Afghanistan. Meteorological Institute.
Monthly weather bulletin.

Table 1: Royal Afghan Meteorological Institute (RAMI)

Precipitation and special phenomene.

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Month : January... Year:1963 Precipitation in mm ... Number of days with:

| Stations..... | Index number | Latitute. | Longitute. | App. height in meters. | Total | Max in 24 hrs. | Date | Rain | Thunder | Snow | Sand or dust or snow storm | Hail | Sun shine hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kabul (Airport)..... | 40948 | 34° 33' | 69° 12' | 1803 | Tr. | Tr. | 6 | 0 | 0 | 1 | 1 | 0 | 204.9 |
| Karizimir..... | 40949 | 34 40 | 69 05 | 1860 | Tr. | Tr. | 9 | 0 | 0 | 1 | 0 | 0 | 248.2 |
| Jabul-Saraj.. | 40952 | 35 08 | 69 15 | 1628 | 5.9 | 5.8 | 9 | 0 | 0 | 2 | 0 | 0 | 221.1 |
| Ghazni..... | 40960 | 33 32 | 68 25 | 2183 | 2.2 | 2.2 | 9 | 0 | 0 | 1 | 1 | 0 | - |
| Herat..... | 40941 | 34 11 | 62 13 | 964 | 6.0 | 6.0 | 5 | 1 | 0 | 0 | 1 | 0 | - |
| Mazari-Sharif..... | 40920 | 36 42 | 67 13 | 378 | 6.0 | 6.0 | 6 | 2 | 0 | 2 | 0 | 0 | 227.1 |
| Maimana..... | 40930 | 35 55 | 64 44 | 854 | 10.6 | 6.0 | 6 | 1 | 0 | 2 | 0 | 0 | - |
| Kunduz ..... | 40925 | 36 32 | 68 53 | 430 | 10.5 | 9.5 | 6 | 2 | 0 | 1 | 3 | 0 | - |
| Baghlan..... | 40924 | 36 12 | 68 45 | 510 | 5.3 | 5.3 | 6 | 0 | 0 | 1 | 0 | 0 | - |
| Kandahar..... | 40980 | 32 37 | 65 48 | 1010 | 3.1 | 3.1 | 9 | 2 | 0 | 0 | 0 | 0 | 294.9 |
| Lash-Kargah.... | 40978 | 31 30 | 64 20 | 780 | 0.7 | 0.7 | 8 | 1 | 0 | 0 | 0 | 0 | - |
| Farah..... | 40966 | 32 24 | 62 07 | 651 | 1.8 | 1.1 | 6 | 1 | 0 | 0 | 0 | 0 | 252.7 |
| Jalalabad(Nangarhar)... | 40950 | 34 26 | 70 28 | 552 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| North ( Salang )..... | 40937 | 35 22 | 69 03 | 3350 | 32.1 | 15.9 | 8 | 0 | 0 | 7 | 2 | 1 | 160.9 |
| South ( Salang )..... | 40938 | 35 21 | 69 03 | 3100 | 28.9 | 15.6 | 9 | 0 | 0 | 6 | 2 | 0 | 206.6 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 334.8 |

150 878

# National Oceanic and Atmospheric Administration

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March 28, 2002

Royal Afghan Meteorological Institute (RAMI)

Table 1:

Temperature and humidity.

| Month: January. Year: 1963 | Wet-Bulb. Temperature in °C. | | Ground. Temperature in °C. | | Air temperature in °C. | | | | | | | | | Relative humidity | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | Mean Max | Mean Min | Mean Temp. | ABS Max | Date | ABS Min | Date | Number of days with Max 30°C or above | Number of days with Min 00°C or bellow | Max | Date | Min | Date | Mean |
| Kabul Airport | -6.3 | 1.8 | -13.5 | 20.4 | 7.8 | -7.5 | -1.2 | 17.4 | 29 | -13.5 | 2 | 0 | 31 | 97 | 5 | 19 | 28 | 74 |
| Karizimir | -5.9 | 0.8 | -8.9 | 13.4 | 7.2 | -6.2 | -1.6 | 15.4 | 29 | -11.1 | 2 | 0 | 31 | 94 | 6 | 31 | 28 | 58 |
| Jabul-Saraj | -1.7 | 2.2 | -3.2 | 18.8 | 8.9 | -0.3 | 4.1 | 17.8 | 29 | -5.5 | 13 | 0 | 20 | 100 | 8 | 10 | 27 | 45 |
| Ghazi | -9.6 | -1.3 | - | - | 4.2 | -5.7 | -4.4 | 12.5 | 28 | -15.7 | 11 | 0 | 31 | 78 | 8 | 22 | 24-28 | 57 |
| Herat | -1.2 | 6.8 | - | - | 15.9 | -2.4 | 6.4 | 23.8 | 29 | -6.8 | 1 | 0 | 27 | 84 | 5 | 15 | 24 | 58 |
| Mazari-Sharif | -0.9 | 6.9 | -2.3 | 18.4 | 13.6 | -1.4 | 4.3 | 22.0 | 28 | -4.0 | 12 | 0 | 24 | 93 | 3-7 | 19 | 26 | 68 |
| Maimana | 1.0 | 6.8 | -0.5 | 23.1 | 14.3 | 0.6 | 7.1 | 25.3 | 27 | -5.6 | 20 | 0 | 14 | 98 | 5 | 12 | 21 | 47 |
| Kunduz | 0.4 | 6.4 | -0.6 | 17.8 | 12.5 | -0.3 | 5.1 | 20.5 | 29 | -3.3 | 1 | 0 | 18 | 100 | 6 | 28 | 25 | 69 |
| Kandahar | -2.3 | 7.3 | - | - | 16.9 | -1.1 | 5.9 | 22.9 | 31 | -3.6 | 13-15 16 | 0 | 24 | 89 | 10 | 15 | 25 | 52 |
| Lash-Kargah | -0.8 | 8.2 | -2.0 | 27.3 | 18.9 | 0.6 | 7.0 | 29.0 | 29 | -2.5 | 1 | 0 | 14 | 97 | 8 | 14 | 20 | 53 |
| Farah | -1.3 | 9.6 | - | - | 19.7 | -0.9 | 7.9 | 28.3 | 29 | -6.0 | 1 | 0 | 22 | 97 | 11 | 19 | 1 | 53 |
| Jalalabad | 0.0 | 9.0 | - | - | 18.3 | 0.2 | 7.5 | 22.7 | 21-22 | -3.3 | 19 | 0 | 12 | 80 | 14 | 13 | 11-12 | 48 |
| North ( Salang) | -11.4 | -6.9 | - | - | -3.4 | -10.6 | -7.5 | 2.4 | 31 | -16.8 | 10 | 0 | 31 | 90 | 28 | 13 | 12 | 40 |
| South ( Salang) | -8.1 | -6.6 | - | - | -1.4 | -7.4 | -4.2 | 4.5 | 30-31 | -13.7 | 11 | 0 | 31 | 100 | 9 | 12 | 12-23 | 35 |
| Baghlan | -1.7 | 5.3 | -2.0 | 17.8 | 11.6 | -0.7 | 3.2 | 20.6 | 28 | -5.9 | 2 | 0 | 21 | 100 | 1-2-3 | 26 | 25 | 83 |
| Khost | -2.6 | 6.0 | -3.9 | 27.1 | 15.5 | -2.0 | 4.9 | 21.7 | 28-29 | -5.4 | 16 | 0 | 28 | 85 | 9 | 15 | 11 | 39 |

Royal Afghan Meteorological Institute (RAMI)

Table 1: Precipitation and special phenomena.

| Month: February | Year:1963 | | | | Precipitation in mm.. | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations | Index number | Latitude | Longitude | App. height in meters. | Total | Max in 24 hrs | Date | Rain | Thunder | Snow | Sand or dust or snow storm. | Hail | Sunshine hours. |
| Kabul ( Airport) | 40948 | 34° 33′ | 69° 12′ | 1803 | 45.3 | 15.8 | 14 | 5 | 0 | 1 | 0 | 0 | 210.1 |
| Karizimir..... | 40949 | 34 40 | 69 05 | 1860 | 49.2 | 19.4 | 15 | 5 | 0 | 2 | 0 | 0 | 213.0 |
| Jabul-Saraj..... | 40952 | 35 08 | 69 15 | 1628 | 53.4 | 30.2 | 15 | 6 | 0 | 1 | 0 | 0 | - |
| Ghazni..... | 40960 | 33 33 | 68 25 | 2183 | 28.6 | 21.4 | 14 | 4 | 0 | 3 | 0 | 0 | - |
| Herat..... | 40941 | 34 11 | 62 13 | 964 | 14.1 | 4.9 | 14 | 5 | 0 | 0 | 3 | 0 | - |
| Mazari-Sharif..... | 40920 | 36 42 | 67 13 | 378 | 22.3 | 6.8 | 3 | 10 | 1 | 1 | 0 | 0 | - |
| Maimana..... | 40930 | 35 55 | 64 44 | 854 | 32.0 | 10.0 | 13 | 11 | 0 | 2 | 0 | 0 | - |
| Kunduz..... | 40925 | 36 32 | 68 53 | 430 | 40.4 | 11.6 | 5 | 11 | 1 | 2 | 1 | 0 | - |
| Baghlan..... | 40924 | 36 12 | 68 45 | 510 | 21.1 | 9.7 | 5 | 9 | 0 | 0 | 1 | 0 | - |
| Kandahar ..... | 40980 | 32 37 | 65 48 | 1010 | 5.4 | 3.2 | 11 | 6 | 0 | 0 | 0 | 0 | 222.1 |
| Lash-Kargah..... | 40978 | 31 30 | 64 20 | 780 | 14.3 | 9.4 | 6 | 3 | 0 | 0 | 0 | 0 | - |
| Farah..... | 40966 | 32 24 | 62 07 | 651 | 14.5 | 6.9 | 3 | 5 | 0 | 0 | 1 | 0 | 169.3 |
| Jalalabad(Nangarhar).. | 40950 | 34 26 | 70 28 | 552 | 3.3 | 2.8 | 15 | 3 | 0 | 0 | 1 | 0 | - |
| North ( Salang)..... | 40938 | 35 22 | 69 03 | 3350 | 134.0 | 28.1 | 14 | 0 | 0 | 17 | 1 | 3 | 133.4 |
| South ( Salang)..... | 40937 | 35 21 | 69 03 | 3100 | 158.3 | 37.0 | 15 | 0 | 0 | 13 | 3 | 4 | 152.5 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 12.8 | 8.4 | 14 | 4 | 0 | 0 | 0 | 0 | 235.8 |

Royal Afghan Meteorological Institute (RAMI)

Table 2: Temperature and humidity.

| Month: February. Year:1963 | | | | | Air Temperature in °C ..... | | | | | | | | | Relative humidity..... | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations | Wet-Bulb Temperature | | Ground Temperature | | Mean | Mean | Mean | ABS | Date | ABS | Date | Number of days with Max 30°C or above. | Number of days with Min 00°C or bellow. | Max | Date | Min | Date | Mean ..... |
| | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | Max | Min | Temp. | Max | | Min | | | | | | | | |
| Kabul Airport | 0.1 | 4.9 | -1.7 | 22.7 | 12.6 | -0.3 | 5.9 | 18.4 | 25 | -3.5 | 9 | 0 | 17 | 96 | 5-24 | 21 | 26 | 61 |
| Karizimir. | -1.0 | 4.3 | -1.5 | 24.2 | 11.8 | -0.8 | 4.0 | 18.1 | 25 | -4.5 | 9 | 0 | 19 | 100 | 15 | 27 | 23 | 64 |
| Jabul-Saraj. | 2.0 | 5.8 | 5.1 | 26.3 | 3.7 | 5.0 | 8.9 | 19.4 | 25 | 1.0 | 15 | 0 | 0 | 96 | 15 | 15 | 5 | 41 |
| Ghazni. | -2.1 | 4.1 | - | - | 10.1 | -1.8 | 3.1 | 17.8 | 28 | -6.1 | 9 | 0 | 25 | 98 | 14-15 | 25 | 26 | 66 |
| Herat. | 3.4 | 9.0 | - | - | 17.5 | 2.5 | 9.5 | 27.6 | 25 | -7.0 | 10 | 0 | 7 | 100 | 3-10 | 13 | 24 | 63 |
| Mazari-Sharif. | 4.3 | 9.5 | 4.2 | 21.7 | 15.6 | 4.1 | 9.6 | 28.6 | 26 | -1.7 | 11 | 0 | 3 | 96 | 6 | 17 | 24-25 | 74 |
| Maimana..... | 4.2 | 8.3 | 5.0 | 20.4 | 14.7 | 4.0 | 8.9 | 26.7 | 25 | -6.8 | 11 | 0 | 5 | 100 | 3-9 | 19 | 23 | 68 |
| Kunduz..... | 5.4 | 9.6 | 5.6 | 22.1 | 15.5 | 4.9 | 9.7 | 25.0 | 25 | -1.9 | 11 | 0 | 1 | 97 | 3 | 28 | 24 | 74 |
| Kandahar..... | 3.1 | 9.9 | - | - | 20.0 | 4.9 | 11.6 | 27.7 | 28 | -0.6 | 9 | 0 | 2 | 96 | 12 | 13 | 25 | 50 |
| Lash-Kargah... | 4.7 | 12.0 | - | - | 21.7 | 6.2 | 12.7 | 30.4 | 27 | -1.0 | 8 | 2 | 1 | 100 | 6 | 7 | 10 | 61 |
| Farah..... | 5.0 | 11.9 | - | - | 21.6 | 6.0 | 12.8 | 30.0 | 27 | -0.7 | 7-10 | 1 | 3 | 94 | 11-12 | 20 | 22-26 | 56 |
| Jalalabad..... | 5.8 | 12.8 | - | - | 22.2 | 6.2 | 13.8 | 27.0 | 28 | 0.5 | 1 | 0 | 0 | 92 | 15 | 14 | 6 | 48 |
| North(Salang) | -9.2 | -5.8 | - | - | -2.3 | -8.5 | -5.9 | 3.7 | 28 | -14.0 | 7 | 0 | 28 | 99 | 4 | 22 | 19 | 59 |
| South(Salang) | -7.2 | -4.6 | - | - | -0.6 | -6.5 | -3.8 | 3.6 | 27 | -10.7 | 9 | 0 | 28 | 100 | 14 | 16 | 6 | 56 |
| Baghlan..... | 4.5 | 9.5 | 3.7 | 24.1 | 15.5 | 2.9 | 8.9 | 25.5 | 26 | -2.2 | 1 | 0 | 4 | 97 | 3-4-5 | 23 | 25 | 75 |
| Khost..... | 3.7 | 8.8 | 3.6 | 32.4 | 18.0 | 3.7 | 9.9 | 21.8 | 28 | -0.4 | 6 | 0 | 1 | 97 | 14 | 5 | 5 | 45 |

Royal Afghan Meteorological Institute (RAMI)

Table 1:Precipitation and special phenomena.

| Month:March | Year:1963 | | | | Precipitation in mm | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations.... | Index number | Latitude | Longitude | App. height in meters. | Total | Max in 24 hrs | Date | Rain | Thunder | Snow | Sand or dust or snow storm | Hail | Sun shine hours. |
| | | ° / | ° / | | | | | | | | | | |
| Kabul (Airport)..... | 40948 | 34 33 | 69 12 | 1803 | 55.4 | 13.2 | 3 | 11 | 4 | 3 | 1 | 2 | 175.1 |
| Karizimir..... | 40949 | 34 40 | 69 05 | 1860 | 66.7 | 13.1 | 3 | 9 | 2 | 3 | 0 | 0 | 178.4 |
| Jabul-Saraj..... | 40952 | 35 08 | 69 15 | 1628 | 99.9 | 21.6 | 3 | 8 | 0 | 1 | 0 | 1 | 192.3 |
| Ghazni..... | 40960 | 33 32 | 68 25 | 2183 | 84.2 | 30.1 | 30 | 6 | 2 | 2 | 1 | 0 | - |
| Herat..... | 40941 | 34 11 | 62 13 | 964 | 20.7 | 7.3 | 29 | 5 | 1 | 0 | 8 | 0 | - |
| Mazari-Sharif..... | 40920 | 36 42 | 67 13 | 378 | 46.0 | 12.2 | 6 | 6 | 2 | 1 | 2 | 0 | - |
| Maimana..... | 40930 | 35 55 | 64 44 | 854 | 77.3 | 24.9 | 6 | 8 | 0 | 2 | 0 | 0 | - |
| Kunduz..... | 40925 | 36 32 | 68 53 | 430 | 90.0 | 22.8 | 21 | 9 | 0 | 2 | 6 | 0 | - |
| Baghlan..... | 40924 | 36 12 | 68 45 | 510 | 63.9 | 13.7 | 8 | 8 | 0 | 3 | 1 | 0 | - |
| Lash-Kargah..... | 40978 | 31 30 | 64 20 | 780 | 41.6 | 20.0 | 14 | 4 | 3 | 0 | 9 | 0 | - |
| Kandahar..... | 40980 | 32 37 | 65 48 | 1010 | 90.1 | 29.4 | 30 | 10 | 6 | 0 | 8 | 0 | 242.6 |
| Farah..... | 40966 | 32 24 | 62 07 | 651 | 29.7 | 10.7 | 29 | 5 | 0 | 0 | 5 | 0 | 235.7 |
| Jalalabad(Nangarhar).. | 40950 | 34 26 | 70 26 | 552 | 65.5 | 14.6 | 4 | 13 | 3 | 0 | 2 | 0 | - |
| North ( Salang)..... | 40937 | 35 22 | 69 03 | 3350 | 234.5 | 42.6 | 3 | 0 | 0 | 16 | 3 | 8 | 149.0 |
| South ( Salang)..... | 40938 | 35 21 | 69 03 | 3100 | 243.4 | 65.5 | 3 | 0 | 0 | 16 | 4 | 4 | 178.9 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 101.9 | 28.5 | 30 | 12 | 5 | 0 | 0 | 0 | 212.1 |

Royal Afghan Meteorological Institute (RAMI)

Table 2: Temperature and humidity.

| Month: March Year:1963 | | | | | Air ... temperature in°C..... | | | | | | | | | Relative humidity..... | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations.... | Wet-Bulb Temp. in°C | | Ground. Temp. in°C | | Mean | Mean | Mean | ABS | Date | ABS | Date | Number of days with Max 30°C or above | Number of Days with Min 00°C or bellow. | Max | Date | Min | Date | Mean: |
| | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | Max | Min | Temp. | Max | | Min | | | | | | | | |
| Kabul Airport | 2.8 | 5.9 | 1.3 | 25.9 | 13.8 | 2.2 | 7.4 | 20.3 | 28 | -4.2 | 10 | 0 | 7 | 94 | 4 | 15 | 28 | 61 |
| Karizimir.... | 1.7 | 5.4 | 1.8 | 25.9 | 12.3 | 1.4 | 6.1 | 19.0 | 27-28 29 | -4.9 | 10 | 0 | 7 | 100 | 7-8-31 | 24 | 24 | 65 |
| Jabul-Saraj.. | 4.0 | 6.6 | 8.0 | 24.0 | 16.2 | 6.2 | 9.7 | 21.0 | 29 | -1.5 | 10 | 0 | 2 | 99 | 3 | 10 | 11 | 48 |
| Ghazni..... | -0.3 | 4.4 | - | - | 12.2 | -0.3 | 5.2 | 18.0 | 28 | -8.0 | 10 | 0 | 16 | 96 | 14-16 | 13 | 25 | 57 |
| Herat..... | 4.2 | 9.2 | - | - | 19.1 | 2.7 | 10.7 | 30.0 | 26 | -7.2 | 9 | 1 | 6 | 89 | 29 | 11 | 25 | 57 |
| MAZARI-SHARIF | 6.2 | 10.0 | 7.9 | 26.3 | 17.0 | 5.7 | 11.1 | 29.9 | 26 | -2.4 | 10 | 0 | 3 | 93 | 3 | 22 | 19 | 65 |
| Maimana..... | 4.2 | 7.8 | 5.4 | 22.1 | 14.7 | 3.9 | 8.7 | 27.4 | 26 | -5.4 | 8 | 0 | 4 | 100 | 7 | 19 | 25-26 | 69 |
| Kunduz.. | 7.0 | 10.5 | 8.0 | 24.0 | 16.4 | 5.4 | 10.9 | 27.3 | 19 | -4.7 | 10 | 0 | 4 | 98 | 6 | 37 | 26-27 | 68 |
| Kandahar..... | 5.7 | 10.7 | - | - | 21.8 | 8.2 | 14.3 | 28.6 | 19 | -2.5 | 10 | 0 | 2 | 91 | 4 | 7 | 23 | 45 |
| Lash+Kargah.. | 7.0 | 13.0 | 8.2 | 28.1 | 24.6 | 9.3 | 15.3 | 32.5 | 19 | -2.1 | 10 | 4 | 1 | 89 | 5-14 | 13 | 9 | 48 |
| Farah.... | 6.8 | 12.5 | 9.0 | 26.3 | 23.7 | 8.1 | 15.3 | 31.3 | 19 | -3.0 | 10 | 2 | 1 | 90 | 30 | 10 | 25 | 47 |
| Jalalabad.... | 10.7 | 13.8 | - | - | 21.4 | 9.9 | 15.4 | 28.4 | 27 | 3.9 | 10 | 0 | 0 | 97 | 7 | 25 | 11 | 66 |
| North(Salang) | -8.0 | -4.1 | - | - | -2.0 | -7.5 | -5.0 | 4.7 | 19 | -19.0 | 9 | 0 | 31 | 100 | 9 | 18 | 18 | 64 |
| South(Salang) | -5.3 | -2.5 | - | - | 1.7 | -5.6 | -2.7 | 7.3 | 19 | -16.0 | 10 | 0 | 30 | 100 | 22-30 3 | ? | 24 | 61 |
| Baghlan..... | 6.2 | 10.3 | 7.1 | 24.2 | 16.8 | - | 10.3 | 27.2 | 19 | - | - | 0 | 0 | 100 | 8-9 | 32 | 18-31 | 76 |
| Khost... | 7.4 | 10.2 | 9.5 | 28.2 | 18.0 | 6.8 | 11.9 | 25.4 | 20 | -0.3 | 11 | 0 | 1 | 99 | 30 | 22 | 9-29 | 66 |

