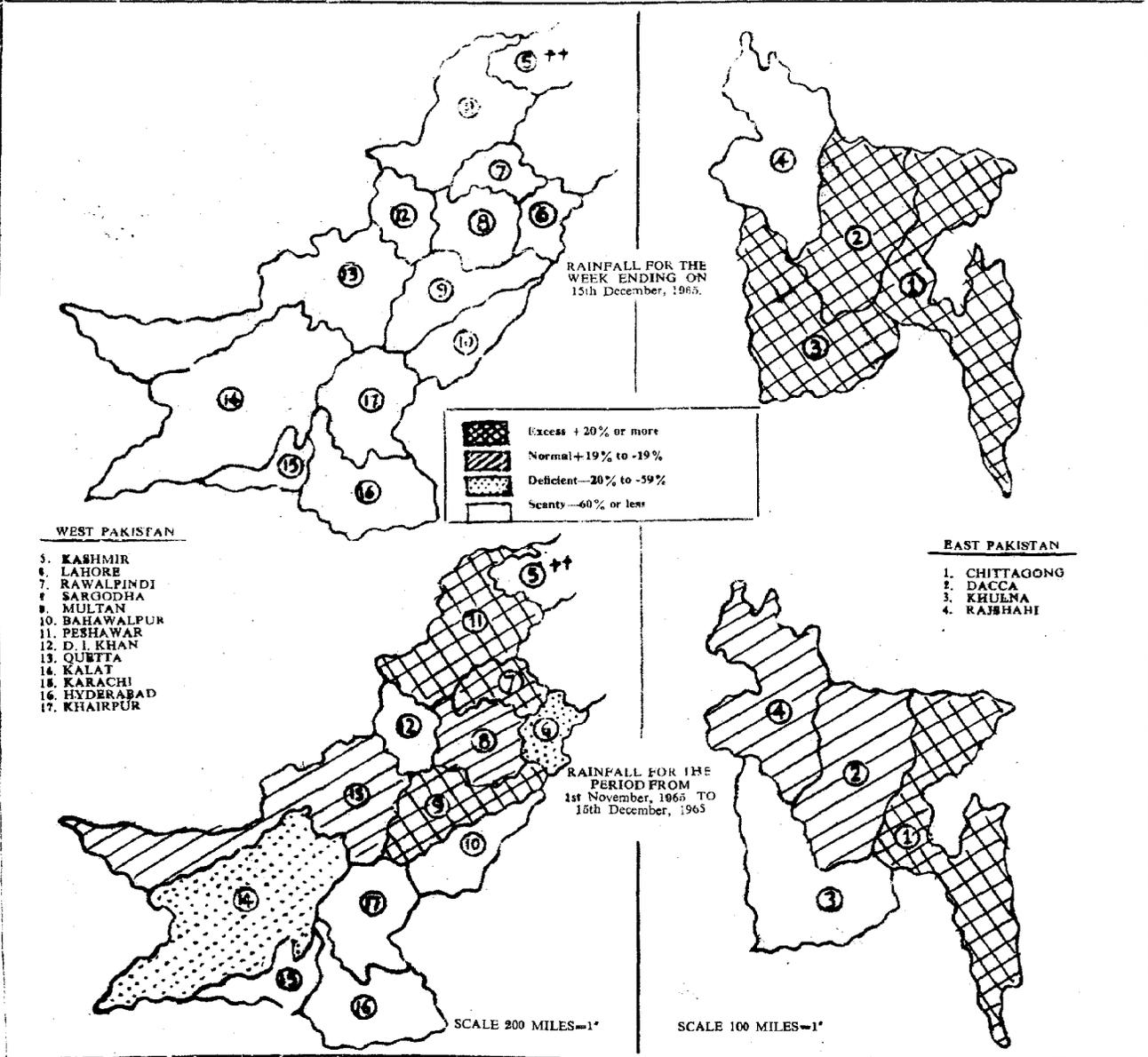
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan and Peshawar divisions in excess in Chittagong and Rawalpindi divisions. Normal in Dacca Rajshahi, Sargodha and Quetta, divisions, deficient in Lahore, Kalat division and scanty in Khulna division. No rain fell in Bahawalpur, 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 15th December, 1965.			Rainfall for the Period from 1st November, 1965 to 15th December, 1965.			
	† Actual	Normal	* Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0.1	0.2	+ 0.1	2.8	2.2	+ 0.3	+ 30
2. Dacca	0.1	0.1	0	1.2	1.1	+ 0.1	+ 12
3. Khulna	0.1	0	0	0.1	1.2	- 1.1	- 93
4. Rajshahi	0	0	0	0.5	0.6	- 0.1	- 14
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.1	- 0.1	0.2	0.3	+ 0.1	+ 44
7. Rawalpindi	0	0.3	- 0.3	1.5	1.0	+ 0.5	+ 47
8. Sargodha	0	0.1	- 0.1	0.2	0.2	0	+ 11
9. Multan	0	0.1	- 0.1	1.5	0.2	+ 1.3	+ 813
10. Bahawalpur	0	0.1	- 0.1	0	0.1	- 0.1	- 100
11. Peshawar	0	0.2	- 0.2	1.4	0.7	+ 0.6	+ 83
12. D. I. Khan	0	0.1	- 0.1	0	0.3	- 0.3	- 100
13. Quetta	0	0.2	- 0.2	0.6	0.6	0	- 2
14. Kalat	0	0.3	- 0.3	0.3	0.7	+ 0.3	+ 50
15. Karachi	0	0.1	- 0.1	0	0.1	- 0.1	- 100
16. Hyderabad	0	0	0	0	0.2	- 0.2	- 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 22nd December, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: The cyclonic storm of the last week rapidly weakened and moved away northeastwards by the morning of the first day of the current week. Weather, however, remained dry over the province throughout the week except on the 18th when a westerly low pressure wave moving across sub-Himalayan West Bengal caused local light rain or drizzle in Khulna division and scattered in Rajshahi and Chittagong divisions.

