# METEOROLOGICAL REGISTER OF SYRIAN PROTES

LAT. 33° 54′ 22″ N

LONG. E. FROM GREENWICH 3

Year 1891

Month September.

| Date | Barometer as read. 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | 2½ Attached Thermometer. Cent. | 2½ Barometer Millimeters | 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | Barometer reduced to 0° and sea level. 8½ | 2½ | 8½ | mean | Thermometer Cent. max. | min. | min. on grass | Solar Black Bulb | Dry Bulb Cent. 8½ | 2½ | 8½ | mean | Wet Bulb Cent. 8½ | 2½ | 8½ | Elasticity of vapour Millimeters 8½ | 2½ | 8½ | mean | Relative per 8½ | 2½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27.8 | 758.6 | 29.1 | 758.4 | 28.1 | 758.1 | 757.8 | 757.5 | 757.3 | 757.5 | 30.3 | 23.2 | | 66.7 | 27.5 | 30.2 | 26.7 | 28.1 | 22.9 | 25.2 | 23.6 | 17.2 | 19.7 | 19.0 | 18.6 | 63 | 62 |
| 2 | 27.9 | 758.9 | 29.1 | 758.8 | 27.8 | 758.9 | 758.1 | 757.9 | 758.2 | 758.1 | 31.3 | 24.3 | | 65.8 | 28.2 | 30.5 | 27.2 | 28.6 | 22.6 | 24.3 | 23.9 | 16.3 | 17.8 | 19.2 | 17.8 | 57 | 54 |
| 3 | 27.8 | 760.1 | 29.9 | 759.6 | 28.4 | 760.0 | 759.3 | 758.7 | 759.2 | 759.4 | 30.4 | 24.2 | | 64.6 | 27.1 | 29.9 | 27.4 | 28.5 | 24.4 | 24.8 | 23.9 | 20.0 | 19.1 | 19.2 | 19.4 | 74 | 61 |
| 4 | 28.1 | 758.0 | 30.0 | 760.0 | 28.9 | 759.9 | 759.2 | 758.9 | 759.0 | 758.4 | 31.8 | 23.8 | | 66.8 | 28.2 | 31.7 | 26.9 | 28.9 | 23.8 | 26.2 | 23.4 | 18.4 | 20.5 | 20.4 | 19.8 | 65 | 58 |
| 5 | 28.1 | 758.9 | 29.4 | 758.8 | 28.3 | 758.5 | 758.1 | 758.8 | 757.6 | 758.2 | 30.9 | 23.8 | | 65.7 | 28.5 | 30.6 | 26.2 | 28.4 | 24.3 | 24.6 | 22.7 | 19.0 | 18.3 | 20.2 | 19.2 | 66 | 56 |
| 6 | 27.6 | 758.6 | 29.4 | 758.1 | 28.4 | 758.6 | 758.0 | 757.2 | 757.8 | 757.7 | 31.3 | 22.6 | | 65.2 | 28.6 | 30.6 | 26.8 | 28.7 | 22.3 | 23.4 | 23.1 | 15.6 | 17.6 | 17.9 | 17.0 | 54 | 54 |
| 7 | 28.0 | 758.8 | 28.9 | 759.0 | 28.0 | 759.6 | 758.0 | 758.1 | 758.8 | 758.3 | 30.7 | 23.6 | | 65.7 | 28.9 | 29.7 | 25.6 | 28.1 | 22.8 | 23.8 | 22.2 | 16.1 | 17.3 | 17.1 | 16.9 | 54 | 56 |
| 8 | 27.2 | 759.3 | 28.3 | 759.5 | 27.8 | 759.7 | 759.1 | 757.7 | 759.1 | 758.6 | 31.6 | 23.3 | | 66.8 | 26.4 | 28.6 | 26.2 | 27.1 | 22.3 | 23.2 | 23.4 | 16.9 | 16.9 | 19.1 | 17.6 | 66 | 57 |