Royal Afghan Meteorological Institute (RAMI)

Table:1 Precipitation and special phenomena.

| Month: April | Year:1963 | | | | Precipitation in mm | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations. | Index number | Latitude. | Longitude. | App. height in meters. | Total. | Max in 24 hrs. | Date. | Rain. | Thunder. | Snow. | Sand or dust or snow storm. | Hail | Sunshine hours. |
| Kabul Airport..... | 40948 | 34° 33′ | 69° 12′ | 1803 | 108.0 | 17.6 | 2 | 13 | 13 | 0 | 0 | 0 | 201.0 |
| Karizimir..... | 40949 | 34 40 | 69 05 | 1860 | 97.5 | 21.3 | 5 | 13 | 6 | 1 | 0 | 0 | 197.0 |
| Jabul-Saraj..... | 40952 | 35 08 | 69 15 | 1628 | 87.2 | 18.5 | 5 | 11 | 2 | 0 | 0 | 0 | - |
| Ghazni..... | 40960 | 33 32 | 68 25 | 2183 | 97.5 | 42.5 | 5 | 11 | 1 | 1 | 0 | 0 | - |
| Herat..... | 40941 | 34 11 | 62 13 | 964 | 40.5 | 8.2 | 16 | 10 | 4 | 1 | 4 | 0 | - |
| Mazar-Sharif..... | 40920 | 36 42 | 67 13 | 378 | 67.5 | 18.2 | 23 | 10 | 9 | 0 | 1 | 0 | - |
| Maimana ..... | 40930 | 35 55 | 64 44 | 854 | 94.8 | 21.8 | 22 | 10 | 8 | 1 | 0 | 0 | - |
| Kunduz..... | 40925 | 36 32 | 68 53 | 430 | 55.2 | 20.6 | 23 | 12 | 5 | 1 | 4 | 0 | - |
| Baghlan..... | 40924 | 36 12 | 68 45 | 510 | 38.1 | 17.1 | 2 | 7 | 3 | 0 | 3 | 0 | - |
| Kandahar..... | 40980 | 32 37 | 65 48 | 1010 | 59.0 | 39.9 | 27 | 9 | 6 | 0 | 3 | 0 | 257.3 |
| Lash-Kargah. | 40978 | 31 30 | 64 20 | 780 | 22.6 | 20.0 | 26 | 5 | 5 | 0 | 6 | 0 | - |
| Farah..... | 40966 | 32 24 | 62 07 | 651 | 23.0 | 21.2 | 15 | 4 | 0 | 0 | 3 | 0 | 239.4 |
| Jalalabad(Nangarhar).. | 40950 | 34 26 | 70 28 | 552 | 32.0 | 12.2 | 27 | 11 | 9 | 0 | 0 | 0 | 174.8 |
| North (Salang)..... | 40937 | 35 22 | 69 03 | 3350 | 219.2 | 41.2 | 5 | 3 | 0 | 18 | 0 | 13 | 159.9 |
| South (Salang)..... | 40938 | 35 21 | 69 03 | 3100 | 326.8 | 70.0 | 6 | 8 | 2 | 18 | 1 | 8 | 193.2 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 123.5 | 26.4 | 28 | 15 | 11 | 0 | 0 | 0 | 229.4 |

Royal Afghan Meteorological Institute (RAMI).

Table :2 Temperature and humidity.

| Month:April | Year:1963 | | | | Air temperature in°C..... | | | | | | | | | Relative humidity..... | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Station | Wet-bulb. Temp in°C | | Ground. Temp in°C | | Mean Max | Mean Min | Mean Temp. | ABS Max | Date | ABS Min | Date | Number of days with Max 30°C or above. | Number of days with Min 00°C or below. | Max | Date | Min | Date | Mean. |
| | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | | | | | | | | | | | | | | |
| Kabul Airport. | 8.2 | 11.4 | 6.8 | 29.1 | 18.6 | 6.5 | 12.4 | 26.6 | 12 | 0.0 | 4 | 0 | 0 | 96 | 22 | 22 | 9 | 70 |
| Karizimir. | 7.5 | 10.1 | 9.1 | 27.3 | 17.4 | 5.7 | 11.1 | 26.0 | 12 | -0.9 | 4 | 0 | 1 | 98 | 14-26 | 27 | 10 | 70 |
| Jabul-Saraj. | 8.9 | 11.3 | 15.0 | 30.6 | 19.1 | 10.4 | 14.3 | 27.5 | 12 | 4.5 | 6 | 0 | 0 | 95 | 22-26 28 | 20 | 9 | 57 |
| Ghazni. | 5.6 | 8.9 | - | - | 17.2 | 4.3 | 10.3 | 24.5 | 12 | -0.5 | 4 | 0 | 1 | 92 | 27 | 25 | 13-21 | 63 |
| Herat. | 11.1 | 14.7 | - | - | 25.3 | 10.5 | 18.2 | 35.0 | 12 | 4.0 | 3-5 | 5 | 0 | 100 | 1 | 22 | 30 | 57 |
| Mazari-Sharif. | 14.1 | 16.6 | 19.7 | 41.0 | 26.5 | 12.9 | 20.1 | 37.8 | 12 | 5.4 | 4 | 6 | 0 | 92 | 14 | 19 | 12 | 56 |
| Maimana. | 11.7 | 14.3 | 16.3 | 30.2 | 22.8 | 10.9 | 16.4 | 35.3 | 12 | 3.5 | 4 | 5 | 0 | 99 | 22 | 21 | 9 | 65 |
| Kunduz. | 14.4 | 18.2 | 15.9 | 24.5 | 25.1 | 12.7 | 18.9 | 32.7 | 12-13 | 4.7 | 4 | 5 | 0 | 96 | 22 | 41 | 7 | 70 |
| Kandahar. | 11.6 | 14.6 | - | - | 27.9 | 13.5 | 20.4 | 33.3 | 11-12 | 8.2 | 4 | 10 | 0 | 90 | 6 | 13 | 4-16 | 44 |
| Lash-Kargah. | 12.8 | 17.9 | 15.9 | 51.3 | 31.0 | 15.1 | 21.7 | 37.0 | 11 | 7.6 | 4 | 21 | 0 | 96 | 17 | 13 | 10 | 48 |
| Farah. | 13.6 | 16.8 | 19.1 | 32.6 | 29.9 | 14.5 | 21.9 | 36.7 | 12 | 7.6 | 4 | 16 | 0 | 80 | 18 | 15 | 11 | 46 |
| Jalalabad. | 15.2 | 17.5 | - | - | 27.0 | 14.5 | 20.7 | 34.6 | 13 | 9.9 | 3 | 6 | 0 | 96 | 30 | 20 | 9 | 59 |
| North Salang. | -2.6 | 0.1 | - | - | 3.4 | -2.4 | 0.1 | 10.3 | 12 | 11.8 | 4 | 0 | 24 | 100 | 14-17 | 28 | 11 | 76 |
| South Salang. | -0.1 | 1.1 | - | - | 5.4 | -0.5 | 1.9 | 11.4 | 12 | -7.9 | 4 | 0 | 18 | 100 | 17-24 27 | 27 | 10 | 70 |
| Baghlan. | 15.5 | 23.5 | 16.8 | 38.4 | 24.9 | - | 18.1 | 33.6 | 12 | - | - | 5 | - | 100 | 1 | 21 | 13 | 69 |
| Khost. | 12.3 | 14.7 | 16.6 | 30.2 | 22.3 | 11.2 | 16.5 | 29.6 | 12 | 7.2 | 3 | 0 | 0 | 56 | 26 | 8 | 9 | 39 |

Royal Afghan Meteorological Institute (RAMI)

Table 1: Precipitation and special phenomena.

| Month: May | Year:1963 | | | | Precipitation in mm | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations | Index number | Latitude | Longitude | Alt. height in meters. | Total | Max in 24 hrs. | Date | Rain. | Thunder. | Snow. | Sand or dust or snow storm. | Hail | Sunshine hours. |
| pul Airport. | 40948 | 34° 33′ | 69° 12′ | 1803 | 104.8 | 23.7 | 13 | 14 | 7 | 0 | 1 | 0 | 229.6 |
| risimir. | 40949 | 34 40 | 69 05 | 1860 | 129.7 | 26.0 | 12 | 15 | 8 | 3 | 0 | 0 | 229.4 |
| bul-Saraj. | 40952 | 35 08 | 69 35 | 1628 | 131.0 | 31.5 | 12 | 13 | 2 | 0 | 0 | 0 | 243.1 |
| a z n i. | 40960 | 33 32 | 68 25 | 2183 | 58.7 | 27.5 | 12 | 13 | 8 | 5 | 0 | 0 | - |
| r a t . | 40941 | 34 11 | 62 13 | 964 | 91.2 | 31.4 | 7 | 8 | 2 | 2 | 4 | 0 | - |
| ari-Sharif. | 40920 | 36 42 | 67 13 | 378 | 33.4 | 7.8 | 12 | 9 | 10 | 0 | 1 | 0 | 261.1 |
| ana. | 40930 | 35 55 | 64 44 | 854 | 140.7 | 34.9 | 8 | 9 | 3 | 0 | 0 | 0 | - |
| dus. | 40925 | 36 32 | 68 53 | 430 | 84.0 | 23.1 | 14 | 8 | 4 | 0 | 4 | 0 | - |
| hlan. | 40924 | 36 12 | 68 45 | 510 | 59.7 | 11.8 | 14 | 9 | 2 | 0 | 3 | 0 | - |
| dahar. | 40980 | 32 37 | 65 48 | 1010 | 68.7 | 30.0 | 12 | 7 | 5 | 0 | 9 | 0 | 312.9 |
| h-Kargah. | 40978 | 31 30 | 64 20 | 780 | 34.1 | 20.0 | 12 | 6 | 7 | 0 | 5 | 0 | - |
| r a h. | 40966 | 32 24 | 62 07 | 651 | 25.4 | 14.8 | 12 | 5 | 1 | 0 | 3 | 0 | 182.6 (22days) |
| ALABAD(Nangarhar) | 40950 | 34 26 | 70 28 | 552 | 121.0 | 67.2 | 13 | 11 | 8 | 0 | 1 | 0 | 275.5 |
| th (Salang). | 40938 | 35 22 | 69 03 | 3350 | 402.1 | 84.8 | 12 | 12 | 1 | 18 | 0 | 7 | 187.5 |
| th (Salang). | 40937 | 35 21 | 69 03 | 3100 | 335.4 | 73.0 | 12 | 10 | 2 | 13 | 0 | 4 | 214.7 |
| o s t . | 40959 | 33 40 | 69 55 | 1185 | 120.3 | 35.7 | 13 | 16 | 8 | 0 | 0 | 0 | 277.4 |

Royal Afghan Meteorological Institute (RAMI)

Table 2: Temperature and humidity.

| Month: May | Year: 1963 | | | | Air temperature in °C..... | | | | | | | | | Relative humidity.. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Wet-Bulb Temperature | | Ground Temperature | | Mean | Mean | Mean | | | | | | | | | | | |
| Stations. | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | Max | Min | Temp. | ABS Max | Date | ABS Min | Date | Number of days with Max 30 °C or above. | Number of days with Min 00 °C or bellow. | Max | Date | Min | Date | Mean. |
| Kabul Airport. | 11.5 | 14.0 | 17.4 | 23.5 | 21.7 | 8.9 | 16.1 | 32.0 | 31 | 6.4 | 9 | 3 | 0 | 96 | 13 | 32 | 1 | 68 |
| Karizimir..... | 10.9 | 12.6 | 14.8 | 30.3 | 20.5 | 8.1 | 14.1 | 30.5 | 31 | 5.2 | 1 | 2 | 0 | 100 | 13 | 27 | 30 | 68 |
| Jabul-Saraj... | 10.8 | 12.8 | 20.0 | 36.1 | 22.3 | 13.4 | 17.7 | 33.3 | 31 | 8.5 | 14 | 3 | 0 | 100 | 13 | 20 | 30 | 55 |
| Ghazni... | 8.9 | 11.0 | - | - | 20.9 | 7.4 | 14.1 | 30.6 | 31 | 4.2 | 9 | 2 | 0 | 96 | 12 | 16 | 24 | 59 |
| Herat..... | 13.6 | 16.2 | - | - | 28.0 | 15.1 | 20.8 | 37.6 | 28-29 | [illegible] | 15 | 9 | 0 | 95 | 2 | 17 | 28 | 55 |
| Mazari-Sharif. | 16.8 | 18.7 | 25.5 | 42.8 | 29.8 | 17.3 | 23.5 | 40.0 | 30 | 12.7 | 9 | 17 | 0 | 94 | 8-19 | 18 | 2 | 56 |
| Maimana..... | 14.5 | 15.9 | 21.0 | 36.2 | 25.6 | 13.8 | 19.6 | 38.2 | 30 | 9.6 | 15 | 5 | 0 | 97 | 12 | 19 | 30 | 62 |
| Kunduz..... | 17.5 | 20.9 | - | - | 29.8 | 15.9 | 22.9 | 39.7 | 30 | 10.9 | 15 | 16 | 0 | 96 | 13 | 27 | 31 | 67 |
| Baghlan..... | 16.6 | 18.9 | - | - | 28.8 | 15.8 | 21.8 | 38.0 | 30 | - | - | 12 | 0 | 95 | 4 | 22 | 31 | 64 |
| Kandahar..... | 13.9 | 16.3 | - | - | 32.0 | 16.8 | 24.7 | 40.9 | 31 | 12.9 | 13 | 20 | 0 | 84 | 2 | 6 | 27-28 | 36 |
| Lash-Kargah... | 14.9 | 18.1 | 22.2 | 47.0 | 34.5 | 19.1 | 25.7 | 42.9 | 31 | 14.0 | 13 | 27 | 0 | 96 | 12 | 13 | 9 | 40 |
| Farah .... | 16.4 | 18.3 | 23.9 | 35.8 | 33.0 | 17.4 | 23.8 | 41.3 | 30 | 12.4 | 13 | 23 | 0 | 91 | 12 | 16 | 29 | 45 |
| Jalalabad..... | 17.2 | 19.3 | - | - | 30.9 | 17.3 | 24.6 | 41.6 | 29 | 11.0 | 5 | 18 | 0 | 98 | 12 | 15 | 29 | 55 |
| North(Salang). | 0.1 | 2.5 | - | - | 7.3 | 0.7 | 3.0 | 15.5 | 31 | -3.0 | 16 | 0 | 14 | 100 | 8-9-19 | 23 | 30 | 70 |
| South(Salang). | 1.1 | 3.0 | - | - | 8.7 | 2.4 | 5.3 | 18.9 | 31 | -0.9 | 14 | 0 | 6 | 100 | 12-13 15 | 21 | 30 | 60 |
| Khost..... | 14.8 | 15.9 | 22.2 | 33.6 | 27.0 | 14.4 | 20.6 | 37.3 | 29-30 | 11.2 | 15 | 9 | 0 | 95 | 13 | 9 | 26 | 57 |

Royal Afghan Meteorological Institute (RAMI)

Table 1: Precipitation and special phenomena.

| Month: June | Year: 1963 | | | | | Precipitation in mm | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations. | Index Number | Latitude ° ′ | Longitude ° ′ | App. height in meters | Total | Max in 24 hours | Date | Rain | Thunder | Snow | Sand dust or Snow storm. | Hail | Sunshine hours. |
| Kabul Airport..... | 40948 | 34 33 | 69 12 | 1803 | Tr. | Tr. | 2 | 1 | 0 | 0 | 3 | 0 | 340.9 |
| Karizimir..... | 40949 | 34 40 | 69 05 | 1860 | Tr. | Tr. | 2 | 1 | 1 | 0 | 0 | 0 | 338.1 |
| Jabul - Saraj..... | 40952 | 35 08 | 69 15 | 1628 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 359.9 |
| Ghazni..... | 40960 | 33 32 | 68 25 | 2183 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | - |
| Herat..... | 40941 | 34 11 | 62 13 | 964 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | - |
| Mazari - Sharif..... | 40920 | 36 42 | 67 13 | 378 | 1.7 | 1.7 | 1 | 1 | 0 | 0 | 7 | 0 | 196.9 18days |
| Maimana. | 40930 | 35 55 | 64 44 | 854 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | - |
| Kunduz..... | 40925 | 36 32 | 68 53 | 430 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | - |
| Baghlan..... | 40924 | 36 12 | 68 45 | 510 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | - |
| Kandahar..... | 40980 | 32 37 | 65 48 | 1010 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 383.4 |
| Lash-Kargah. | 40978 | 31 30 | 64 20 | 780 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | - |
| Farah..... | 40966 | 32 24 | 62 07 | 651 | Tr. | Tr. | 1 | 1 | 0 | 0 | 11 | 0 | - |
| Jalalabad(Nangarhar).. | 40950 | 34 26 | 70 28 | 552 | 0.2 | 0.2 | 19 | 1 | 5 | 0 | 4 | 0 | 174.5 17days |
| Nonth - Salang..... | 40938 | 35 22 | 69 03 | 3350 | 2.8 | 2.8 | 1 | 1 | 1 | 0 | 0 | 0 | 292.0 |
| South - Salang..... | 40937 | 35 21 | 69 03 | 3100 | 2.8 | 2.8 | 1 | 2 | 1 | 1 | 2 | 0 | 325.9 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 8.7 | 6.9 | 28 | 2 | 2 | 0 | 0 | 0 | 312.7 |
| Shibergh an... | 409-- | 36 49 | 65 43 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | - |
| Faizabad..... | 40913 | 37 09 | 70 29 | 1200 | 0.2 | 0.2 | 20 | 1 | 3 | 0 | 0 | 0 | - |

Royal Afghan Meteorological Institute (RAMI)

Table 2: Temperature and humidity.