Night temperatures were appreciably above normal in Chittagong division on the first day of the week and over the whole province on the third day. These were slightly to appreciably so elsewhere over the province throughout the week.

WEST PAKISTAN: A secondary western disturbance which lay over Kalat division and adjoining areas on the 21st moved to Quetta division on the last day of the week and caused fairly widespread rain or drizzle with snowfalls over the hills in Quetta division, local in Kalat division and scattered in Karachi and Khairpur divisions on the last day of the week. It also caused local light rain or drizzle in Kalat division and scattered in Karachi division a day earlier.

Chief amounts of rainfall recorded were: Pasni $1\frac{1}{2}$ ", Quetta $3/4$ ", Hindubagh and Chaman $1/4$ " each on the last day and Jiwani $3/4$ " and Pasni $1/2$ " a day earlier.

Night temperatures were slightly to appreciably below normal in the norther parts of the province throughout the week and were slightly above normal in Kalat, Quetta, Karachi and Hyderabad divisions on the last four days.

2. CHITTAGONG DIVISION :	}	Weather remained dry during the week.
DACCA DIVISION :		
KHULNA DIVISION :		Local rain fell on one day.
RAJSHAHI DIVISION :		Weather remained mainly dry during the week.
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 :		Rainfall was local on one day.
KALAT DIVISION :		Local rain fell on one day and scattered on another day.
KARACHI DIVISION :		Rainfall was scattered on one day.
HYDERABAD DIVISION :	}	Weather remained dry during the week.
KHAIRPUR DIVISION :		
JUNAGADH :		Data not available.

3. Based on data of stations having normals, the week's rainfall was in large excess in Quetta, Kalat and Karachi divisions, normal in Khulna division, deficient in Rajshahi division and scanty in Chittagong division. No rain fell elsewhere over the country.