| 9 | 27.2 | 759.9 | 28.9 | 759.5 | 27.9 | 759.6 | 759.2 | 758.6 | 758.8 | 758.9 | 30.0 | 23.3 | | 66.7 | 27.3 | 29.7 | 26.5 | 27.8 | 23.6 | 24.8 | 23.6 | 18.6 | 19.2 | 19.2 | 19.0 | 69 | 62 |
| 10 | 27.6 | 760.1 | 29.1 | 759.6 | 28.7 | 760.0 | 759.4 | 758.7 | 759.1 | 759.1 | 30.9 | 23.2 | | 66.9 | 27.7 | 30.4 | 27.8 | 28.5 | 23.9 | 25.0 | 23.2 | 19.2 | 19.1 | 18.9 | 19.1 | 72 | 59 |
| 11 | 27.8 | 760.4 | 29.7 | 759.9 | 28.4 | 760.1 | 759.6 | 758.9 | 759.4 | 759.3 | 31.6 | 23.8 | | 66.1 | 27.9 | 30.9 | 26.3 | 28.4 | 24.3 | 25.2 | 23.5 | 17.6 | 19.1 | 19.0 | 18.2 | 70 | 57 |
| 12 | 27.9 | 760.4 | 29.4 | 760.3 | 28.4 | 760.6 | 759.6 | 759.3 | 759.8 | 759.6 | 30.7 | 23.8 | | 64.1 | 28.9 | 30.2 | 26.3 | 28.5 | 24.0 | 23.4 | 22.2 | 18.2 | 16.4 | 16.8 | 17.1 | 61 | 57 |
| 13 | 27.8 | 760.4 | 28.9 | 760.3 | 27.8 | 760.9 | 759.6 | 759.4 | 760.1 | 759.7 | 30.3 | 23.1 | | 64.3 | 28.1 | 29.9 | 25.7 | 27.9 | 22.3 | 23.5 | 21.4 | 15.7 | 16.7 | 15.9 | 16.1 | 54 | 54 |
| 14 | 26.5 | 761.3 | 27.8 | 761.1 | 26.7 | 761.2 | 760.7 | 760.3 | 760.6 | 760.5 | 29.5 | 19.0 | | 64.5 | 26.2 | 28.6 | 24.4 | 26.4 | 23.1 | 23.0 | 21.8 | 18.4 | 16.6 | 17.3 | 17.4 | 72 | 56 |
| 15 | 25.2 | 759.9 | 27.1 | 759.2 | 26.2 | 759.5 | 759.5 | 758.6 | 759.0 | 759.0 | 28.4 | 20.7 | | 63.8 | 23.1 | 27.7 | 25.4 | 25.4 | 22.0 | 22.9 | 21.7 | 18.7 | 17.2 | 16.5 | 17.3 | 89 | 62 |
| 16 | 25.3 | 759.2 | 26.7 | 761.5 | 26.2 | 760.0 | 758.8 | 760.9 | 759.5 | 759.7 | 28.5 | 21.7 | | 63.3 | 27.0 | 27.6 | 24.7 | 26.7 | 21.8 | 21.8 | 21.2 | 15.7 | 15.3 | 16.1 | 15.7 | 58 | 56 |
| 17 | 25.9 | 760.7 | 26.9 | 761.4 | 26.3 | 762.4 | 760.2 | 761.7 | 761.9 | 760.9 | 28.3 | 21.9 | | 64.3 | 26.7 | 27.8 | 25.4 | 26.6 | 20.8 | 21.7 | 20.3 | 14.4 | 15.0 | 14.2 | 14.5 | 56 | 54 |
| 18 | 25.7 | 763.2 | 26.8 | 762.4 | 26.1 | 762.2 | 762.7 | 762.0 | 761.6 | 762.1 | 28.1 | 21.8 | | 65.3 | 27.0 | 27.6 | 24.9 | 26.5 | 20.9 | 21.8 | 21.4 | 14.2 | 15.2 | 16.3 | 15.2 | 53 | 55 |
| 19 | 25.7 | 762.7 | 26.8 | 761.5 | 26.4 | 762.0 | 762.3 | 762.0 | 761.4 | 761.7 | 28.4 | 22.6 | | 63.9 | 26.1 | 29.2 | 25.3 | 26.5 | 21.4 | 22.3 | 21.6 | 15.6 | 15.8 | 16.3 | 15.9 | 61 | 56 |
| 20 | 25.8 | 762.0 | 27.0 | 761.5 | 26.7 | 761.7 | 761.6 | 760.9 | 761.1 | 761.2 | 28.6 | 22.7 | | 63.6 | 26.1 | 27.7 | 25.9 | 26.6 | 22.7 | 23.2 | 22.8 | 17.8 | 17.7 | 18.1 | 17.9 | 70 | 64 |