| Month: June | Year: 1963 | | | | Air temperature in °C..... | | | | | | | | | Relative humidity. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations..... | Wet-bulb Temperature 0300 GMT | Wet-bulb Temperature 0900 GMT | Ground Temperature 0630 AST | Ground Temperature 1230 AST | Mean Max | Mean Min | Mean Temp. Mean | ABS Max | Date | ABS Min | Date | Number of days with Max 30°C or above. | Number of days with Min 0°C or bellow. | Max | Date | Min | Date | Mean |
| Kabul Airport | 14.9 | 18.7 | 30.6 | 37.7 | 30.6 | 13.5 | 24.5 | 32.8 | 17 | 9.5 | 3 | 22 | 0 | 72 | 1 | 16 | 8 | 44 |
| Karizimir. | 13.5 | 14.8 | 26.4 | 52.3 | 29.1 | 11.5 | 20.8 | 31.4 | 25 | 8.3 | 5 | 6 | 0 | 78 | 26 | 26 | 3 | 47 |
| Jabul-Saraj. | 12.5 | 14.3 | 31.3 | 50.9 | 30.1 | 22.2 | 25.9 | 34.7 | 17 | 20.8 | 7-10 | 15 | 0 | 44 | 1 | 22 | 12 | 32 |
| Ghazni. | 11.5 | 14.5 | - | - | 29.6 | 12.7 | 22.1 | 31.6 | 27 | 9.0 | 3 | 16 | 0 | 70 | 25 | 11 | 7 | 35 |
| H e r a t. | 16.6 | 20.0 | - | - | 36.0 | 19.9 | 27.7 | 42.1 | 12 | 17.7 | 15 | 30 | 0 | 64 | 1 | 8 | 3 | 35 |
| Mazari-Sharif. | 18.3 | 20.4 | 34.4 | 57.3 | 37.1 | 22.7 | 30.8 | 42.6 | 13 | 17.9 | 16 | 30 | 0 | 81 | 1 | 12 | 24 | 27 |
| Maimana. | 17.2 | 19.0 | 28.3 | 47.4 | 34.1 | 16.7 | 26.5 | 38.3 | 23 | 13.3 | 26 | 28 | 0 | 73 | 1 | 19 | 23 | 43 |
| Kunduz. | 18.5 | 20.0 | 32.0 | 56.6 | 37.8 | 22.8 | 30.4 | 41.6 | 12 | 18.8 | 2 | 30 | 0 | 81 | 1 | 11 | 8-17-18 | 29 |
| Baghlan. | 18.1 | 19.9 | 30.0 | 62.5 | 36.4 | 19.9 | 27.3 | 40.2 | 12 | 17.0 | 9 | 29 | 0 | 81 | 1 | 13 | 12-18 22 | 39 |
| Kandahar. | 14.5 | 19.2 | - | - | 39.9 | 21.1 | 30.9 | 43.2 | 13 | 18.3 | 17 | 30 | 0 | 39 | 10-23 | 8 | 4-5 | 20 |
| Lash-Kargah. | 16.3 | 21.5 | 28.5 | 54.9 | 42.4 | 23.7 | 31.6 | 45.4 | 11 | 20.5 | 16 | 30 | 0 | 48 | 14 | 10 | 6 | 27 |
| F a r a h. | 18.4 | 21.0 | - | - | 40.8 | 23.3 | 32.2 | 45.6 | 12 | 17.8 | 16 | 30 | 0 | 48 | 1 | 12 | 4-7 | 27 |
| Jalalabad. | 22.9 | 26.3 | - | - | 41.6 | 24.1 | 34.6 | 44.7 | 13 | 20.0 | 16 | 30 | 0 | 77 | 15 | 14 | 8 | 37 |
| North Salang. | 2.9 | 6.1 | - | - | 13.0 | 4.9 | 8.1 | 15.3 | 26 | 2.1 | 3 | 0 | 0 | 98 | 2 | 24 | 10 | 56 |
| South Salang. | 4.1 | 6.2 | - | - | 15.1 | 8.5 | 11.2 | 21.1 | 27 | 4.8 | 6 | 0 | 0 | 77 | 14 | 15 | 12 | 38 |
| K h o s t. | 18.0 | 19.3 | 35.2 | 56.0 | 35.6 | 21.4 | 29.0 | 38.8 | 14 | 16.9 | 4 | 30 | 0 | 79 | 28 | 9 | 3 | 33 |
| Shiberghan. | 16.7 | 19.6 | 24.4 | 62.4 | 37.0 | 21.5 | 31.6 | 41.5 | 12-22 23 | 18.0 | 14 | 29 | 0 | 67 | 2 | 9 | 17 | 28 |
| Faizabad. | 18.5 | 19.0 | 29.1 | 49.6 | 33.8 | 14.8 | 27.0 | 36.0 | 12-23 | 10.5 | 21 | 27 | 0 | 67 | 20 | 22 | 21 | 41 |

Royal Afghan Meteorological Institute ( R.A.M.I )

Table 1: Precipitation and sepecial phenomena.

LIBRARY JUL 1 1964

| Month:July | Year:1963 | | | | Precipitation in mm | | | Number of days With;..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations | Index number | Latitude ° / | Longitude ° / | App. height in meters. | Total | Max in 24 hrs | Date | Rain | Thunder | snow | Sand or dust or snow storm | Hail | Sunshine hours |
| Kabul Airport..... | 40948 | 34 33 | 69 12 | 1803 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 367,0 |
| Karizimir..... | 40949 | 34 40 | 69 05 | 1860 | 1,7 | 1,7 | 2 | 1 | 2 | 0 | 0 | 0 | 370,3 |
| Jabul - Saraj..... | 40952 | 35 08 | 69 15 | 1628 | 13,4 | 13,4 | 2 | 1 | 1 | 0 | 4 | 0 | 361,1 |
| Ghazni..... | 40960 | 33 32 | 68 25 | 2183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| Herat..... | 40941 | 34 11 | 62 13 | 964 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | - |
| Mazari - Sharif..... | 40920 | 36 42 | 67 13 | 378 | Tr. | Tr. | 1 | 1 | 0 | 0 | 3 | 0 | 95,0 8 days |
| Maimana..... | 40930 | 35 55 | 64 44 | 854 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| Kunduz..... | 40925 | 36 32 | 68 53 | 430 | Tr. | Tr. | 1 | 1 | 0 | 0 | 14 | 0 | 275,2 |
| Baghlan..... | 40924 | 36 12 | 68 45 | 510 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| Kandahar..... | 40980 | 32 37 | 65 48 | 1010 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 337,6 |
| Lash-Kargah. | 40978 | 31 30 | 64 20 | 780 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | - |
| Farah..... | 40966 | 32 24 | 62 07 | 651 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | - |
| Jalalabad(Nangarhar).. | 40950 | 34 26 | 70 28 | 552 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 333,1 |
| North ( Salang ) | 40937 | 35 22 | 69 03 | 3350 | 11,2 | 7,1 | 2 | 3 | 2 | 0 | 0 | 0 | 292,2 |
| South ( Salang )..... | 40938 | 35 21 | 69 03 | 3100 | 11,5 | 9,6 | 2 | 3 | 2 | 2 | 0 | 1 | 342,2 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 85,1 | 60,3 | 1 | 10 | 9 | 0 | 0 | 1 | 288,1 |
| Shibergh an.. | 409— | 36 40 | 65 43 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 380,5 |
| Faizabad..... | 40913 | 37 09 | 70 29 | 1200 | Tr. | Tr. | 1 | 4 | 4 | 0 | 0 | 0 | 329,2 |

Royal Afghan Meteorological Institute (R.A.M.I)

Table 2: Temperature and humidity.

| Month:July | | | Year:1963 | | Air temperature in°C..... | | | | | | | | | Relative humidity;..... | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations..... | Wet-bulb. Temperature | | Ground. Temperature | | | | | | | | | | | | | | | |
| | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | Mean Max | Mean Min | Mean Temp. | ABS Max | Date | ABS Min | Date | Number of days With Max 30°C or above. | Number of days With Min 0°C or bellow | Max | Date | Min | Date | Mean |
| Kabul A/P | 15,8 | 19,5 | 29,3 | 43,3 | 34,7 | 14,7 | 25,1 | 34,7 | 17 | 11,8 | 25 | 26 | 0 | 85 | 4 | 18 | 12 | 41 |
| Karizimir. | 13,1 | 15,4 | 25,1 | 55,3 | 30,6 | 12,3 | 22,1 | 33,4 | 16 | 9,8 | 15 | 22 | 0 | 81 | 23 | 24 | 25 | 44 |
| Jabul-Saraj. | 12,7 | 14,9 | - | - | 31,1 | 23,1 | 26,8 | 33,5 | 17-25 | 18,4 | 2 | 24 | 0 | 51 | 2 | 9 | 25-26 | 23 |
| G h a z n i. | 13,0 | 16,6 | - | - | 31,4 | 14,2 | 23,3 | 34,0 | 17 | 11,6 | 25 | 25 | 0 | 71 | 23 | 16 | 6 | 53 |
| H e r a t. | 15,5 | 18,6 | - | - | 36,7 | 21,0 | 29,2 | 42,5 | 17 | 18,2 | 14 | 31 | 0 | 66 | 2 | 9 | 25 | 26 |
| Mazari-Sharif | 17,2 | 19,7 | 35,0 | 61,0 | 37,9 | 25,9 | 32,5 | 42,5 | 18 | 19,8 | 1 | 31 | 0 | 51 | 1 | 11 | 11-16 | 19 |
| Maimana..... | 17,4 | 20,4 | 28,6 | 46,9 | 35,2 | 17,1 | 28,0 | 39,6 | 17-18 | 13,2 | 2 | 30 | 0 | 64 | 2 | 19 | 16 | 40 |
| Kunduz..... | 21,5 | 23,8 | 33,2 | 59,6 | 38,8 | 23,4 | 31,0 | 43,0 | 18 | 20,1 | 3 | 30 | 0 | 66 | 28 | 16 | 19 | 42 |
| Baghlan..... | 17,6 | 20,4 | 27,2 | 66,3 | 37,2 | 18,9 | 27,1 | 41,6 | 18 | 16,4 | 13 | 30 | 0 | 70 | 29 | 14 | 6-7-8 | 39 |
| Kandahar.... | 14,1 | 22,4 | - | - | 40,0 | 21,8 | 31,1 | 42,8 | 19 | 18,8 | 3 | 31 | 0 | 41 | 15 | 11 | 5-3 | 40 |
| Lash-Kargah. | 16,1 | 20,6 | 29,3 | 54,9 | 42,6 | 24,4 | 32,1 | 43,8 | 7-26 | 19,4 | 15 | 31 | 0 | 62 | 13 | 10 | 25 | - |
| F a r a h... | 18,1 | 21,1 | - | - | 41,7 | 25,1 | 34,2 | 45,3 | 26 | 21,3 | 24 | 31 | 0 | 39 | 1-24-31 | 13 | 11-14 | 23 |
| Jalalabad... | 23,6 | 25,6 | - | - | 41,0 | - | 34,4 | 45,7 | 19 | - | - | 31 | - | 77 | 31 | 12 | 27 | 42 |
| North Salang. | 2,5 | 5,5 | - | - | 13,7 | 5,4 | 8,7 | 16,7 | 17 | 2,4 | 13-14 | 0 | 0 | 99 | 2 | 13 | 25 | 49 |
| South Salang. | 4,1 | 6,0 | - | - | 15,5 | 9,1 | 11,7 | 18,8 | 16 | 6,1 | 12 | 0 | 0 | 71 | 2 | 7 | 25 | 34 |
| K h o s t.... | 20,4 | 21,7 | 32,1 | 48,2 | 34,0 | 22,3 | 28,3 | 37,7 | 9 | 18,6 | 24 | 30 | 0 | 87 | 13 | 19 | 9 | 52 |
| Shiberghan... | 16,2 | 19,9 | 23,8 | 63,3 | 37,9 | 21,9 | 32,2 | 42,5 | 18 | 18,0 | 2 | 31 | 0 | 48 | 2-8 | 11 | 25 | 26 |
| Fazabad..... | 15,9 | 18,6 | 28,5 | 53,1 | 35,6 | 16,0 | 24,4 | 38,9 | 27 | 13,2 | 13 | 31 | 0 | 80 | 22 | 14 | 4 | 39 |

Royal Afghan Meteorological Institute (R.A.M.I)
Table 1: Precipitations and special phenomena.

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| Month: August | | Year:1963 | | | Precipitation in mm | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations | Index number | Latitude | Longitude | App. height in meters. | Total | Max in 24 hours. | Date. | Rain. | Thunder. | Snow. | Sand dust or snow storm. | Hail | Sun shine hours. |
| Kabul Airport. | 40948 | 34° 33′ | 69° 12′ | 1803 | 6.4 | 6.4 | 23 | 2 | 3 | 0 | 3 | 0 | - |
| Karizimir. | 40949 | 34 40 | 69 05 | 1860 | 4.0 | 4.0 | 23 | 2 | 2 | 0 | 0 | 0 | 337.5 |
| Jabul-Saraj. | 40952 | 35 08 | 69 15 | 1628 | 0.6 | 0.6 | 23 | 1 | 1 | 0 | 3 | 0 | 267.7(24days) |
| Ghazni. | 40960 | 33 32 | 68 25 | 2183 | 1.3 | 1.3 | 1 | 1 | 1 | 0 | 1 | 0 | - |
| Herat. | 40941 | 34 11 | 62 13 | 964 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 15 | 0 | - |
| Mazari-Sharif. | 40920 | 36 42 | 67 13 | 378 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 1 | 0 | 315.3(27days) |
| Maimana. | 40930 | 35 55 | 64 44 | 854 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| Kunduz. | 40925 | 36 32 | 68 53 | 430 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 11 | 0 | - |
| Baghlan. | 40924 | 36 12 | 68 45 | 510 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| Kandahar. | 40980 | 32 37 | 65 48 | 1010 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 6 | 0 | 274.1 |
| Lash- Kargah. | 40978 | 31 30 | 64 20 | 780 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 9 | 0 | - |
| Farah. | 40966 | 32 23 | 62 07 | 651 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 12 | 0 | - |
| Jalalabad(Nangahar) | 40950 | 34 26 | 70 28 | 552 | 1.0 | 0.6 | 23 | 2 | 7 | 0 | 0 | 0 | 305.6 |
| North (Salang). | 40937 | 35 22 | 69 03 | 3350 | 0.0 | 0.0 | 0 | 0 | 1 | 0 | 0 | 0 | 287.5 |
| South (Salang). | 40938 | 35 21 | 69 03 | 3100 | 2.0 | 2.0 | 28 | 2 | 2 | 2 | 0 | 0 | 344.5 |
| Khost. | 40959 | 33 40 | 69 55 | 1185 | 72.1 | 17.0 | 21 | 7 | 8 | 0 | 0 | 0 | 289.7 |
| Shiberghan. | 40927 | 36 40 | 65 43 | 360 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 372.8 |
| Faizabad. | 40913 | 37 09 | 70 29 | 1200 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 330.5 |

Royal Afghan Meteorological Institute (R.A.M.I)

Table 2:Temperature and humidity.

| Month: August | Year:1963 | | | | Air temperature in °C..... | | | | | | | | | Relative humidity.... | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations..... | Wet-bulb. Temperature in °C | | Ground. Temperature in °C | | Mean | Mean | Mean | ABS | | ABS | | Number of days with Max 30 °C or above. | Number of days with Min 00 °C or below. | | | | | |
| | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | Max | Min | Temp. | Max | Date | Min | Date | | | Max | Date | Min | Date | Mean |
| Kabul Airport | 15.9 | 21.3 | 26.6 | 40.2 | 32.1 | 13.9 | 24.1 | 34.3 | 16-17 18 | 10.9 | 11 | 27 | 0 | 87 | 24 | 13 | 15 | 56 |
| Karizimir. | 12.9 | 15.1 | 21.4 | 53.3 | 30.6 | 12.0 | 20.6 | 33.0 | 18 | 9.2 | 9 | 18 | 0 | 86 | 12 | 24 | 16-18 | 47 |
| Jabul-Saraj. | 12.8 | 15.7 | - | - | 31.6 | 22.4 | 26.4 | 33.9 | 19 | 17.5 | 13-24 | 28 | 0 | 68 | 13 | 7 | 9 | 22 |
| G h a z n i. | 12.6 | 17.6 | - | - | 31.3 | 13.3 | 22.1 | 34.5 | 16 | 9.8 | 29 | 23 | 0 | 61 | 1 | 12 | 29 | 48 |
| H e r a t. | 14.1 | 17.9 | - | - | 34.3 | 18.9 | 27.1 | 37.6 | 16 | 12.6 | 27 | 30 | 0 | 50 | 4-11 | 9 | 15-16 27 | 27 |
| Mazari-Sharif. | 14.4 | 17.9 | 32.2 | 59.9 | 36.2 | 23.2 | 29.8 | 40.5 | 16 | 17.5 | 28 | 31 | 0 | 29 | 3 | 9 | 7 - 8 | 15 |
| M a i m a n a. | 15.4 | 19.2 | 25.1 | 43.2 | 33.0 | 14.4 | 24.6 | 37.7 | 17 | 10.6 | 27 | 28 | 0 | 64 | 4 | 25 | 15-16 | 42 |
| Kunduz. | 19.3 | 22.9 | 29.1 | 57.3 | 36.3 | 20.7 | 28.8 | 40.6 | 15 | 16.9 | 28 | 31 | 0 | 62 | 1 | 24 | 25 | 43 |
| Baghlan. | 15.2 | 19.3 | 23.5 | 61.9 | 35.4 | 16.6 | 24.3 | 39.2 | 17 | 13.6 | 29 | 31 | 0 | 64 | 28 | 14 | 8-10 16 | 41 |
| Kandahar. | 13.2 | 18.9 | - | - | 33.1 | 20.6 | 29.4 | 42.4 | 17 | 15.6 | 25 | 31 | 0 | 45 | 30 | 11 | 31 | 22 |
| Lash-Kargah. | 13.3 | 18.2 | 23.9 | 53.2 | 40.2 | 21.2 | 29.0 | 45.0 | 4 | 16.4 | 28-29 30 | 31 | 0 | 65 | 23 | 10 | 29-14 7 | 22 |
| F a r a h. | 15.8 | 20.2 | - | - | 40.3 | 22.3 | 31.6 | 44.4 | 17 | 16.0 | 24 | 31 | 0 | 42 | 6 | 13 | (5-7-10) | 22 |
| Jalalabad. | 24.2 | 25.5 | - | - | 38.8 | 26.9 | 32.5 | 41.6 | 3-7 | 21.8 | 3 | 31 | 0 | 72 | 6 | 21 | 11 | 49 |
| North ( Salang) | 1.7 | 5.1 | - | - | 13.2 | 4.3 | 7.7 | 15.8 | 18 | 1.4 | 26 | 0 | 0 | 86 | 5 | 16 | 16 | 48 |
| South (Salang) | 4.0 | 6.5 | - | - | 16.3 | 9.1 | 12.1 | 18.2 | 18 | 5.4 | 26 | 0 | 0 | 62 | 23 | 15 | 31 | 32 |
| K h o s t. | 21.3 | 22.8 | 29.0 | 43.8 | 32.4 | 22.2 | 26.7 | 36.0 | 4 | 18.0 | 24 | 27 | 0 | 89 | 8 | 35 | 4 | 63 |
| Shiberghan. | 14.0 | 18.8 | 23.0 | 62.2 | 37.0 | 19.3 | 26.0 | 41.6 | 17 | 15.0 | 28 | 31 | 0 | 58 | 20 | 7 | 14 | 31 |
| Faizabad. | 14.1 | 18.2 | 24.3 | 51.3 | 34.9 | 13.5 | 23.2 | 38.5 | 18 | 11.0 | 28 | 30 | 0 | 60 | 8 | 28 | 17 | 45 |