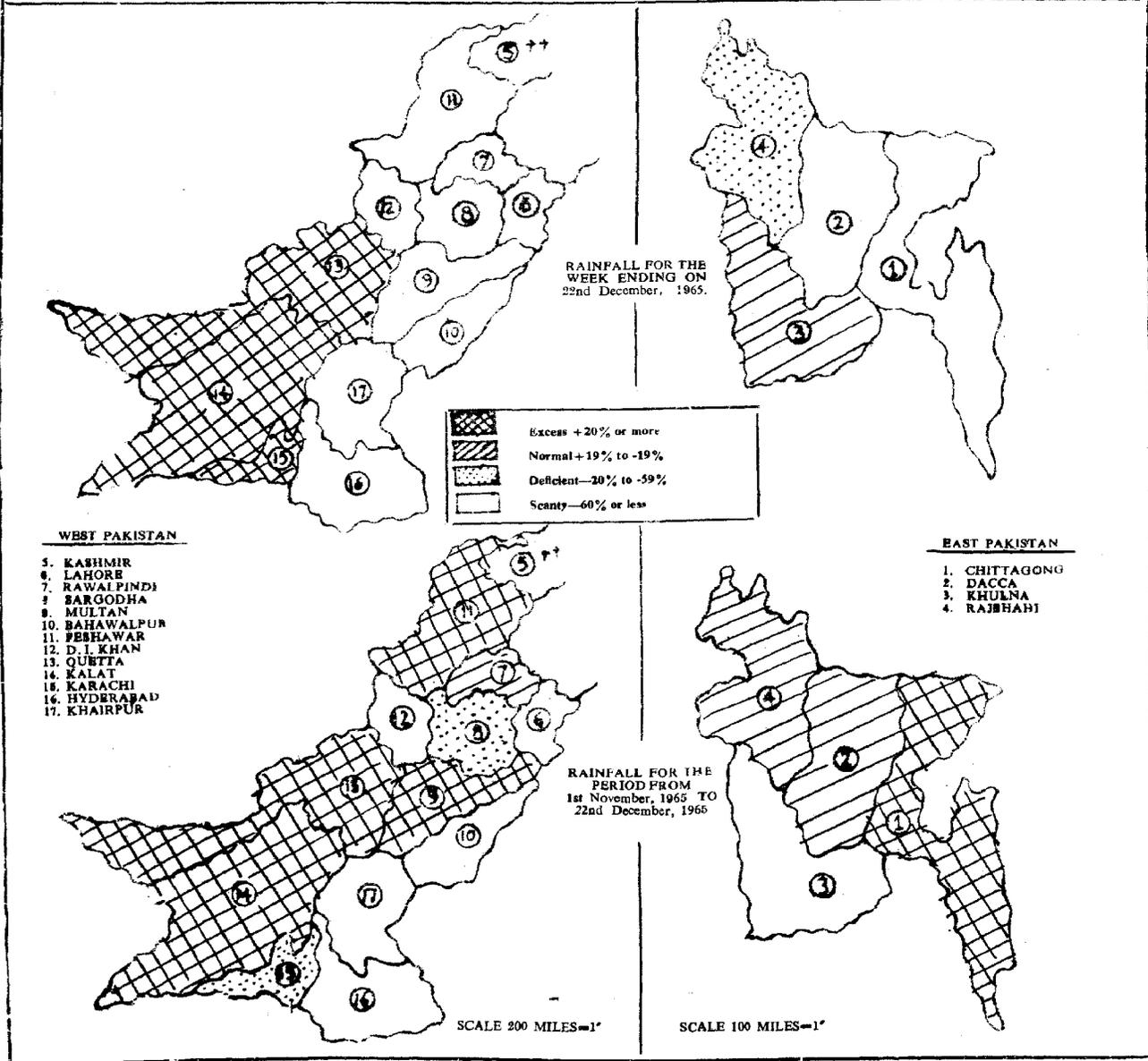
Rainfall for the period from 1st November 1965 to-date was in large excess in Multan division, in excess in Chittagong, Peshawar, Quetta and Kalat divisions, normal in Dacca, Rajshahi and Rawalpindi divisions, deficient in Sargodha and Karachi divisions and scanty in Khulna and Lahore divisions. No rain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

WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 22nd December, 1965.			Rainfall for the Period from 1st November, 1965 to 22nd December, 1965.			
	† Actual	Normal	*Excess or defect	† Actual	Normal	Excess or defect	
						Inches	Per—Cent
1. Chittagong	0	0.1	— 0.1	2.8	2.2	+ 0.6	+ 28
2. Dacca	0	0	0	1.2	1.1	+ 0.1	+ 10
3. Khulna	0.1	0.1	0	0.1	1.3	— 1.1	— 88
4. Rajshahi	0	0	0	0.5	0.7	— 0.1	— 15
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.2	— 0.2	0.2	0.5	— 0.3	— 64
7. Rawalpindi	0	0.4	— 0.4	1.5	1.4	+ 0.1	+ 5
8. Sargodha	0	0.1	— 0.1	0.2	1.4	— 0.1	+ 32
9. Multan	0	0.1	— 0.1	1.5	0.3	+ 1.2	+ 508
10. Bahawalpur	0	0.1	— 0.1	0	0.2	— 0.2	— 100
11. Peshawar	0	0.2	— 0.2	1.4	0.2	+ 0.4	+ 40
12. D. I. Khan	0	0.1	— 0.1	0	1.0	— 0.4	— 100
13. Quetta	0.4	0.2	+ 0.2	0.9	0.4	+ 0.2	+ 21
14. Kalat	1.0	0.2	+ 0.7	1.3	0.8	+ 0.4	+ 46
15. Karachi	0.2	0.1	+ 0.1	0.2	0.9	0	— 20
16. Hyderabad	0	0	0	0	0.2	— 0.2	— 100
17. Khairpur	0	0.1	— 0.1	0	0.2	— 0.2	— 100
18. Junagadh	—	—	—	—	—	—	—