| 21 | 26.4 | 761.3 | 27.4 | 761.1 | 26.9 | 760.8 | 760.7 | 760.4 | 760.2 | 760.4 | 28.3 | 24.7 | | 62.9 | 26.7 | 27.9 | 26.1 | 26.9 | 22.2 | 24.5 | 23.1 | 16.5 | 18.9 | 19.5 | 18.3 | 63 | 71 |
| 22 | 26.3 | 761.1 | 27.6 | 760.6 | 26.8 | 760.4 | 760.5 | 759.9 | 759.8 | 760.1 | 29.5 | 22.3 | | 62.9 | 27.2 | 28.7 | 25.6 | 27.2 | 22.1 | 23.7 | 21.2 | 16.0 | 17.9 | 15.5 | 16.5 | 59 | 61 |
| 23 | 26.2 | 760.5 | 28.2 | 759.8 | 27.0 | 759.9 | 760.0 | 759.0 | 759.3 | 759.4 | 30.3 | 21.6 | | 65.3 | 26.2 | 29.4 | 24.9 | 26.8 | 22.0 | 21.6 | 22.6 | 16.5 | 19.0 | 18.4 | 18.0 | 64 | 62 |
| 24 | 26.7 | 760.1 | 28.3 | 760.0 | 27.2 | 760.5 | 759.5 | 759.2 | 759.8 | 759.5 | 29.7 | 22.7 | | 62.6 | 27.2 | 29.1 | 27.6 | 28.0 | 23.1 | 23.0 | 21.6 | 17.7 | 16.4 | 15.0 | 16.4 | 66 | 54 |
| 25 | 26.5 | 761.4 | 27.8 | 761.0 | 27.3 | 761.6 | 760.8 | 760.3 | 760.9 | 760.7 | 29.3 | 22.4 | | 61.3 | 27.5 | 28.3 | 24.4 | 26.7 | 22.9 | 23.5 | 22.8 | 17.2 | 17.7 | 19.1 | 18.0 | 63 | 61 |
| 26 | 26.7 | 760.6 | 28.6 | 760.2 | 27.2 | 760.4 | 760.0 | 759.3 | 759.7 | 759.7 | 30.2 | 22.6 | | 64.2 | 26.9 | 29.6 | 25.6 | 27.4 | 23.9 | 24.9 | 22.7 | 19.5 | 19.7 | 18.4 | 19.1 | 74 | 63 |
| 27 | 26.3 | 760.8 | 27.2 | 760.4 | 25.9 | 761.3 | 760.2 | 759.7 | 760.8 | 760.2 | 28.1 | 23.5 | | 62.7 | 27.0 | 27.2 | 24.2 | 26.1 | 20.8 | 21.2 | 19.5 | 14.0 | 14.6 | 18.7 | 15.8 | 52 | 54 |
| 28 | 25.7 | 761.9 | 26.1 | 761.0 | 25.6 | 761.5 | 761.4 | 760.5 | 761.0 | 761.0 | 27.3 | 21.7 | | 64.3 | 26.2 | 27.0 | 24.6 | 25.9 | 21.4 | 21.4 | 19.2 | 15.6 | 15.0 | 13.1 | 14.6 | 61 | 56 |
| 29 | 25.2 | 761.2 | 25.8 | 760.4 | 25.6 | 760.5 | 760.8 | 759.9 | 760.0 | 760.2 | 26.7 | 21.0 | | 61.7 | 25.1 | 26.3 | 24.1 | 25.2 | 19.6 | 21.4 | 20.4 | 13.3 | 15.5 | 15.1 | 14.6 | 57 | 60 |
| 30 | 25.3 | 759.6 | 26.8 | 759.7 | 25.9 | 760.8 | 759.2 | 759.1 | 760.3 | 759.5 | 28.8 | 21.6 | | 61.1 | 25.9 | 27.8 | 24.5 | 26.1 | 19.9 | 21.5 | 22.0 | 13.4 | 14.7 | 14.6 | 14.2 | 54 | 53 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sums | | | | | | | 22798.3 | 22762.4 | 22790.1 | | 887.8 | 681.0 | | 1932.1 | 814.0 | 871.4 | 772.2 | | | | | 505.3 | 520.1 | 523.5 | | 1897 | 1739 |
| Means | | | | | | | 759.8 | 759.1 | 759.7 | 759.6 | 29.59 | 22.70 | | 64.40 | 27.03 | 29.05 | 25.74 | 27.24 | | | | 16.84 | 17.30 | 17.45 | 17.19 | 63.2 | 57.9 |