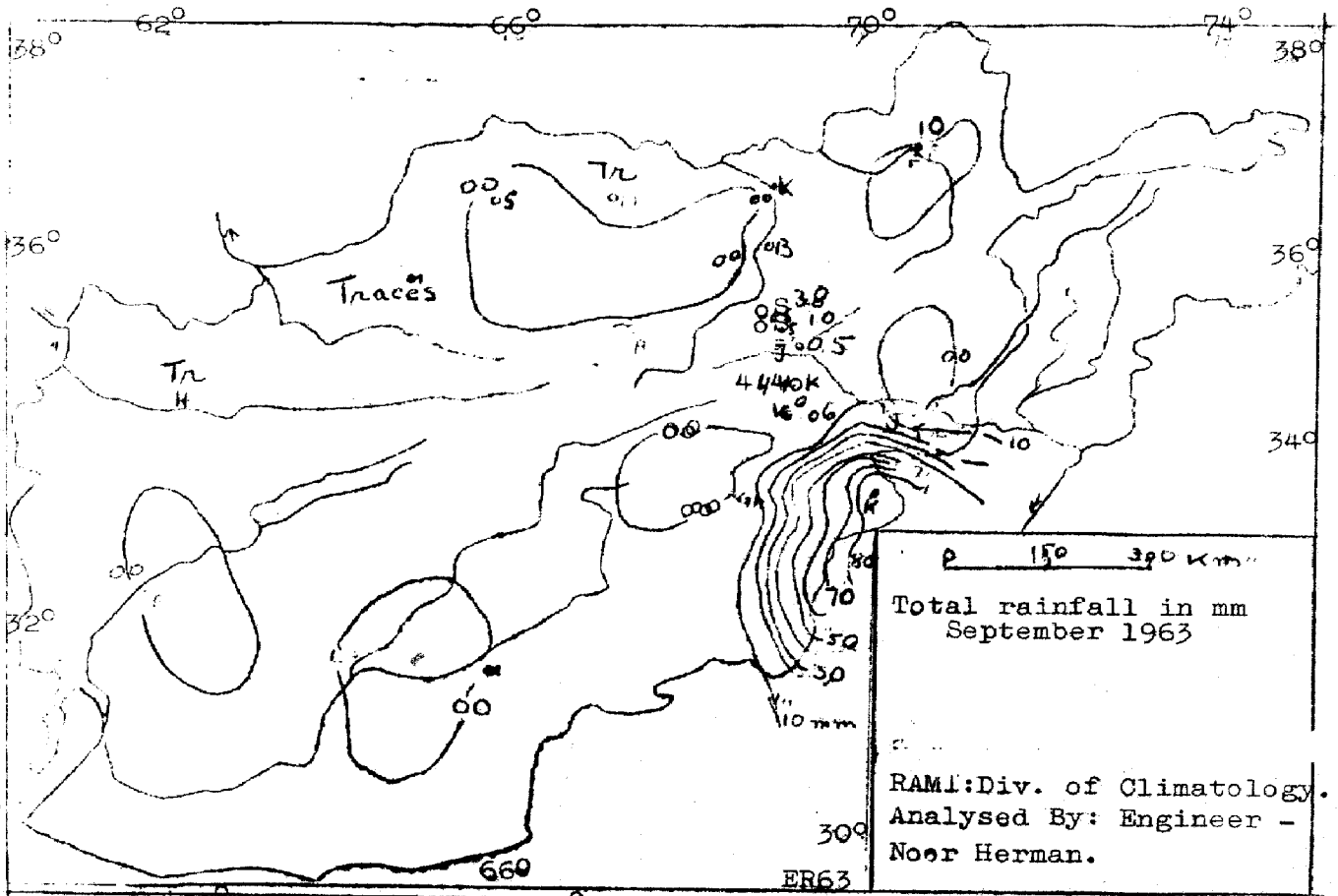
Royal Afghan Meteorological Institute (RAMI)

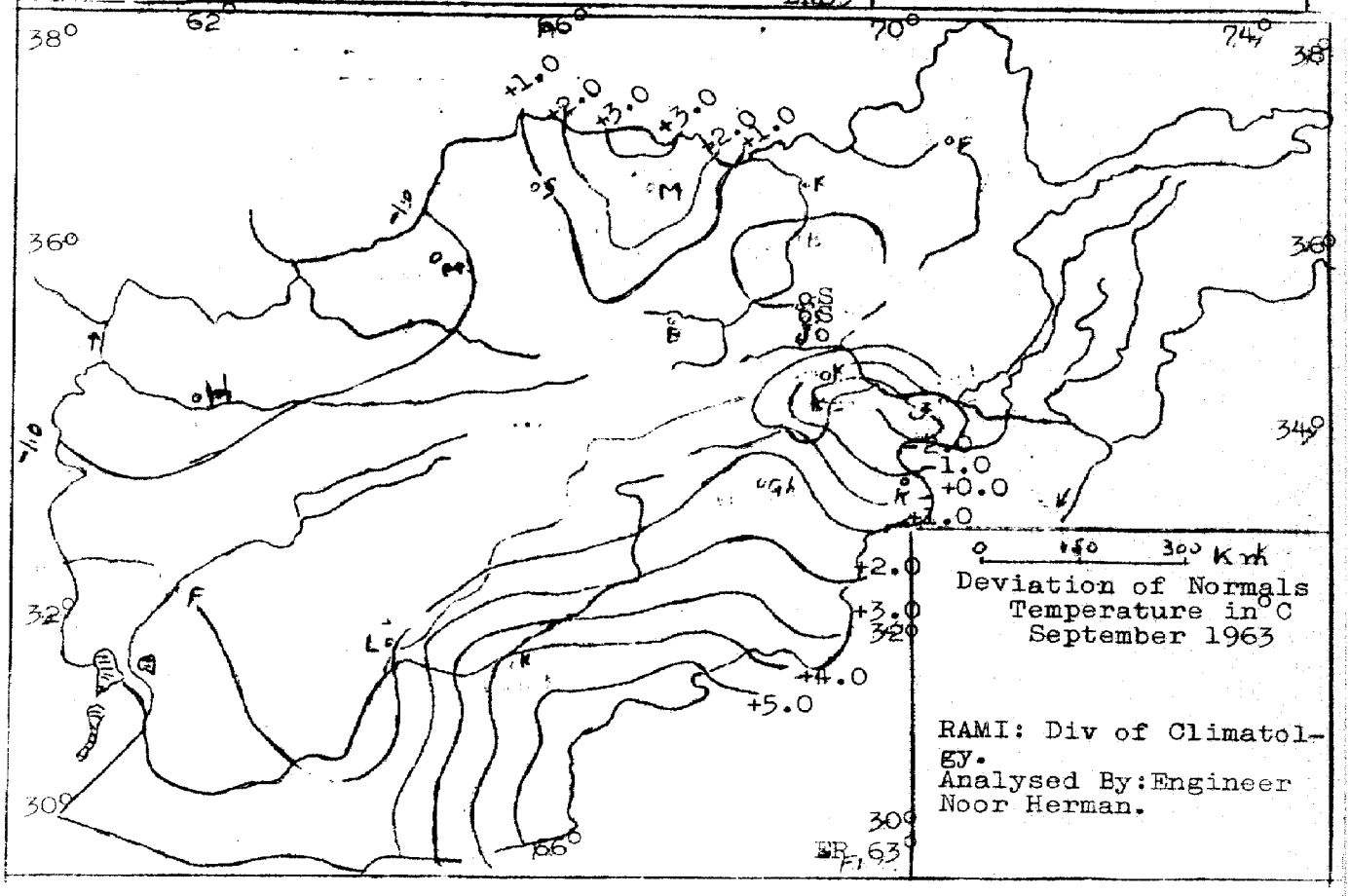
Table 1 : Precipitations and special phenomana.

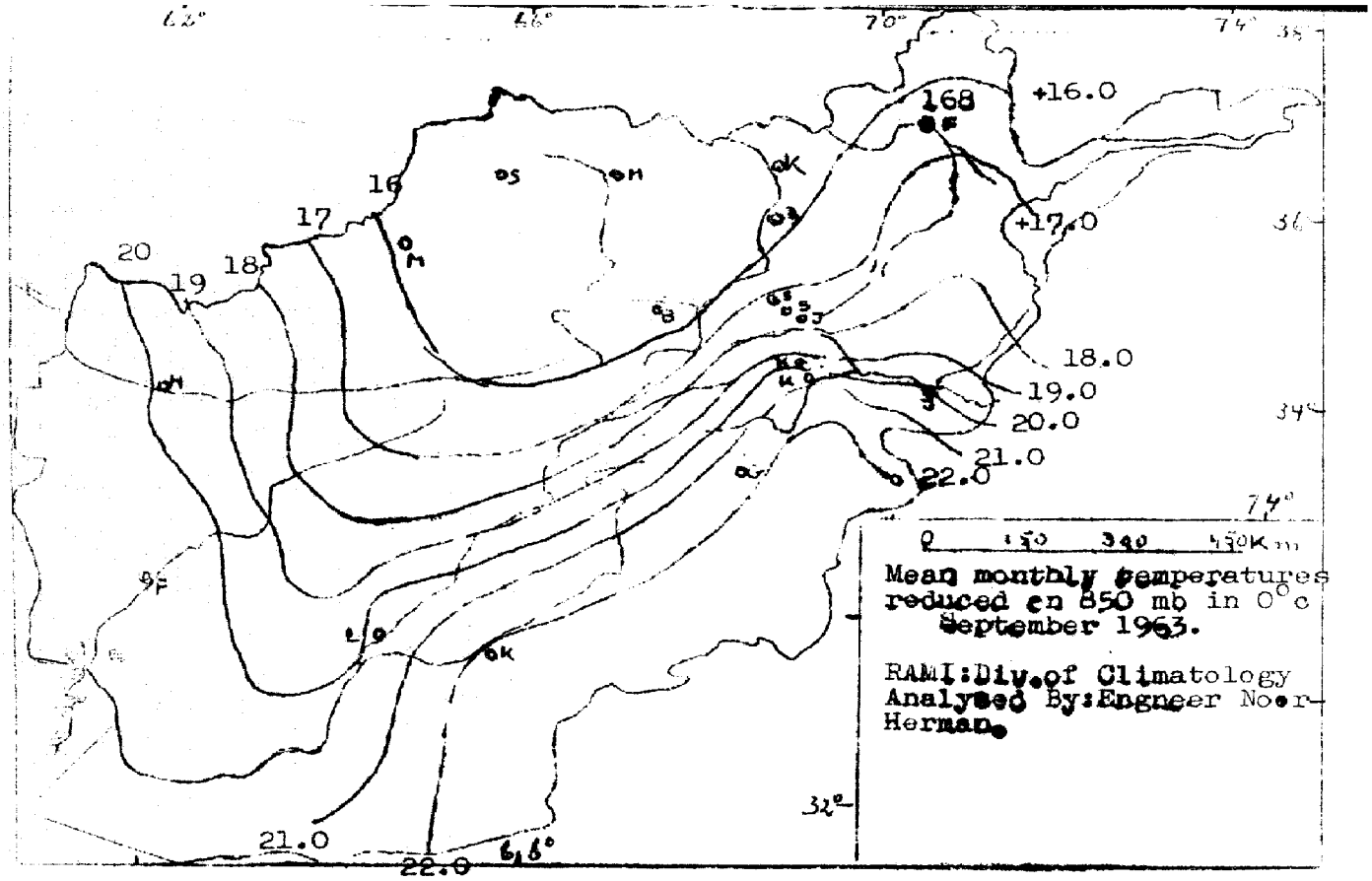
| Month : September<br>Year : 1963 | Possition..... | | | | Precipitation in mm | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations..... | Index number | Latitude ° ′ | Longitude ° ′ | App height In meters. | Total | Max in 24 hours. | Date | Rain | Thunder | Snow | Sand dust or snow storm | Hail | Sun shine hours. |
| Kabul Air port..... | 40948 | 34 33 | 69 12 | 1803 | 0.6 | 0.6 | 12 | 2 | 2 | 0 | 0 | 0 | 183.9<br>17days. |
| Karizimir..... | 40949 | 34° 40′ | 69° 05′ | 1860 | 4.4 | 4.4 | 11 | 2 | 2 | 0 | 0 | 0 | 259.3<br>25days. |
| Jabul - Saraj..... | 40952 | 35 08 | 69 15 | 1628 | 0.5 | 0.5 | 12 | 2 | 3 | 0 | 2 | 0 | 291.7 |
| Ghazni..... | 40960 | 33 32 | 68 25 | 2183 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| Herat..... | 40941 | 34 11 | 62 13 | 964 | Tr. | Tr. | 11 | 1 | 0 | 0 | 5 | 0 | - |
| Mazari - Sharif..... | 40920 | 36 42 | 67 13 | 378 | Tr. | Tr: | 11 | 1 | 0 | 0 | 3 | 0 | - |
| Maimana..... | 40930 | 35 55 | 64 44 | 854 | Tr. | Tr. | 11 | 1 | 0 | 0 | 1 | 0 | - |
| Kunduz..... | 40925 | 36 32 | 68 53 | 430 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 6 | 0 | - |
| Baghlan ..... | 40924 | 36 12 | 68 45 | 510 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 3 | 0 | - |
| Kandahar(1) | 40980 | 32 37 | 65 48 | 1010 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 1 | 0 | - |
| Lash-Kargah | 40978 | 31 30 | 64 20 | 780 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 4 | 0 | - |
| Farah..... | 40966 | 32 24 | 62 07 | 651 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 9 | 0 | - |
| Jalalabad(Nangarhar).. | 40950 | 34 26 | 70 28 | 552 | Tr. | Tr. | 11 | 1 | 5 | 0 | 0 | 0 | 275.7 |
| North ( Salang)..... | 40937 | 35 22 | 69 03 | 3350 | 3.8 | 3.8 | 11 | 1 | 0 | 0 | 0 | 1 | 237.3 |
| South ( Salang)..... | 40938 | 35 21 | 69 03 | 3100 | 1.0 | 1.0 | 11 | 1 | 1 | 0 | 0 | 0 | 314.2 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 81.3 | 35.9 | 2 | 6 | 10 | 0 | 0 | 0 | 283.1 |
| Shibergh an... | 40927 | 36 40 | 65 43 | 360 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 5 | 0 | - |
| Faizabad..... | 40913 | 37 09 | 70 29 | 1200 | 10.0 | 5.0 | 13-14 | 2 | 0 | 0 | 0 | 0 | - |
| Kandahar( 2 ) | 40981 | 31 30 | 65 31 | 1030 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 5 | 0 | 213.4<br>21days. |

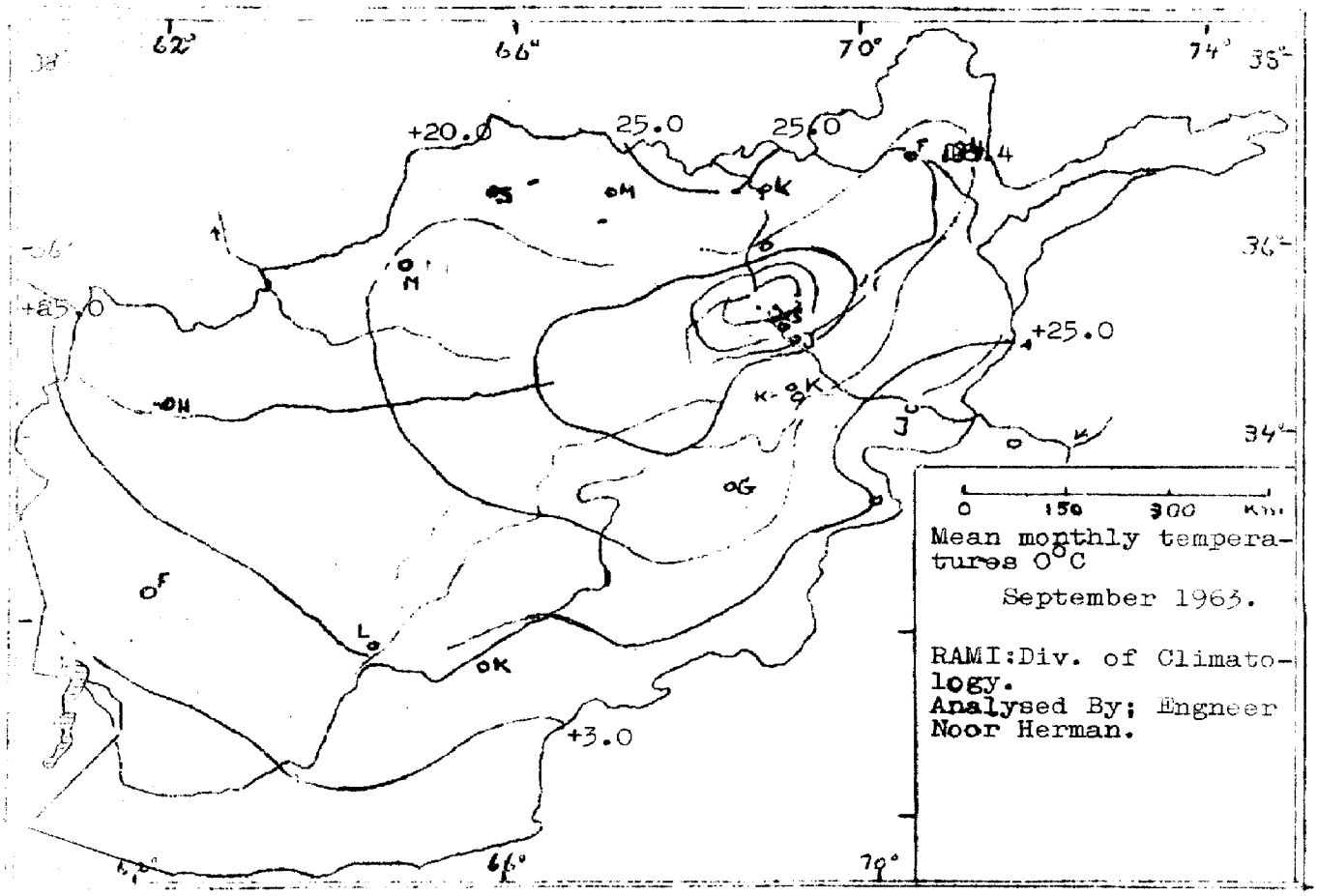
Royal Afghan Meteorological Institute (RAMI)
Table:2 Temperature and humidity.

| Month:September Year :1 9 6 3 | Temperature in °C ..... | | | | | | | | | | | | | Relative humidity..... | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations..... | Wet- Bulb Temperature in°C..... | | Ground Temperature in°C..... | | Mean | Mean | Mean | ABS | | ABS | | | | Max | | Min | | |
| | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | Max | Min | Temp. | Max | Date | Min | Date | Number of days with Max 30°C or above. | Number of days with Min 60°C or Below. | Max | Date | Min | Date | Mean |
| Kabul Airport. | 11.0 | 18.7 | 19.3 | 34.3 | 28.6 | 9.4 | 19.5 | 33.5 | 1 | 5.2 | 26-27 | 12 | 0 | 97 | 16 | 13 | 30 | 54 |
| Karizimir..... | 8.6 | 12.6 | 12.1 | 48.7 | 27.3 | 7.9 | 16.8 | 32.0 | 1 | 4.4 | 14 | 4 | 0 | 97 | 11 | 09 | 23 | 32 |
| Jabul-Saraj... | 9.6 | 13.1 | - | - | 25.9 | 18.8 | 23.0 | 32.0 | 1 | 13.8 | 28 | 9 | 0 | 54 | 11 | 9 | 8-18 | 19 |
| Ghazni... | 7.0 | 13.6 | - | - | 27.3 | 7.7 | 17.2 | 31.4 | 1 | 3.5 | 17 | 5 | 0 | 77 | 12 | 10 | 20 | 37 |
| Herat. | 9.8 | 15.6 | - | - | 32.0 | 14.3 | 22.7 | 38.2 | 6 | 8.0 | 28 | 20 | 0 | 73 | 11 | 9 | 1-26 | 26 |
| Mazari-Sharif. | 11.9 | 15.9 | 23.8 | 51.2 | 32.1 | 16.6 | 24.3 | 38.8 | 7 | 7.7 | 17 | 20 | 0 | 65 | 17 | 5 | 6 | 22 |
| Maimana..... | 11.6 | 16.9 | 17.5 | 38.2 | 29.3 | 11.7 | 19.8 | 36.7 | 6 | 6.0 | 15 | 12 | 0 | 87 | 25-26 | 19 | 5 | 50 |
| Kunduz... | 15.3 | 20.2 | 23.2 | 48.5 | 31.8 | 16.1 | 24.2 | 38.1 | 8 | 10.8 | 26 | 19 | 0 | 72 | 26 | 15 | 19 | 44 |
| Baghlan. | 11.8 | 17.2 | 16.5 | 53.2 | 31.2 | 12.0 | 20.0 | 36.2 | 8 | 8.1 | 17 | 17 | 0 | 84 | 12 | 15 | 19 | 46 |
| Kandahar (1).. | 9.5 | 16.6 | - | - | 33.8 | 14.6 | 25.9 | 38.1 | 7 | 9.8 | 18 | 29 | 0 | 42 | 26 | 8 | 30 | 20 |
| Lash-Kargah... | 9.7 | 15.7 | 18.4 | 49.5 | 36.5 | 15.5 | 24.9 | 41.4 | 6 | 10.0 | 17 | 29 | 0 | 60 | 29 | 5 | 2 | 21 |
| Farah..... | 12.3 | 19.1 | - | - | 36.5 | 17.0 | 26.9 | 41.4 | 6 | 10.6 | 28 | 30 | 0 | 46 | 12 | 13 | 13 | 24 |
| Jalalabad..... | 19.9 | 23.3 | - | - | 35.8 | 22.0 | 28.8 | 38.3 | 1 | 15.0 | 29 | 30 | 0 | 79 | 7-28 | 10 | 25 | 47 |
| North-Salang.. | -1.7 | 1.9 | - | - | 9.5 | 1.2 | 4.3 | 15.3 | 7 | -1.9 | 30 | 0 | 11 | 100 | 13-14 26 | 10 | 19 | 45 |
| South-Salang.. | 1.1 | 3.5 | - | - | 13.2 | 6.0 | 9.1 | 19.5 | 7 | 0.6 | 26 | 0 | 0 | 86 | 14 | 4 | 16 | 27 |
| Khost..... | 17.2 | 19.1 | 24.4 | 40.9 | 30.0 | 17.7 | 23.8 | 33.0 | 1 | 12.6 | 13 | 18 | 0 | 91 | 2 | 20 | 19 | 55 |
| Shiberghan.... | 10.2 | 15.9 | 15.2 | 52.9 | 31.6 | 15.4 | 21.5 | 37.7 | 7 | 7.5 | 27 | 20 | 0 | 68 | 17 | 5 | 4 | 33 |
| Faizabad | 10.6 | 16.6 | 17.4 | 47.5 | 30.3 | 9.3 | 18.4 | 36.0 | 9 | 15.2 | 27 | 16 | 0 | 96 | 24 | 13 | 23 | 40 |
| Kandahar (2).. | 8.9 | 16.5 | - | - | 34.7 | 14.8 | 25.0 | 39.0 | 9 | 9.1 | 17 | 29 | 0 | 46 | 26 | 10 | 3-21-28 | 20 |


62°
66°
70°
74°
38°
36°
34°
32°
30°
Traces
Tr
10 mm
0 150 300 Km
Total rainfall in mm
September 1963
RAMI:Div. of Climatology.
Analysed By: Engineer -
Noor Herman.
ER63


62°
66°
70°
74°
38°
36°
34°
32°
30°
+1.0
+2.0
+3.0
+3.0
+2.0
+1.0
-1.0
+0.0
+1.0
+2.0
+3.0
+4.0
+5.0
0 150 300 Km
Deviation of Normals
Temperature in °C
September 1963
RAMI: Div of Climatol-
gy.
Analysed By:Engineer
Noor Herman.
ER 63


62°
66°
70°
74°
38°
36°
34°
32°
+16.0
168
+17.0
18.0
19.0
20.0
21.0
22.0
16
17
18
19
20
21.0
22.0
0 150 300 450 Km
Mean monthly temperatures reduced on 850 mb in 0°c
September 1963.
RAMI:Div.of Climatology
Analysed By:Engneer Noor Herman.