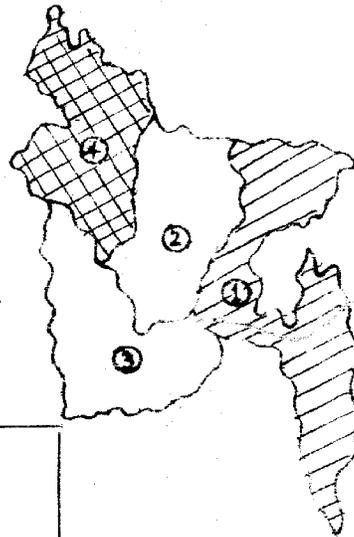
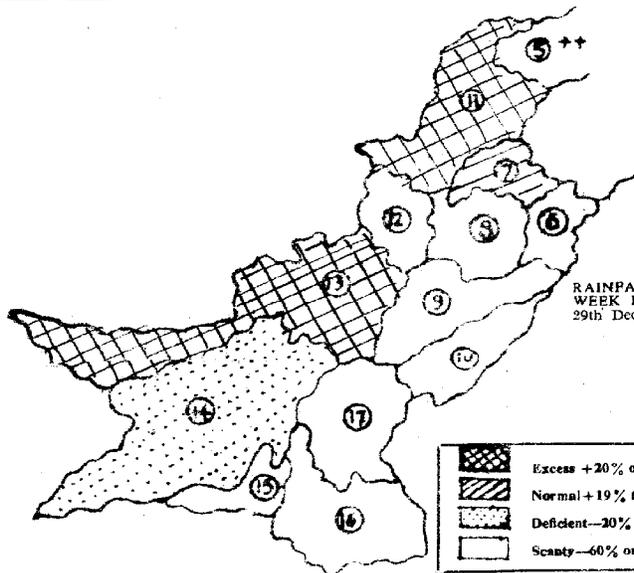
*In the calculation of excesses and defects, and their percentages, rainfall figures are taken correct to 0.01"
 † Rainfall of stations having no normals is not included. ††Data not available.



WEEKLY WEATHER REPORT

DIVISION.	Rainfall for week ending the 29th December, 1965.			Rainfall for the Period from 1st November, 1965 to 29th December, 1965.			
	* Actual	Normal	*Excess or defect	†Actual	Normal	Excess or defect	
						Inches	Per-Cent
1. Chittagong	0	0	0	2.8	2.2	+ 0.6	+ 27
2. Dacca	0	0	0	1.2	1.1	+ 0.1	+ 8
3. Khulna	0	0	0	0.1	1.3	- 1.2	- 89
4. Rajshahi	0.1	0	+ 0.1	0.6	0.7	0	- 6
5. Kashmir††	—	—	—	—	—	—	—
6. Lahore	0	0.2	- 0.2	0.9	0.7	- 0.5	- 73
7. Rawalpindi	0.6	0.5	+ 0.1	2.1	1.9	+ 0.2	+ 8
8. Sargodha	0	0.1	- 0.1	0.2	0.4	- 0.2	- 49
9. Multan	0	0.1	- 0.1	1.5	0.3	+ 1.2	+ 403
10. Bahawalpur	0	0	0	0	0.3	- 0.3	- 100
11. Peshawar	0.5	0.3	+ 0.2	1.9	1.3	+ 0.6	+ 43
12. D. I. Khan	0	0.2	- 0.2	0	0.5	- 0.5	- 100
13. Quetta	0.4	0.2	+ 0.2	1.3	1.0	+ 0.3	+ 32
14. Kalat	0.1	0.1	0	1.4	1.0	+ 0.4	+ 37
15. Karachi	0	0.2	- 0.2	0.2	0.4	- 0.2	- 59
16. Hyderabad	0	0	0	0	0.2	- 0.2	- 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.