| | | | | |
|---|---|---|---|---|
| Barometer | Maximum | 762.7 | on | 18 |
| " | Minimum | 757.2 | on | 6. |
| Thermometer | Maximum | 31.8 | on | 4 |
| | Minimum | 19.0 | on | 14 |

# SYRIAN PROTESTANT COLLEGE, BEIRUT, SYRIA.

LAT. 33° 54′ 22″ N.

L. FROM GREENWICH 35° 28′ 10″

**Height of Barometer above Sea level** 33.7 meters
" " **Thermometer above the earth** 1.22 "
" " **Rim of Rain Guage above** " 0.36 "
**Hours of observation** 8½ 2½ 8½

| Elasticity of vapour Millimeters | | | | Relative Moisture per cent. | | | | Clouds. Clear—0 Overcast—10 | | | | Direction and force of Wind. 0—10 | | | Wind per day. ~~miles~~ Km. | Sea | Rain in 24 hours measured at 8½ A.M. & 8½ P.M. ~~inches~~ mm. | | | Observations and Phenomena |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | | | A.M. | P.M. | Total | |
| 19.7 | 19.0 | 19.2 | | 63 | 62 | 73 | 66 | | | | | cW1 | cW1 | 0 | 83.9 | Calme | | | | |
| 17.8 | 19.2 | 17.7 | | 57 | 54 | 72 | 61 | | | | | 0 | cN1 | cN1 | 83.1 | Calme | | | | |
| 19.1 | 19.2 | 19.4 | | 74 | 61 | 70 | 68 | | | | | cW1 | cN1 | cN1 | 115.6 | Calme | | | | |
| 20.5 | 20.4 | 19.5 | | 65 | 58 | 78 | 67 | | | | | W1 | cW2 | W2 | 145.9 | Calme | | | | |
| 18.3 | 20.2 | 19.2 | | 66 | 56 | 70 | 64 | | 2Cu W | | | WSW1 | SW2 | W1 | 186.1 | Calme | | | | |
| 17.6 | 17.9 | 17.[illegible] | | 54 | 54 | 68 | 55 | 1Cu | 1Cu | 2Cu Ni | 1.3 | SW1 | W2 | WSW2 | 239.9 | Lean | | | | 4CN 9½ T.m; 10½ T.m. |
| 17.3 | 17.1 | 16.[illegible] | | 54 | 56 | 70 | 60 | 7Cu | 2Cu | 1Cu | 2.3 | SW1 | SW2 | cW1 | 179.9 | Fran | .3 | .5 | .8 | 9½ A.m; 4cN during night |
| 16.9 | 19.1 | 17.[illegible] | | 66 | 57 | 75 | 66 | 2Cu 2Sc | 1Cu | 1Cu | 1.3 | 0 | cWN1 | 0 | 82.3 | Calme | | | | |
| 19.2 | 19.2 | 19.0 | | 69 | 62 | 74 | 68 | 0 | 0 | 0 | 0 | - | cW1 | 0 | 66.6 | Calme | | | | |