62°
66°
70°
74°
38°
36°
34°
+20.0
25.0
25.0
+25.0
+25.0
+3.0
0 150 300 Km
Mean monthly temperatures 0°C
September 1963.
RAMI:Div. of Climatology.
Analysed By; Engneer Noor Herman.

Royal Afghan Meteorological Institute (RAMI)

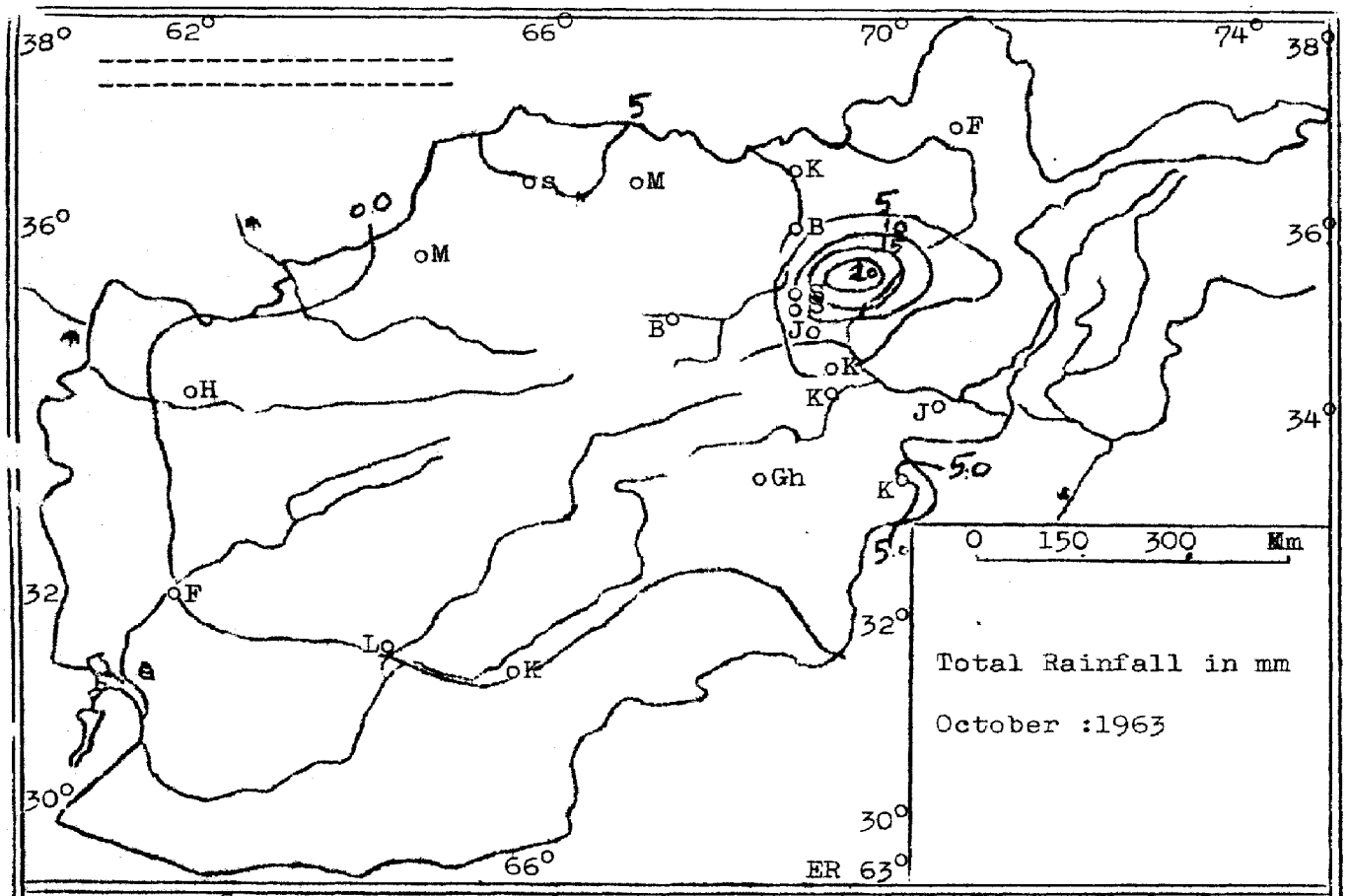
Table 1: Precipitations and special phenomena.

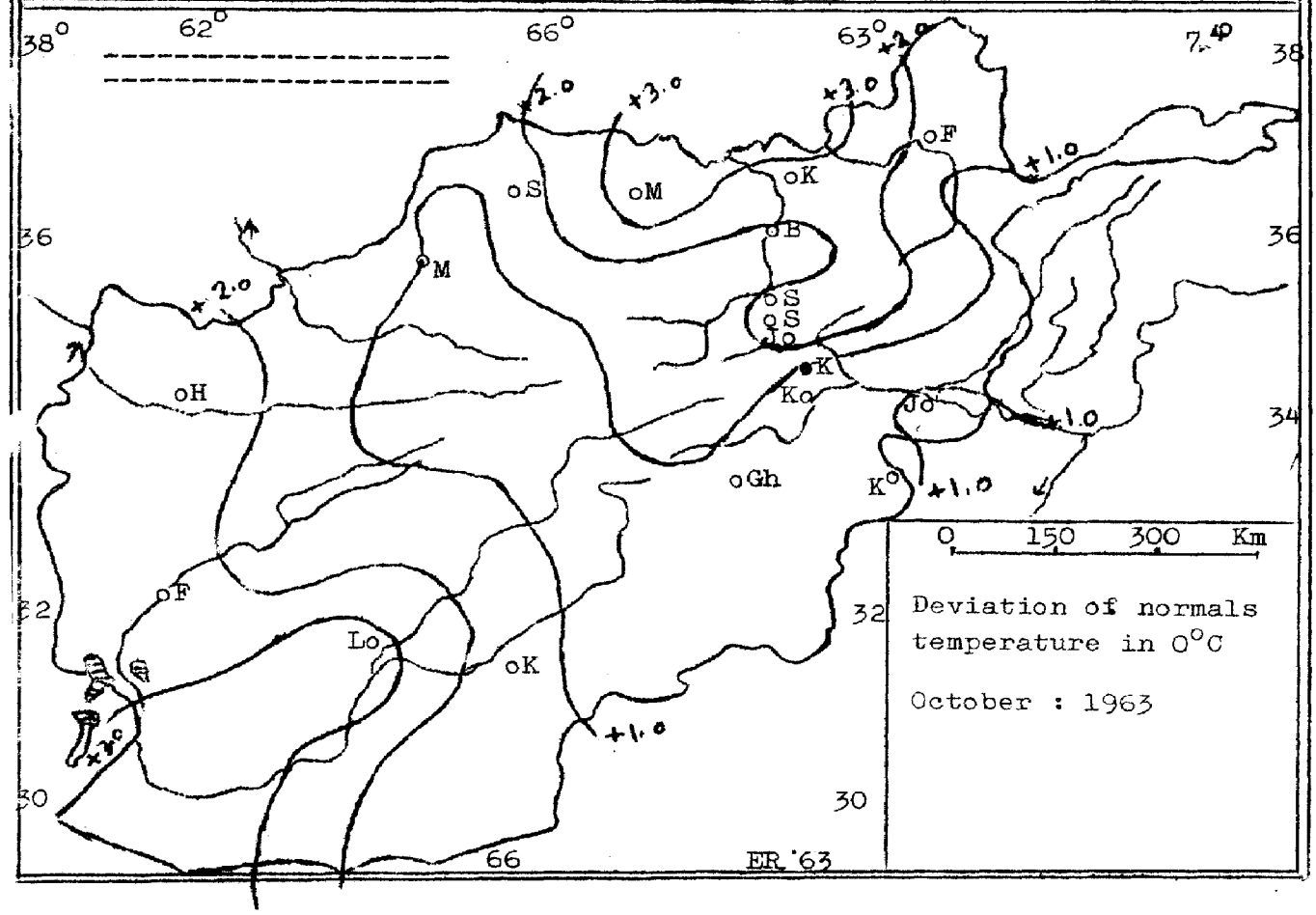
| Month: October | | | | | Year : 1963 | Precipitation in mm | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations | Index Number | Latitude | Longitude | App.height in Meters. | Total | Max in 24 hrs | Date. | Rain | Thunder | Snow | Sand dust of snow storm. | Hail | Sun shine hours. |
| Kabul Air port.... | 40948 | 34° 33′ | 69° 12′ | 1803 | 0.8 | 0.6 | 12 | 3 | 8 | 0 | 0 | 0 | 300.8 |
| Karizimir. | 40949 | 34 40 | 69 05 | 1860 | 9.1 | 5.5 | 31 | 3 | 2 | 0 | 0 | 0 | 274.8 |
| Jabul - Saraj..... | 40952 | 35 08 | 69 15 | 1628 | 8.5 | 7.2 | 31 | 4 | 5 | 0 | 1 | 0 | 297.2 |
| Ghazni ..... | 40960 | 33 32 | 68 25 | 2183 | Tr. | Tr. | 11 | 1 | 0 | 0 | 3 | 0 | - |
| Herat ..... | 40941 | 34 11 | 62 13 | 964 | Tr. | Tr. | 21-31 | 2 | 0 | 0 | 1 | 0 | - |
| Mazar-Sharif..... | 40920 | 36 42 | 67 13 | 378 | Tr. | Tr. | 18 | 1 | 0 | 0 | 4 | 0 | 113.2(17days) |
| Maimana..... | 40930 | 35 55 | 64 44 | 854 | 1.1 | 0.9 | 18 | 1 | 0 | 0 | 1 | 0 | - |
| Kunduz..... | 40925 | 36 32 | 68 52 | 430 | Tr. | Tr. | 28-31 | 2 | 0 | 0 | 4 | 0 | 240.8 |
| Baghlan .... | 40924 | 36 12 | 68 45 | 510 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 3 | 0 | - |
| Kandahar ( 1 )..... | 40980 | 31 37 | 65 48 | 1010 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| Lash - Kargah..... | 40978 | 31 30 | 64 20 | 780 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 2 | 0 | - |
| Farah..... | 40966 | 32 24 | 62 07 | 651 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 1 | 0 | 297.3 |
| Jalalabad(Nangarhar) | 40950 | 34 26 | 70 28 | 552 | 0.8 | 0.8 | 12 | 2 | 5 | 0 | 0 | 0 | 246.9 |
| North ( Salang)... | 40937 | 35 22 | 69 03 | 3350 | 24.2 | 10.5 | 12 | 5 | 1 | 6 | 0 | 1 | 196.1 |
| South ( Salang)... | 40938 | 35 21 | 69 03 | 3100 | 15.5 | 8.8 | 31 | 6 | 4 | 5 | 0 | 1 | 253.5 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 4.3 | 3.7 | 30 | 4 | 2 | 0 | 0 | 0 | 304.4 |
| Shebirghan..... | 40927 | 36 40 | 65 43 | 360 | 3.0 | 3.0 | 18 | 1 | 0 | 0 | 2 | 0 | - |
| Faizabad..... | 40913 | 37 09 | 70 29 | 1200 | Tr. | Tr. | 21-28-31 | 4 | 0 | 0 | 1 | 0 | 194.3(23days) |
| Kandahar ( 2 )..... | 40981 | 31 30 | 65 31 | 1030 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | - |

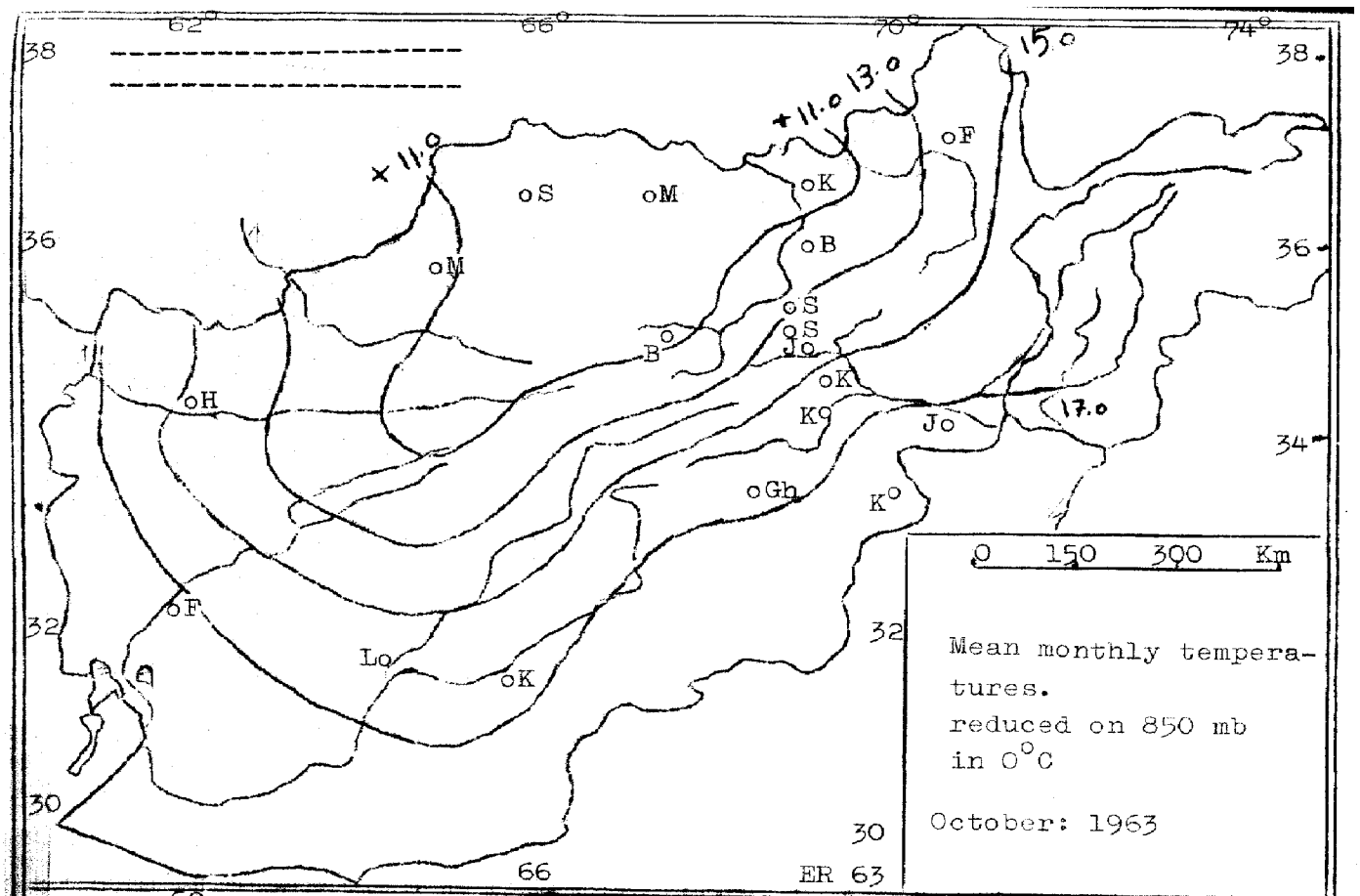
Royal Afghan Meteoro gical Institute (RAMI)

Table 2: Temperature nd humidity.

| Month: October | Year:1963 | | | | Air temperature in °C ..... | | | | | | | | | Relative humidity.... | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations..... | Wet-Bulb. Temperature | | Ground. Temperature | | Mean Max | Mean Min | Mean Temp. | ABS Max | Date | ABS Min | Date | Number of days with Max 30°C or above. | Number of days with Min 0°C or below. | Max | Date | Min | Date | Mean..... |
| | 0300 GMT | 0900 GMT | 0630 AST | 1230 AST | | | | | | | | | | | | | | |
| Kabul Airport. | 5.4 | 10.8 | 11.3 | 24.5 | 23.9 | 5.6 | 14.3 | 27.5 | 24 | 2.2 | 13 | 0 | 0 | 84 | 13 | 10 | 24 | 37 |
| Karizimir..... | 5.3 | 10.3 | 6.2 | 37.9 | 22.8 | 5.2 | 12.6 | 27.0 | 24 | 2.3 | 14 | 0 | 0 | 91 | 31 | 11 | 24 | 41 |
| Jabul - Saraj. | 8.3 | 12.0 | - | - | 23.9 | 13.9 | 18.8 | 27.2 | 2 | 9.1 | 31 | 0 | 0 | 82 | 31 | 11 | 2 | 32 |
| Ghazni... | 2.5 | 10.5 | - | - | 21.8 | 3.2 | 11.4 | 24.3 | 3-25 | -0.5 | 14 | 0 | 1 | 85 | 12 | 11 | 2 | 41 |
| Herat .... | 7.4 | 14.6 | - | - | 26.9 | 9.7 | 17.5 | 31.7 | 1 | 5.0 | 12-19 | 6 | 0 | 87 | 19 | 17 | 21 | 42 |
| Mazari-Sharif. | 8.9 | 13.9 | 13.9 | 41.9 | 26.9 | 11.4 | 18.9 | 32.0 | 17-23 | 5.8 | 20 | 12 | 0 | 81 | 18 | 10 | 15 | 31 |
| Maimana..... | 8.3 | 14.0 | 10.5 | 32.4 | 24.3 | 8.1 | 15.1 | 31.4 | 16 | 3.4 | 30 | 4 | 0 | 100 | 18 | 16 | 21 | 52 |
| Kunduz..... | 11.6 | 16.6 | 15.6 | 41.3 | 26.4 | 11.6 | 18.8 | 30.8 | 24 | 8.0 | 13 | 6 | 0 | 82 | 29 | 17 | 17 | 48 |
| Baghlan..... | 8.3 | 15.5 | 10.9 | 45.2 | 26.7 | 9.0 | 16.0 | 31.0 | 22 | 6.4 | 16 | 5 | 0 | 92 | 20 | 20 | 15 | 54 |
| Kandahar..... | 6.5 | 14.9 | - | - | 29.8 | 9.9 | 21.7 | 32.1 | 2-8 | 5.4 | 15 | 17 | 0 | 47 | 31 | 12 | 1 -2 | 24 |
| Lash-Kargah... | 7.3 | 15.0 | 12.6 | 44.3 | 32.4 | 10.4 | 20.1 | 35.3 | 8 | 5.0 | 14 | 27 | 0 | 67 | 31 | 9 | 7 | 29 |
| Farah..... | 9.5 | 18.0 | - | - | 32.4 | 12.7 | 21.6 | 36.8 | 1 | 7.2 | 13 | 27 | 0 | 63 | 19 | 17 | 13 | 35 |
| Jalalabad..... | 13.4 | 18.9 | - | - | 31.0 | 15.3 | 22.2 | 33.8 | 6 | 11.5 | 15-8 | 27 | 0 | 82 | 13 | 10 | 14 | 44 |
| North(Salang) | -2.6 | 0.2 | ¾ | - | 6.1 | -8.1 | 2.1 | 9.4 | 1 | -5.6 | 13 | 0 | 25 | 100 | 13-30 | 22 | 25 | 55 |
| South(Salang) | -0.4 | 1.9 | - | - | 9.7 | 3.0 | 5.7 | 12.8 | 5-23 | -1.7 | 13 | 0 | 2 | 92 | 12 | 9 | 23 | 39 |
| Khost..... | 10.9 | 15.2 | 17.5 | 42.9 | 26.9 | 11.7 | 19.1 | 30.6 | 6 | 9.0 | 23 | 2 | 0 | 96 | 30 | 17 | 19 | 45 |
| Shebirghan.... | 7.9 | 13.3 | 10.0 | 40.8 | 25.8 | 11.0 | 18.0 | 31.5 | 17 | 5.6 | 31 | 7 | 0 | 99 | 18 | 10 | 11-12 | 41 |
| Faizabad..... | 7.6 | 3.7 | 10.2 | 36.9 | 25.9 | 6.3 | 14.8 | 29.5 | 2-28 | 2.8 | 15 | 0 | 0 | 81 | 29 | 21 | 15 | 47 |
| Kandahar(2)... | 8.8 | 15.0 | - | - | 26.7 | 12.3 | 19.3 | 33.4 | 2 | 6.3 | 15 | 19 | 0 | 49 | 10-28 | 10 | 14 | 29 |