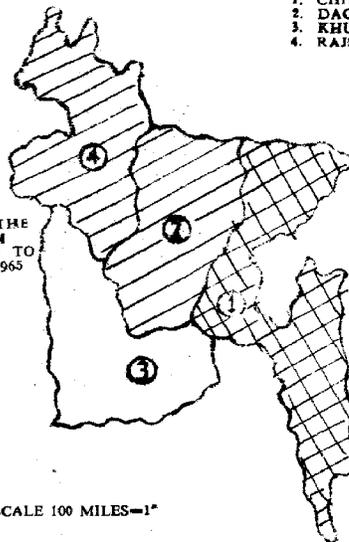
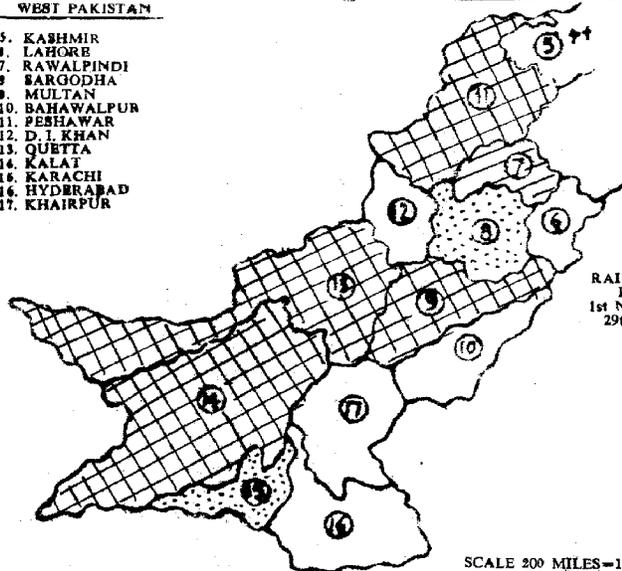


WEST PAKISTAN

- 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. HYDRABAD
- 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 29th December, 1965.

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SUMMARY OF WEATHER

EAST PAKISTAN: Weather remained dry over the province throughout the week except on the 25th when a westerly low pressure wave moving along the sub-Himalayan regions caused scattered rain in Chittagong and Rajshahi divisions.

Night temperatures were slightly to appreciably above normal in the province on the first four days of the week and were slightly below normal in Chittagong division on the last day.

WEST PAKISTAN: The western disturbance of last week lay over the northern and central divisions of the province on the first day of the week and moved away northeastwards across Kashmir the next day. It caused fairly widespread rain or thundershowers in Rawalpindi division and local in Peshawar division with scattered snowfalls over the hills of these two divisions and also in Quetta division on the 24th. Local rain fell in Quetta division and scattered in Rawalpindi, Peshawar and D. I. Khan divisions and light rain in Khairpur division on the 23rd.

Chief amounts of rainfall recorded were: Cherat 1", Fort Sandeman, Hindubagh and Quetta 1/2" each on the 23rd and Chakdara 1 1/2", Rawalpindi, Islamabad, Murree, Haripur and Kakul 1/2" each on the 24th.

Night temperatures were slightly to appreciably above normal over province on the first day and were to the same extent below normal during the last six days of the week.

2. CHITTAGONG DIVISION :	Rainfall was scattered on one day.
Dacca Division :	} Weather remained dry during the week.
Khulna Division :	
Rajshahi Division :	Scattered rain fell on one day.
Kashmir :	Data not available.
Lahore Division :	No rain fell during the week.
Rawalpindi Division :	Rainfall was widespread and scattered on one day each.
Sargodha Division :	} No rain fell on one day.
Multan Division :	
Bahawalpur Division :	
Peshawar Division :	Local rain fell on one day and scattered on another day.
D. I. Khan Division :	Scattered rain fell on one day.
Quetta Division :	Local rain fell on one day.
Kalat Division :	Scattered rain fell on one day.
Karachi Division :	} No rain fell 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 Rajshahi and Quetta divisions, in excess in Peshawar division, normal in Chittagong and Rawalpindi divisions, deficient in Kalat division 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 Chittagong, Peshawar, Quetta and Kalat divisions, normal in Dacca, Rajshahi and Rawalpindi divisions, deficient in Sargodha and Karachi divisions and scanty in Khulna and Lahore 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.