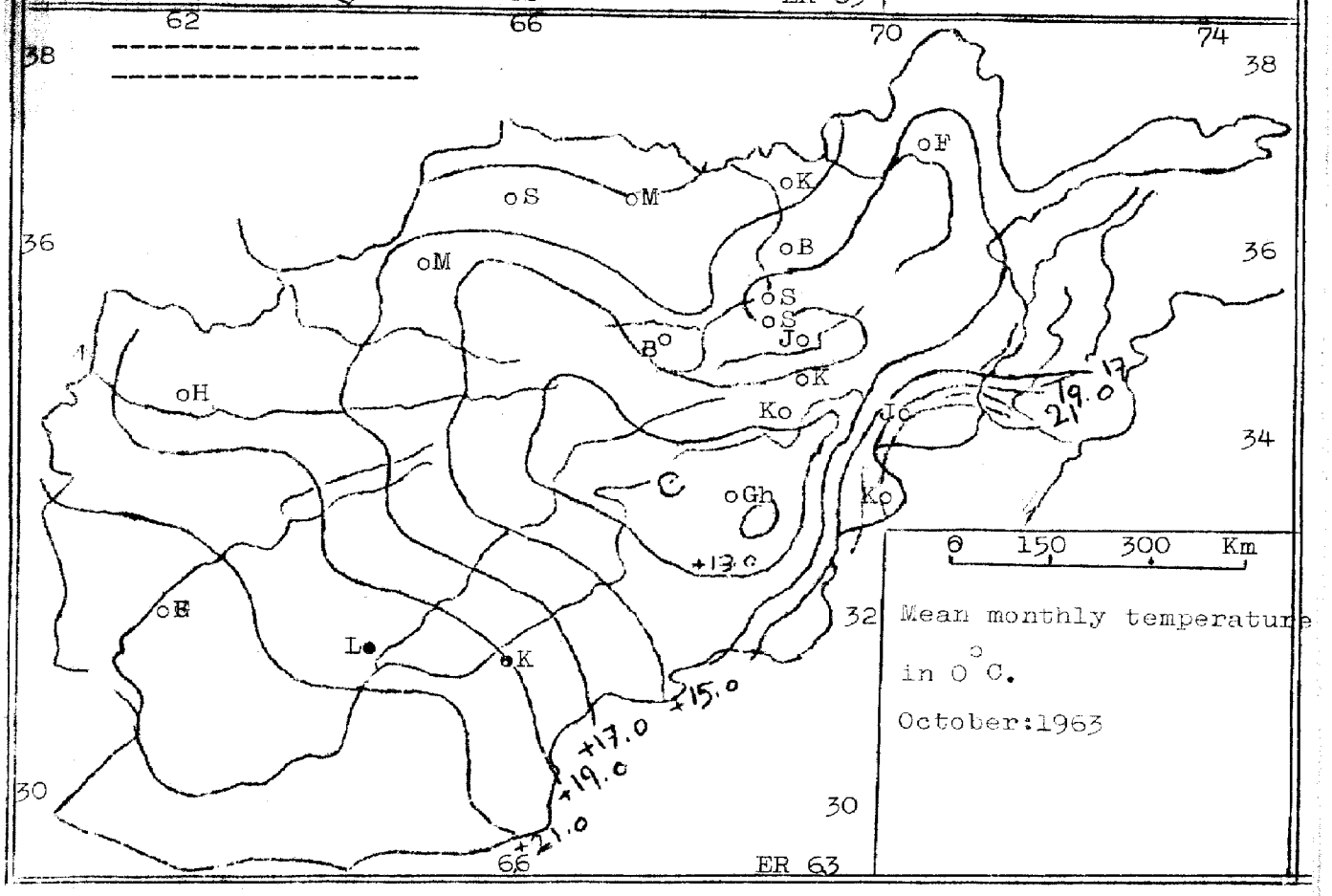

38°
62°
66°
70°
74°
38°
36°
36°
34°
32
32°
30°
30°
66°
ER 63°
oF
oK
oS
oM
oM
oB
oS
oS
Jo
oK
Ko
Jo
oH
oGh
Ko
oF
Lo
oK
5
5
5.0
5.0
0.0
0 150 300 Km
Total Rainfall in mm
October :1963


38°
62°
66°
63°
74°
38
36
36
34
32
32
30
30
66
ER 63
+2.0
+3.0
+3.0
+2.0
+1.0
+2.0
+1.0
+1.0
+1.0
oF
oK
oS
oM
oB
M
oS
oS
Jo
oK
Ko
Jo
oH
oGh
Ko
oF
Lo
oK
0 150 300 Km
Deviation of normals temperature in 0°C
October : 1963




Mean monthly temperatures.
reduced on 850 mb
in 0°C

October: 1963




Mean monthly temperature
in 0°C.

October:1963

November:1963

Table :1

Royal Afghan Meteorological Institute (R.A.M.I)
Precipitation and special phenomena.

LIBRARY JULY 1964

| Month: November | Year:1963 | | | | | Precipitation in mm.... | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations..... | Index Number | Latitude | | Longitude | | APP height in meters | Total | Max in 24 Hours. | Date | Rain | Thunder | Snow | Sand dust or snow storm | Hail | Sun shine hours |
| | | ° | ′ | ° | ′ | | | | | | | | | | |
| Baghlan..... | 40924 | 36 | 12 | 68 | 45 | 510 | 33.5 | 13.9 | 6 | 4 | 0 | 0 | 4 | 0 | - |
| Farah..... | 40966 | 32 | 24 | 62 | 07 | 651 | 6.1 | 6.1 | 13 | 1 | 0 | 0 | 2 | 0 | 121.2(17days) |
| Faizabad.... | 40913 | 37 | 09 | 70 | 29 | 1200 | 43.3 | 23.3 | 6 | 6 | 0 | 0 | 0 | 0 | 170.7 |
| Ghazni... | 40960 | 33 | 32 | 68 | 25 | 2183 | 49.1 | 22.2 | 13 | 3 | 3 | 3 | 0 | 0 | - |
| Herat.. | 40941 | 34 | 11 | 62 | 13 | 964 | 13.7 | 9.4 | 13 | 7 | 0 | 0 | 2 | 0 | - |
| Jabul - Saraj | 40952 | 35 | 08 | 69 | 15 | 1628 | 30.2 | 25.2 | 13 | 4 | 0 | 0 | 0 | 0 | 197.5 |
| Jalalabad(Nangarhar) | 40950 | 34 | 26 | 70 | 28 | 552 | 5.1 | 3.3 | 1 | 5 | 0 | 0 | 1 | 0 | 178.3 |
| Kabul Airport..... | 40948 | 34 | 33 | 69 | 12 | 1803 | 37.6 | 32.0 | 13 | 4 | 0 | 2 | 0 | 0 | 195.1(26days) |
| Karizimir..... | 40949 | 34 | 40 | 69 | 05 | 1860 | 49.4 | 43.0 | 13 | 3 | 0 | 2 | 0 | 0 | 203.7 |
| Kunduz..... | 40925 | 36 | 32 | 68 | 53 | 430 | 29.8 | 9.9 | 14 | 7 | 0 | 0 | 3 | 0 | 152.3 |
| Kandahar(2) | 40981 | 31 | 37 | 65 | 48 | 1010 | 8.0 | 4.6 | 19 | 7 | 0 | 0 | 4 | 0 | - |
| Kandahar(1) | 40980 | 31 | 30 | 65 | 31 | 1030 | 8.1 | 4.6 | 19 | 3 | 0 | 0 | 1 | 0 | - |
| Khost..... | 40959 | 33 | 40 | 69 | 55 | 1185 | 5.1 | 2.7 | 14 | 3 | 2 | 0 | 0 | 0 | 243.2 |
| Lash - Kargah... | 40978 | 31 | 30 | 64 | 20 | 780 | 0.6 | 0.4 | 27 | 3 | 2 | 0 | 1 | 0 | - |
| Mazari - Sharif.... | 40920 | 36 | 42 | 67 | 13 | 378 | 18.9 | 7.8 | 14 | 6 | 0 | 0 | 5 | 0 | 151.5 |
| Maimana ..... | 40930 | 35 | 55 | 64 | 44 | 854 | 29.9 | 11.4 | 13 | 7 | 0 | 0 | 1 | 0 | - |
| North ( Salang )... | 40937 | 35 | 22 | 69 | 03 | 3350 | 61.6 | 20.1 | 14 | 11 | 0 | 11 | 0 | 1 | 136.9 |
| South ( Salang )... | 40938 | 35 | 21 | 69 | 03 | 3100 | 60.6 | 35.7 | 13 | 11 | 0 | 10 | 2 | 1 | 174.9 |
| Sheber - Ghan..... | 40927 | 36 | 40 | 65 | 43 | 360 | 9.7 | 5.7 | 6 | 4 | 0 | 0 | 4 | 0 | 171.6 |

Talbe:2 Royal Afghan Meteorological Institute (R.A.M.I)

November:1963

Temperature and humidity,

| Month:November Year:1963 | | | | | Air temperature in °C ..... | | | | | | | | | Relative humidity.... | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations.... | Wet-Bulb. Temperature 0300 GMT | Wet-Bulb. Temperature 0900 GMT | Ground. Temperature 0630 AST | Ground. Temperature 1230 AST | Mean Max | Mean Min | Mean Temp. | ABS Max | Date | ABS Min | Date | Number of days with Max 30°C or above. | Number of days with Min 00°C or ballow. | Max | Date | Min | Date | Mean ..... |
| Baghlan..... | 4.1 | 9.7 | 3.9 | 23.7 | 15.5 | 3.8 | 8.3 | 26.7 | 1 | -0.8 | 29 | 0 | 4 | 100 | 7-8 | 25 | 1 | 76 |
| Farah..... | 5.2 | 12.8 | - | - | 22.7 | 6.0 | 13.1 | 30.6 | 4-5 | 0.2 | 22 | 3 | 0 | 94 | 13-14 17 | 19 | 25 | 52 |
| Faizabad..... | 2.8 | 8.0 | 2.0 | 20.6 | 15.4 | 2.9 | 7.4 | 22.7 | 5 | -1.0 | 23 | 0 | 6 | 100 | 7 | 18 | 12 | 69 |
| Ghazni... | -0.9 | 5.5 | - | - | 12.9 | - | 4.3 | 19.4 | 6 | - | - | 0 | - | 96 | 14-26 27 | 21 | 25 | 67 |
| Herat..... | 2.5 | 9.1 | - | - | 17.2 | 2.9 | 8.9 | 24.1 | 1 | -4.0 | 28 | 0 | 4 | 96 | 14 | 18 | 12 | 63 |
| Jabul-Saraj... | 3.1 | 7.1 | 2.2 | 23.5 | 14.7 | 6.3 | 10.2 | 21.6 | 4 | 2.4 | 25 | 0 | 0 | 100 | 14 | 16 | 7 | 46 |
| Jalalabad..... | 8.1 | 14.2 | - | - | 23.5 | 0.4 | 14.7 | 30.0 | 3 | - | - | 1 | - | 90 | 1 | 12 | 2 | 54 |
| Kabul A/F..... | 0.5 | 6.2 | 1.2 | 18.3 | 14.5 | 0.3 | 5.6 | 22.3 | 4-5 | -3.5 | 25 | 0 | 19 | 98 | 14 | 13 | 12 | 61 |
| Karizimer..... | 1.2 | 5.8 | 1.7 | 20.4 | 13.8 | 0.1 | 5.3 | 22.0 | 4 | -2.6 | 16-30 | 0 | 19 | 90 | 1-13 | 16 | 4 | 55 |
| Kunduz... | 7.2 | 11.4 | 5.6 | 23.2 | 16.3 | 3.9 | 9.6 | 27.8 | 1 | -2.8 | 28 | 0 | 2 | 98 | 15 | 41 | 1 | 76 |
| Kandahar (2).. | 4.6 | 11.7 | - | - | 21.7 | 6.7 | 13.5 | 28.7 | 5 | 1.0 | 29 | 0 | 0 | 96 | 14 | 17 | 12 | 42 |
| Kandahar (10... | 5.0 | 10.8 | - | - | 21.0 | 5.4 | 14.5 | 28.2 | 2 | -0.1 | 29 | 0 | 1 | 95 | 20 | 12 | 12 | 46 |
| Khost..... | 5.6 | 10.4 | - | - | 18.7 | 4.4 | 11.4 | 25.6 | 3 | -0.6 | 21 | 0 | 1 | 96 | 14 | 18 | 23 | 57 |
| Lash - Kargah. | 4.4 | 11.8 | 6.8 | 34.9 | 23.3 | 5.1 | 12.9 | 32.2 | 5 | -1.5 | 29 | 4 | 2 | 91 | 20 | 13 | 12 | 48 |
| Mazarisharif.. | 4.0 | 9.8 | 3.4 | 23.6 | 16.4 | 3.7 | 9.2 | 28.0 | 1 | -5.0 | 28 | 0 | 7 | 94 | 15 | 21 | 1 | 67 |
| Maimana..... | 4.1 | 8.1 | 3.6 | 20.4 | 15.4 | 4.0 | 8.6 | 29.7 | 4 | -2.2 | 27 | 0 | 5 | 98 | 5 | 16 | 11 | 66 |
| North(Salang). | -7.3 | -4.1 | - | - | 0.1 | -6.4 | -3.8 | 6.4 | 4 | -12.5 | 15 | 0 | 29 | 99 | 14 | 16 | 8-12 | 53 |
| South(Salang). | -5.4 | -2.6 | - | - | 2.7 | -2.4 | -1.1 | 9.2 | 4 | -6.4 | 30 | 0 | 26 | 96 | 13 | 24 | 8 | 52 |
| Sheber-Ghan.. | 4.5 | 9.6 | 4.7 | 19.8 | 16.1 | 5.3 | 10.5 | 28.2 | 1 | -4.0 | 28 | 0 | 2 | 94 | 5-8 | 27 | 1 | 62 |

Month: November
Year : 1963
Time : 1200 Z

Table: 3 Royal Afghan Meteorological Institute(RAMI)
Upper Air Observations.
Wind direction speed in Kts.

| Date | Surface wind. | Height above M.S.L in Km..... | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| 1 | 250/02 | - | - | 330/04 | 301/14 | 303/04 | 307/28 | 305/34 | 303/54 |
| 2 | 240/08 | 005/02 | 169/02 | - | 312/14 | 297/22 | 302/32 | 307/34 | 299/58 |
| 3 | 310/08 | 348/10 | 323/10 | 312/18 | 297/26 | 310/38 | 323/42 | 321/44 | - |
| 4 | 320/02 | - | - | - | 270/24 | 297/14 | 289/34 | 279/34 | 288/38 |
| 5 | 360/04 | 079/04 | 174/26 | 247/76 | 265/62 | 216/20 | 263/32 | 267/62 | 260/106 |
| 6 | 320/14 | 354/18 | 321/10 | 314/06 | 277/12 | 273/20 | 265/60 | 275/80 | 288/126 |
| 7 | 004/02 | - | - | - | 340/08 | 309/24 | 312/26 | 316/32 | 295/96 |
| 8 | 320/02 | - | 182/12 | 206/20 | 189/18 | 272/26 | 260/34 | 248/42 | 260/66 |
| 9 | 320/08 | 323/06 | 317/18 | - | - | 273/18 | 260/22 | 277/44 | 269/56 |
| 10 | 350/06 | 003/04 | 352/02 | - | - | 294/14 | 276/22 | 276/38 | 276/38 |
| 11 | 170/02 | 078/02 | 100/02 | - | - | 292/22 | 280/24 | 291/44 | 282/50 |
| 12 | 100/06 | 038/02 | - | 226/16 | 249/12 | 257/12 | 264/18 | 261/36 | 279/46 |
| 13 | 000/00 | 356/04 | 108/18 | 142/22 | 179/26 | 226/32 | 247/52 | 233/56 | 241/58 |
| 14 | 000/00 | - | 230/10 | 294/04 | 338/14 | 312/30 | 314/32 | 311/44 | 258/56 |
| 15 | - | - | - | - | - | - | - | - | - |
| 16 | 000/00 | - | - | - | - | - | - | - | 329/10 |
| 17 | 090/02 | - | - | - | 254/08 | 242/16 | 246/20 | 257/14 | 302/16 |
| 18 | 110/02 | - | - | - | - | 270/14 | 220/22 | 230/34 | 235/34 |
| 19 | 032/04 | 027/06 | 274/10 | 090/20 | 100/18 | 207/08 | 227/08 | 239/18 | 168/32 |
| 20 | 340/08 | 011/06 | 039/08 | 075/08 | 099/22 | 052/16 | 013/14 | 063/16 | 042/34 |
| 21 | 050/04 | 05[illegible]/02 | - | - | - | - | - | - | 346/12 |
| 22 | 330/02 | - | - | - | - | - | - | - | - |
| 23 | 090/02 | - | 262/06 | 247/08 | 268/06 | 262/24 | 270/14 | 273/26 | 274/44 |
| 24 | 310/02 | 216/04 | 219/10 | 266/12 | 274/18 | 244/28 | 244/34 | 267/36 | 261/40 |
| 25 | 100/04 | - | 109/08 | 249/06 | 191/16 | 232/22 | 241/32 | 258/38 | 273/48 |
| 26 | 230/06 | 337/02 | 115/04 | - | 281/18 | 238/32 | 239/42 | 235/44 | 253/66 |
| 27 | 330/06 | 348/04 | 115/08 | 095/08 | 298/04 | - | - | 255/34 | 246/44 |
| 28 | 310/02 | - | - | - | - | 322/12 | 309/12 | 277/20 | 258/54 |
| 29 | 280/02 | - | - | - | - | - | 233/18 | 270/14 | 275/20 |
| 30 | 280/04 | - | 230/06 | - | 306/10 | 288/28 | 286/28 | 290/60 | 284/56 |

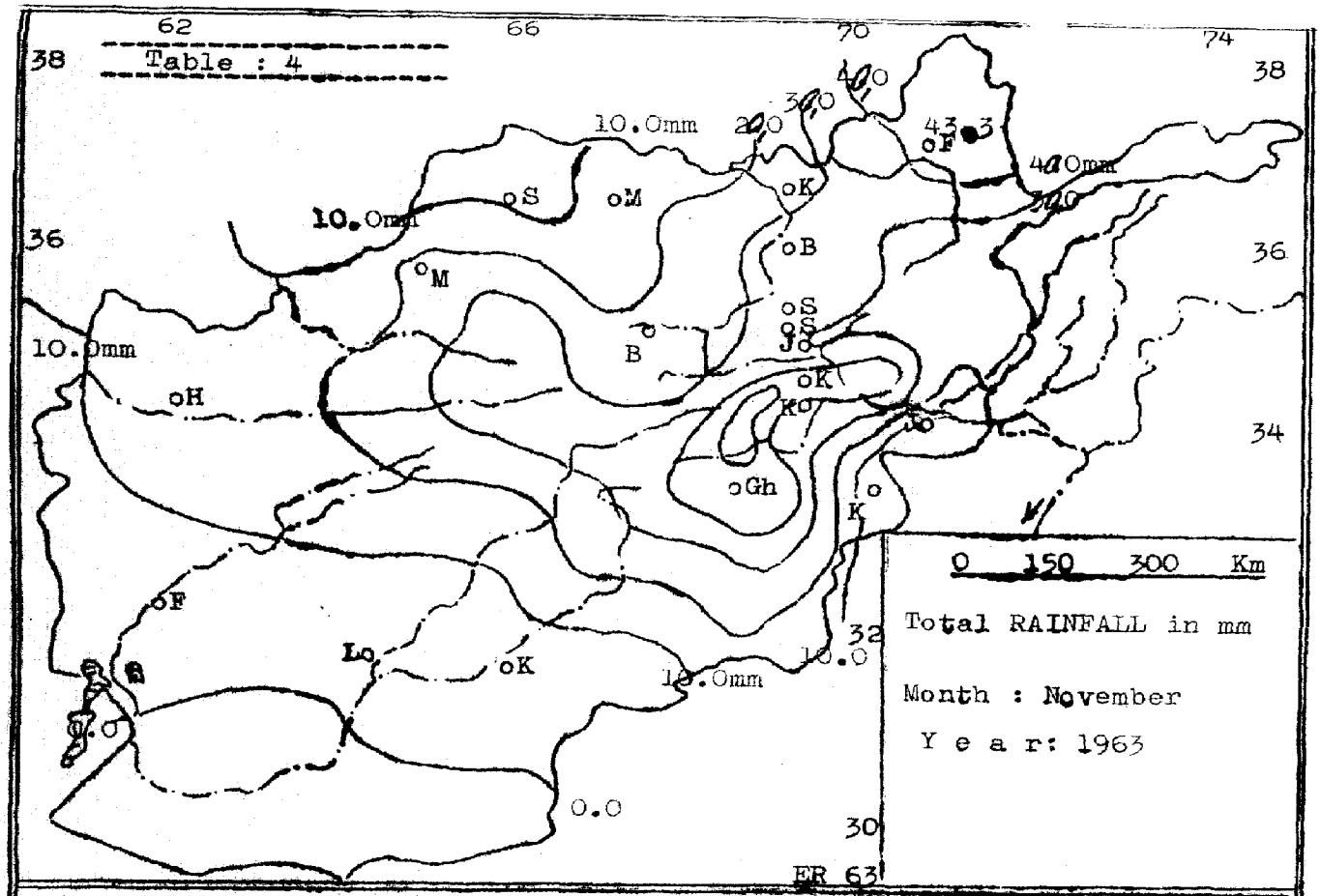
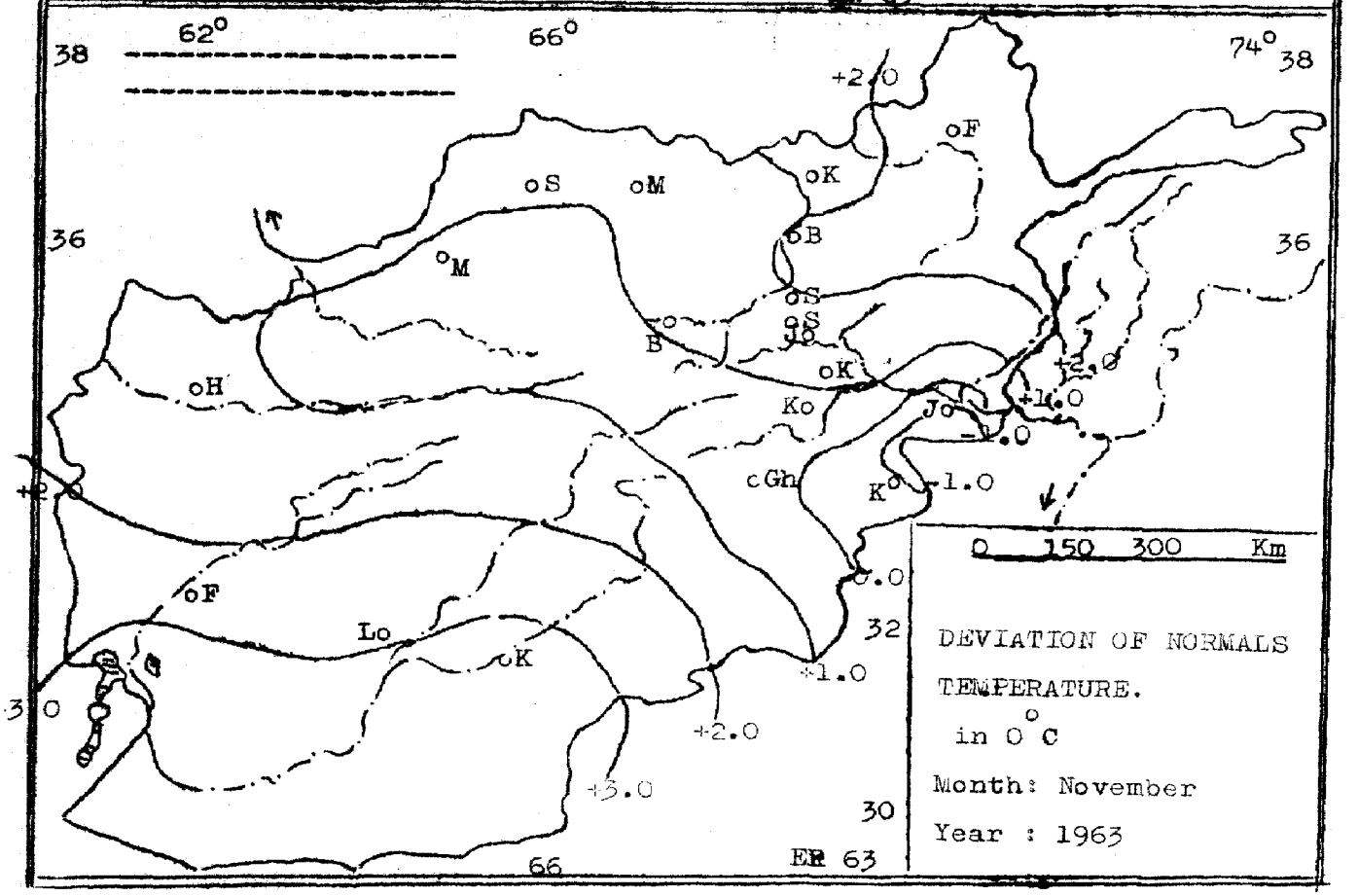


Table : 4
62
66
70
74
38
36
34
32
30
10.0mm
10.0mm
10.0mm
10.0mm
0.0
0.0
0 150 300 Km
Total RAINFALL in mm
Month : November
Y e a r: 1963
ER 63


62°
66°
74°
38
36
32
30
+2.0
+1.0
-1.0
0.0
+1.0
+2.0
+3.0
0 150 300 Km
DEVIATION OF NORMALS
TEMPERATURE.
in 0°C
Month: November
Year : 1963
ER 63

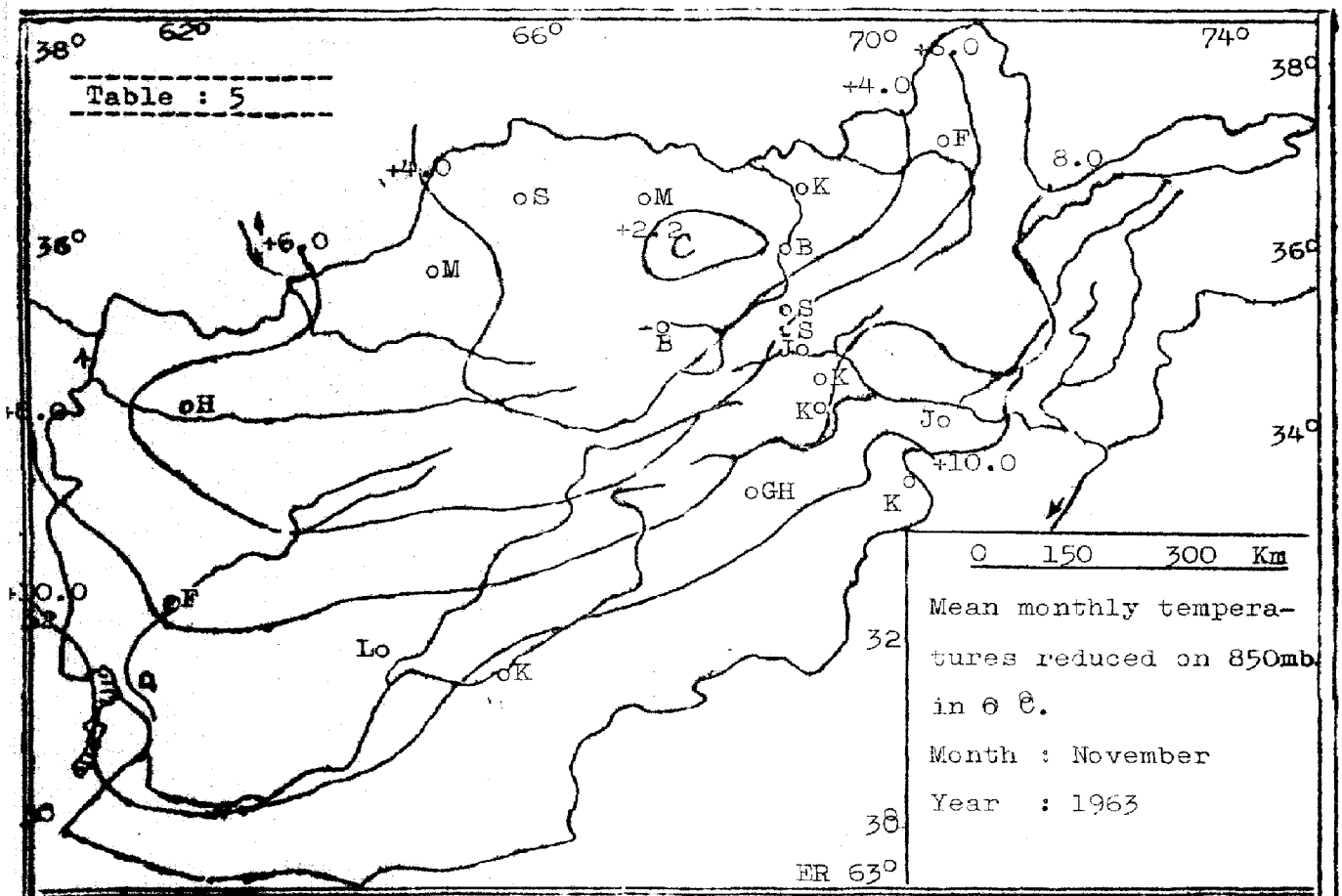
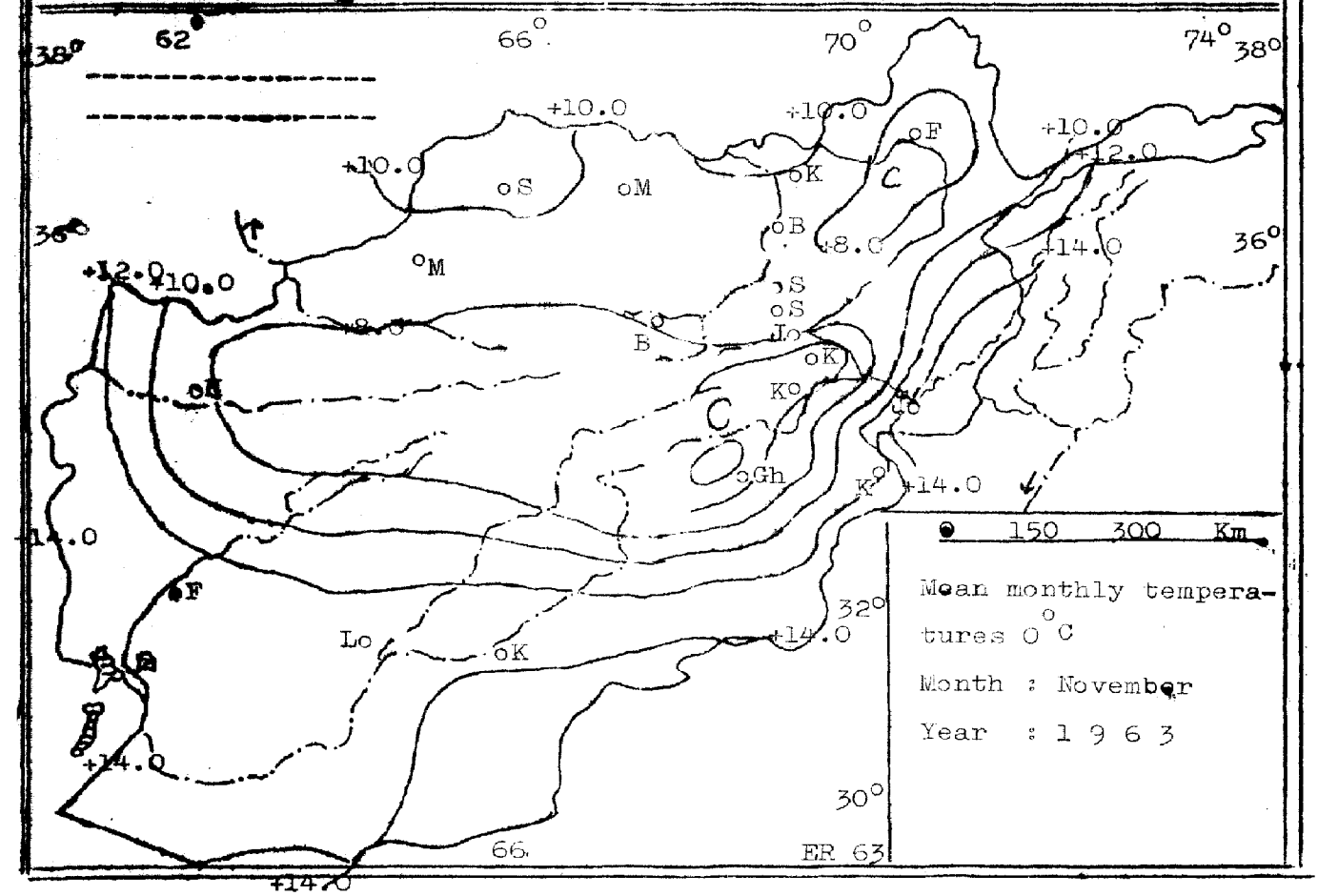


Table : 5
38°
62°
66°
70°
74°
38°
36°
34°
32
30
ER 63°
+4.0
+6.0
8.0
+2.2
+10.0
oS
oM
oK
oB
oF
oH
oGH
Lo
Jo
K
C
0 150 300 Km
Mean monthly temperatures reduced on 850mb in 0 °C.
Month : November
Year : 1963


38°
62
66°
70°
74°
38°
36°
32°
30°
66
ER 63
+10.0
+12.0
+14.0
+8.0
oS
oM
oK
oB
oF
oH
oGh
Lo
Jo
K
C
0 150 300 Km
Mean monthly temperatures 0 °C
Month : November
Year : 1 9 6 3

Month: December

Year : 1963

Royal Afghan Meteorological Institute (R.A.M.I)

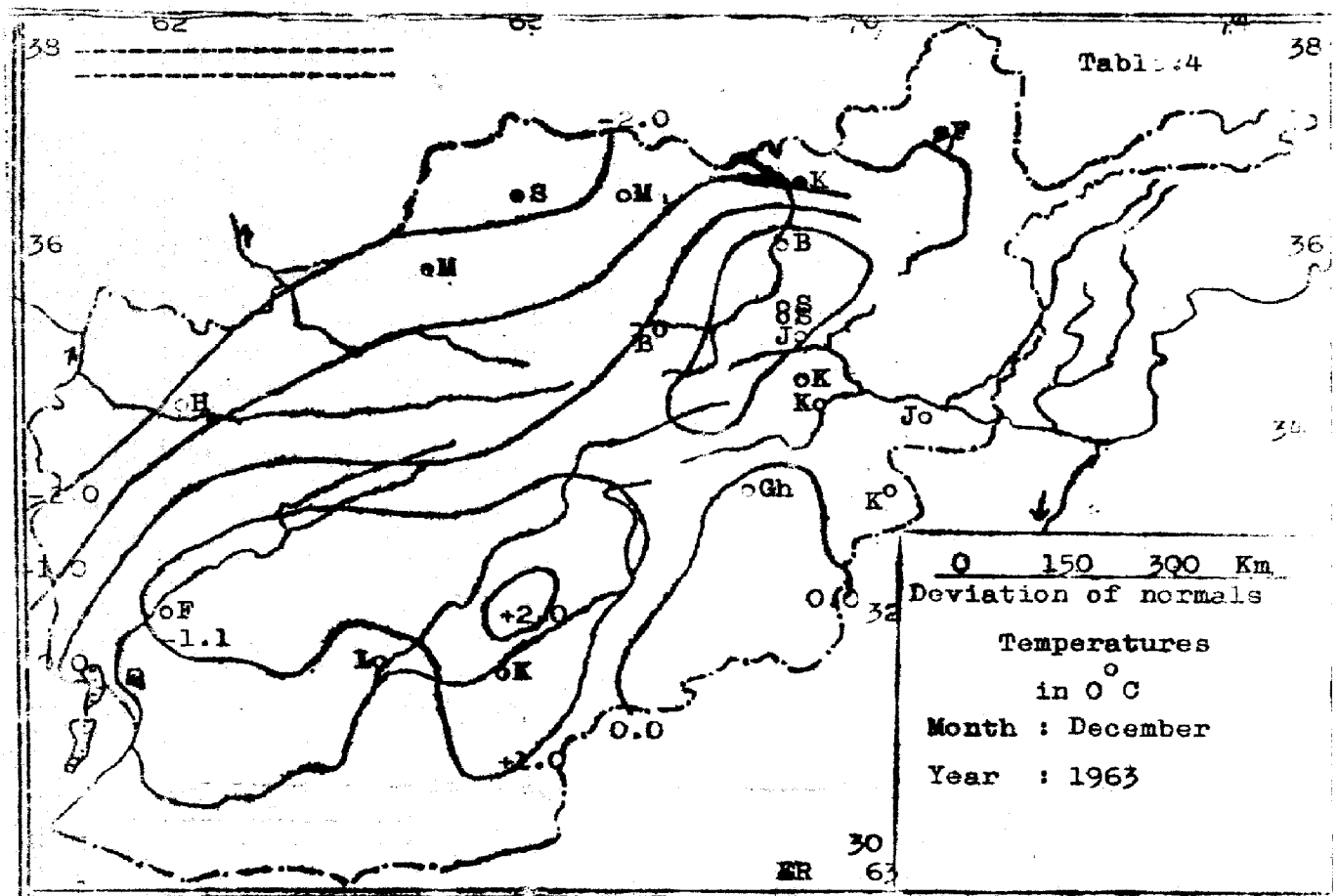
Table:1 Precipitation and special phenomena.

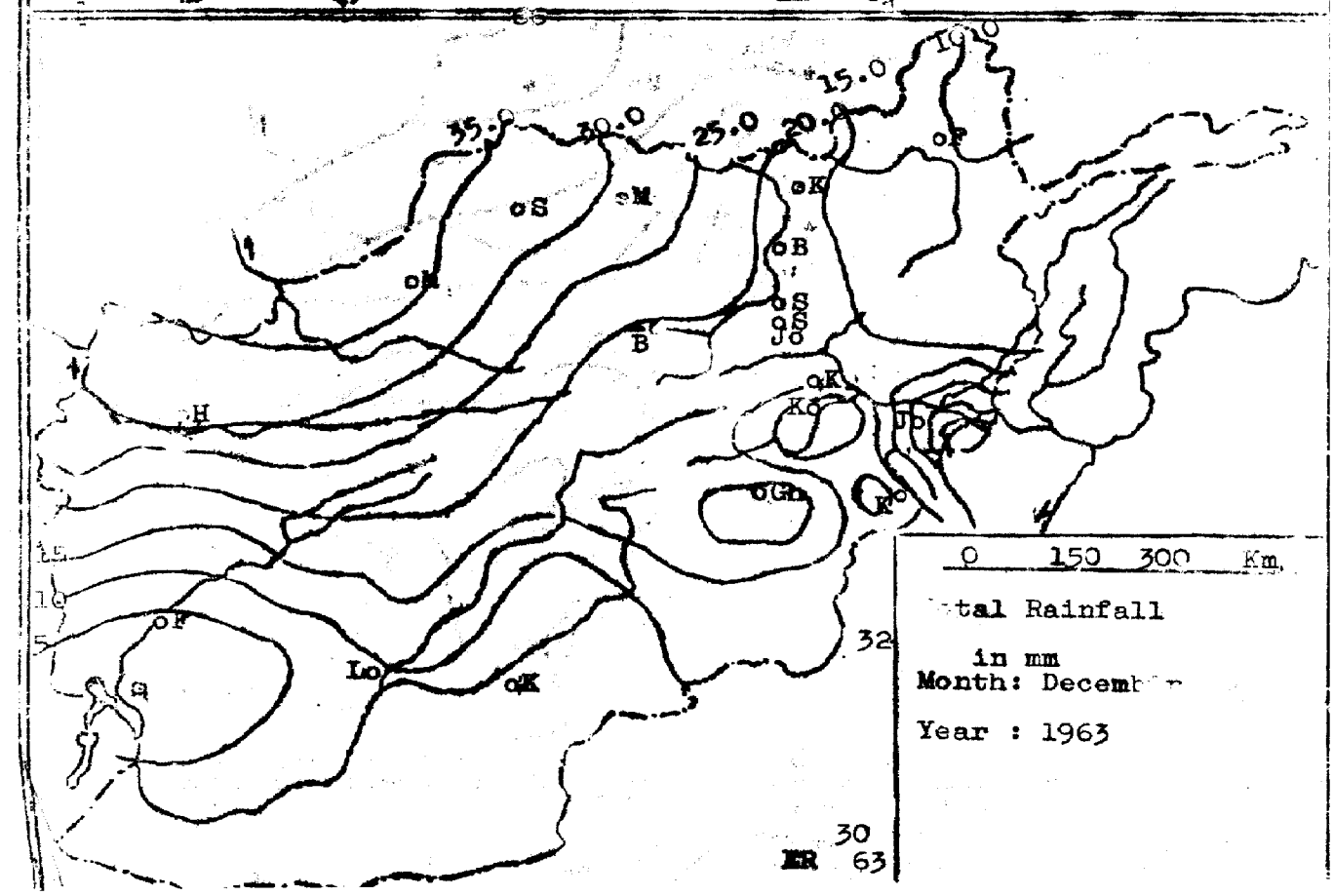
| Stations | Possitions..... | | | | Precipitation in mm | | | Number of days with:..... | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Index Number | Latitude ° ′ | Longitude ° ′ | App. height in meters | Total | Max in 24 hours. | Date. | Rain. | Thunder. | Snow. | Sand dust or snow storm. | Hail | Sun shine hours. |
| Baghal..... | 40924 | 36 12 | 68 45 | 510 | 18.4 | 6.6 | 11 | 4 | 0 | 2 | 0 | 0 | - |
| Farah.... | 40966 | 32 24 | 62 07 | 651 | 1.4 | 1.4 | 28 | 2 | 0 | 2 | 6 | 0 | 148.9 |
| Faizabad.... | 40913 | 37 09 | 70 29 | 1200 | 10.5 | 3.6 | 28 | 2 | 0 | 2 | 0 | 0 | - |
| Ghazni... | 40960 | 33 32 | 68 25 | 2183 | 23.8 | 14.8 | 28 | 3 | 0 | 2 | 0 | 1 | - |
| Herat..... | 40941 | 34 11 | 62 13 | 964 | 30.1 | 15.2 | 28 | 3 | 2 | 3 | 5 | 0 | - |
| Jabul - Saraj..... | 40952 | 35 08 | 69 15 | 1628 | 44.5 | 19.4 | 28 | 3 | 0 | 2 | 0 | 0 | - |
| Jalalabad(Nangarhar | 40950 | 34 26 | 70 28 | 552 | 48.0 | 32.4 | 13 | 3 | 0 | 0 | 0 | 0 | 0 |
| Kabul Airport..... | 40948 | 34 33 | 69 12 | 1803 | 5.3 | 4.3 | 28 | 3 | 0 | 1 | 0 | 0 | - |
| Karimimir.. | 40949 | 34 40 | 69 05 | 1860 | 15.6 | 8.0 | 11 | 2 | 0 | 1 | 0 | 0 | 202.9 |
| Kunduz..... | 40925 | 36 32 | 68 53 | 430 | 19.0 | 5.3 | 12 | 5 | 0 | 3 | 0 | 0 | - |
| Kandahar(1). | 40980 | 31 37 | 65 48 | 1010 | 6.1 | 5.7 | 28 | 2 | 0 | 0 | 3 | 0 | - |
| Kandahar(2). | 40981 | 31 30 | 65 31 | 1030 | 6.4 | 6.4 | 28 | 1 | 0 | 0 | 9 | 0 | 212.0 |
| Khost..... | 40959 | 33 40 | 69 55 | 1185 | 9.0 | 8.2 | 12 | 3 | 0 | 0 | 0 | 0 | 81.0(9days) |
| Lash-Kargah | 40978 | 31 30 | 64 20 | 780 | 9.5 | 9.3 | 28 | 2 | 0 | 0 | 4 | 0 | - |
| Mazari - Sharif.... | 40920 | 36 42 | 67 13 | 378 | 26.8 | 12.1 | 12 | 3 | 1 | 4 | 0 | 0 | - |
| Maimana..... | 40930 | 35 55 | 64 44 | 854 | 39.1 | 14.4 | 12 | 4 | 2 | 5 | 0 | 0 | - |
| South-Salang... | 40938 | 35 21 | 69 03 | 3100 | 107.4 | 33.4 | 11 | 7 | 0 | 9 | 4 | 3 | 186.7 |
| North-Salang... | 40937 | 35 22 | 69 03 | 3350 | 97.1 | 52.0 | 12 | 0 | 0 | 8 | 2 | 0 | 143.1 |
| Shibergban | 40927 | 36 40 | 65 43 | 360 | 32.5 | 11.0 | 6 | 2 | 0 | 3 | 0 | 0 | 39.7(10days) |

Month: December
Year : 1963

Royal Afghan Meteorological Institute (R.A.M.I)
Table:2 Temperature and humidity.

| Month: December 1963 | | | | | Temperature in °C..... | | | | | | | | | Relative humidity. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stations.... | Wet-bulb Temperature 0300 GMT | Wet-bulb Temperature 0900 GMT | Ground Temperature 0630 AST | Ground Temperature 1230 AST | Mean Max | Mean Min | Mean Temp. | ABS Max | Date | ABS Min | Date | Number of days with Max 30°C or above. | Number of days with Min 0°C or below. | Max | Date | Min | Date | Mean. |
| Baghlan..... | -1.2 | 3.1 | -1.4 | 10.4 | - | -1.6 | 1.9 | - | -- | -6.6 | 31 | - | 21 | 97 | 6 | 40 | 24 | 85 |
| Farah... | -0.6 | 9.2 | - | - | 16.2 | 0.6 | 8.2 | 25.1 | 5 | -6.6 | 30 | 0 | 17 | 98 | 28 | 22 | 2-3 | 54 |
| Faizabad.... | -1.7 | 4.4 | -2.7 | 13.1 | 10.3 | -2.3 | 2.1 | 16.6 | 2 | -11.0 | 30 | 0 | 26 | 100 | 13 | 27 | 2 | 75 |
| Ghazni. | -6.2 | 1.0 | - | - | 3.5 | - | -1.3 | 12.1 | 10 | - | -- | 0 | - | 94 | 28 | 22 | 9 | 65 |
| Herat... | -3.3 | 4.0 | - | - | 10.4 | -3.2 | 2.3 | 22.8 | 11 | -2[illegible].4 | 30 | 0 | 24 | 92 | 6 | 15 | 11 | 78 |
| Jabul-[illegible] | -1.1 | 3.7 | -2.2 | 19.3 | 9.8 | 1.5 | 5.1 | 13.8 | 7 | -3.4 | 31 | 0 | 4 | 98 | 28 | 10 | 13 | 51 |
| Jalalabad... | 3.2 | 10.0 | - | - | 17.8 | - | 9.1 | 23.4 | 7 | - | - | 0 | - | 97 | 25 | 14 | 4 | 54 |
| Kabul Airport | -3.7 | 2.9 | -5.6 | 15.1 | 10.2 | -3.7 | 0.9 | 14.2 | 5 | -10.0 | 31 | 0 | 29 | 97 | 12 | 15 | 22 | 65 |
| Karizimir.... | -3.0 | 2.3 | -4.0 | 14.8 | 9.2 | -4.1 | 0.9 | 14.0 | 9 | -11.8 | 30 | 0 | 29 | 94 | 12 | 18 | 9 | 53 |
| Kunduz..... | -0.5 | 4.6 | -1.7 | 13.2 | 8.6 | -2.9 | 2.6 | 17.8 | 11 | -14.6 | 30 | 0 | 26 | 100 | 29 | 31 | 24 | 79 |
| Kandahar(1).. | -1.1 | 6.5 | - | - | 17.2 | -6.0 | 8.8 | 22.9 | 10-11 | -4.9 | 16 | 0 | 17 | 93 | 29 | 14 | 3 | 42 |
| Kandahar(2). | -1.2 | 7.1 | - | - | 16.8 | 0.9 | 8.5 | 24.4 | 10 | -3.9 | 31 | 0 | 16 | 92 | 29 | 11 | 25 | 42 |
| Khost... | 0.4 | 6.6 | -1.1 | 25.0 | 15.1 | -0.6 | 6.2 | 20.6 | 7 | -4.8 | 31 | 0 | 24 | 98 | 13 | 12 | 7 | 46 |
| Lash-Kargah.. | -0.4 | 7.3 | - | 25.6 | 16.2 | 0.0 | 7.0 | 25.8 | 5 | -5.3 | 15 | 0 | 18 | 96 | 29 | 18 | 9 | 50 |
| Mazari-Sharif | -1.5 | 4.1 | -1.5 | 14.0 | 8.9 | -2.2 | 3.0 | 16.2 | 11 | -12.8 | 30 | 0 | 21 | 93 | 7 | 31 | 24 | 74 |
| Maimana | -1.2 | 3.8 | -2.7 | 13.0 | 10.1 | -1.8 | 2.7 | 22.4 | 10 | -10.2 | 27 | 0 | 18 | 100 | 4-5-6 | 19 | 1 | 69 |
| North(Salang) | -9.8 | -6.9 | - | -- | -3.6 | -10.1 | -6.7 | 1.6 | 5 | -15.8 | 13 | 0 | 31 | 92 | 11 | 22 | 31 | 48 |
| South(Salang) | -8.2 | -6.2 | - | -- | -1.2 | -5.7 | -4.9 | 4.8 | 5 | -11.0 | 29 | 0 | 30 | 95 | 11 | 11 | 8 | 18 |
| Sheberghan... | -0.2 | 5.8 | 8.0 | 7.9 | 8.5 | -1.1 | 3.7 | 17.8 | 10 | -11.2 | 29 | 0 | 16 | 100 | 12 | 43 | 21 | 80 |


Tabl :4
0 150 300 Km
Deviation of normals
Temperatures
in 0 °C
Month : December
Year : 1963
-2.0
+2.0
0.0
-1.1
ER 63


0 150 300 Km
tal Rainfall
in mm
Month: Decemb
Year : 1963
35.0
30.0
25.0
20.0
15.0
10.0
ER 63

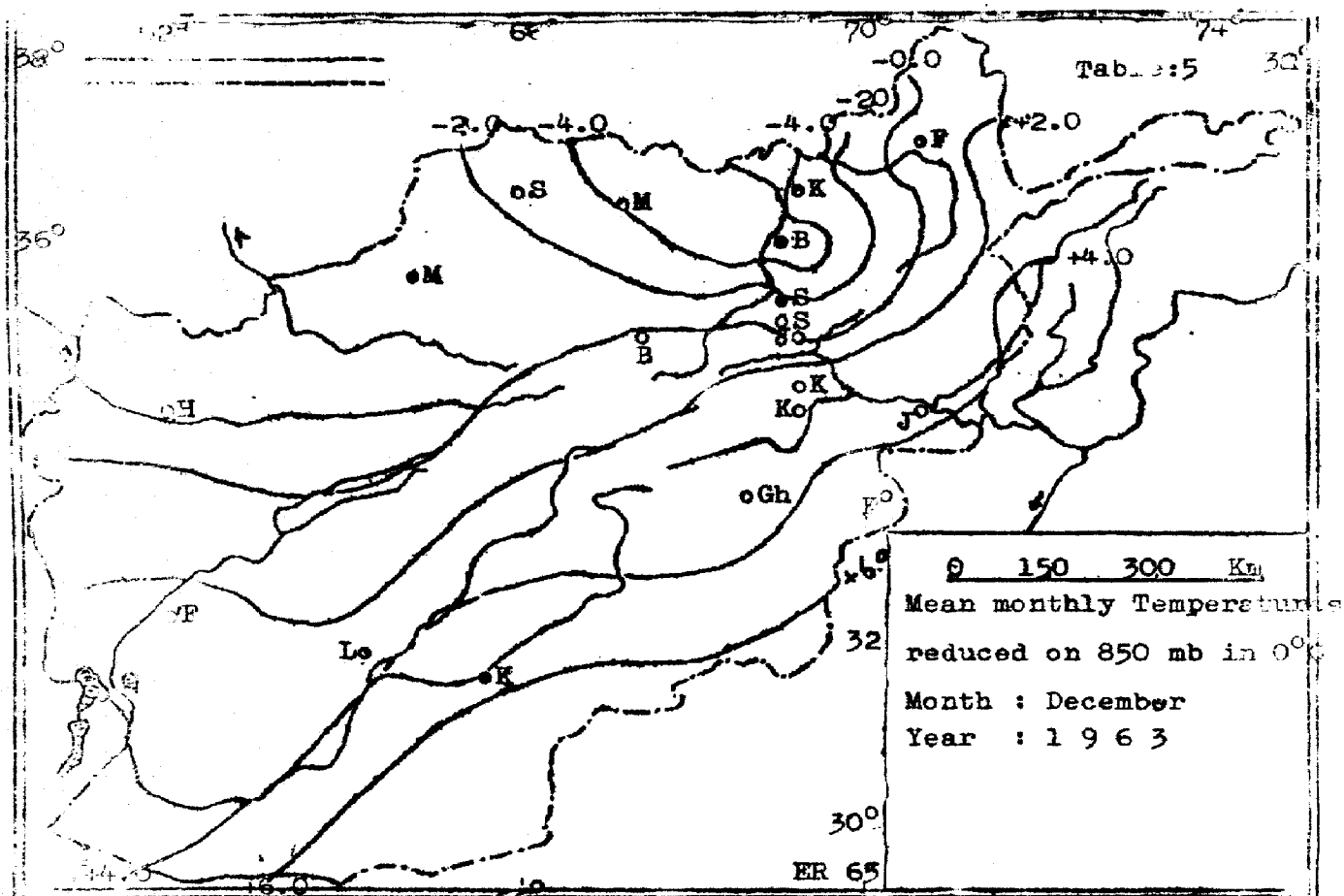
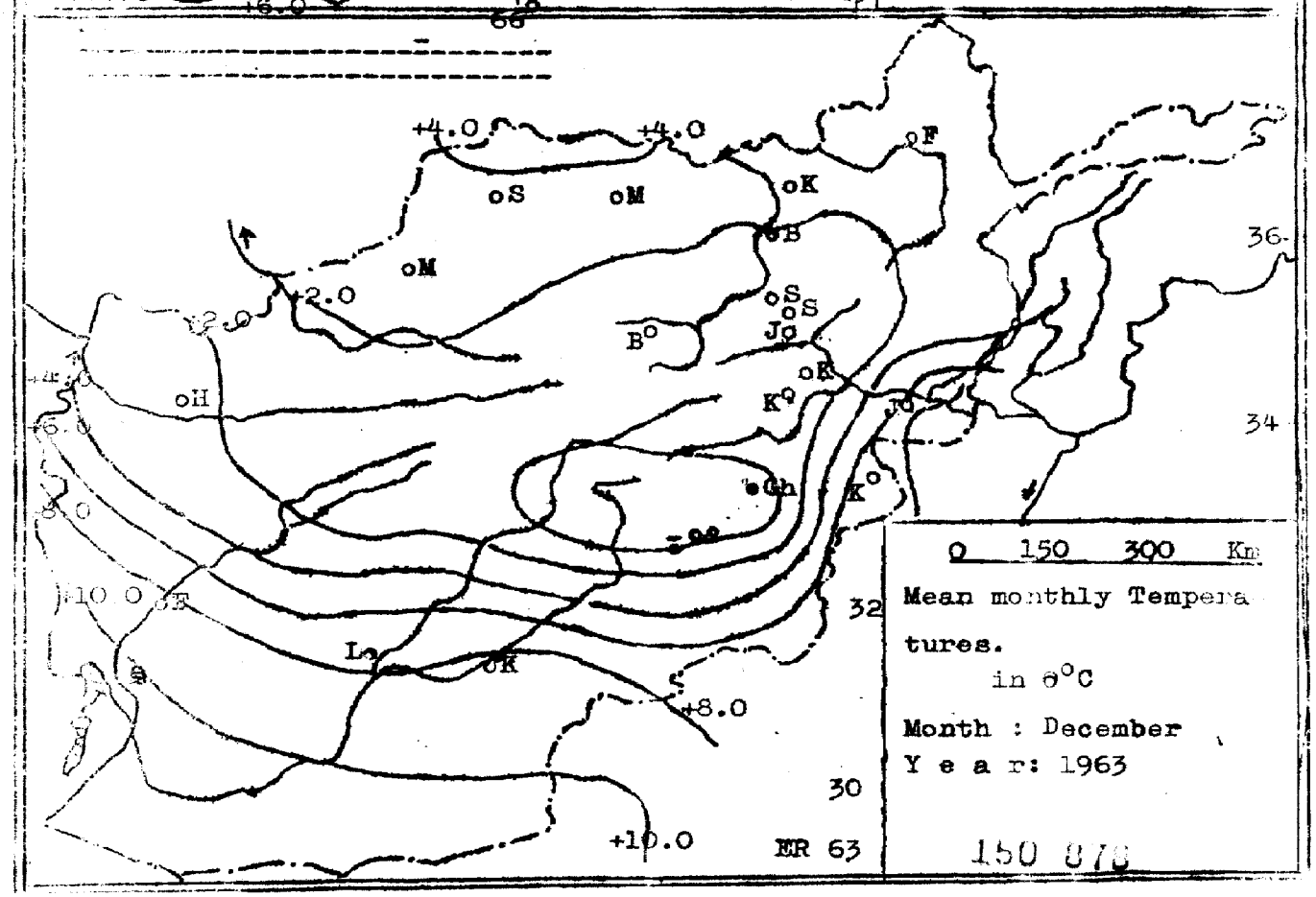


Table:5
-0.0
-2.0
-4.0
-4.0
-2.0
+2.0
+4.0
oS
oM
oK
oB
oF
oH
oGh
Lo
Ko
Jo
Fo
Bo
0 150 300 Km
Mean monthly Temperatures
reduced on 850 mb in 0°C
Month : December
Year : 1 9 6 3
32
30°
ER 65


+4.0
+4.0
oF
oS
oM
oK
oB
oM
+2.0
oS
oS
Jo
Bo
oK
oH
Ko
Jo
oGh
Ko
+10.0
Lo
oK
+8.0
+10.0
36
34
32
30
ER 63
0 150 300 Km
Mean monthly Tempera
tures.
in 0°C
Month : December
Y e a r: 1963

150 878