| 19.1 | 18.9 | 18.[illegible] | | 72 | 59 | 76 | 69 | 0 | 0 | 0 | 0 | cWN1 | N1 | 0 | 92.2 | Calme | | | | |
| 19.1 | 19.0 | 19.2 | | 70 | 57 | 76 | 68 | | 1Cu | | .3 | WSW2 | cW1 | W1 | 187.0 | Calme | | | | |
| 16.4 | 16.8 | 17.[illegible] | | 61 | 51 | 66 | 59 | 1Cu | 1Cu | 4Cu Ni | 2.0 | WSW2 | W2 | W2 | 213.8 | Calme | | | | 4cN 8 P.m. |
| 16.7 | 15.9 | 16.[illegible] | | 54 | 54 | 64 | 57 | | 2Cu | | .7 | N1 | W2 | W1 | 153.9 | Calme | | | | 4cNW Eve, 0, Ra after mid night |
| 16.6 | 17.3 | 17.[illegible] | | 72 | 56 | 76 | 68 | 1Cu | 1Cu | 1Cu | 1.0 | WSW1 | WSW2 | W1 | 119.1 | Calme | 53.3 | | 53.3 | Ra, 0 after mid night |
| 17.2 | 16.5 | 17.[illegible] | | 89 | 62 | 69 | 73 | 10Sc-r | 2Cu | 8Cu cNE | 6.3 | | cW2 | cW1 | 161.7 | Calme | 6.7 | | 6.7 | Ra morning 0 A.M. |
| 15.3 | 16.1 | 15.[illegible] | | 58 | 56 | 70 | 61 | 1Cu, Cu Str | 7Cu, Ni Cu | 0 | 2.7 | 1 | 0 | 0 | 112.8 | Calme | | | | 4 cNE, cN Eve. |
| 15.0 | 14.2 | 14.[illegible] | | 56 | 54 | 59 | 56 | 0 | 0 | 0 | 0 | 0 | cW1 | 0 | 133.9 | Calme | | | | |
| 15.2 | 16.3 | 15.[illegible] | | 53 | 55 | 69 | 59 | 0 | 0 | 0 | | 0 | WNW1 | cNW1 | 145.8 | Calme | | | | |
| 15.6 | 16.2 | 15.[illegible] | | 61 | 56 | 68 | 62 | 0 | 0 | 0 | 0 | 0 | cW1 | cNW1 | 123.4 | Calme | | | | |
| 17.7 | 18.1 | 17.[illegible] | | 70 | 64 | 72 | 69 | 0 | 0 | 0 | 0 | SW1 | cNE | cW1 cW2 | 162.3 | Calme | | | | |
| 18.9 | 19.5 | 18.[illegible] | | 63 | 71 | 73 | 69 | 0 | 1Cu | 0 | .3 | 0 | cNW1 | cW1 | 326.6 | Calme | | | | |
| 17.9 | 15.5 | 16.[illegible] | | 59 | 61 | 63 | 61 | 0 | 0 | 0 | 0 | 0 | cNW1 | 0 | 113.7 | Calme | | | | |
| 19.0 | 18.4 | 18.[illegible] | | 64 | 62 | 78 | 68 | 0 | 1Cu | 0 | .3 | SW1 | cW2 | W2 | 160.3 | Calme | | | | |
| 16.4 | 15.0 | 16.[illegible] | | 66 | 54 | 55 | 58 | 1Cu, Cu Str | 2Cu | 0 | 1.0 | SW2 | W3 | W1 | 268.4 | Fran | | | | |
| 17.7 | 19.1 | 18.[illegible] | | 63 | 61 | 84 | 69 | 0 | 0 | 0 | 0 | SW1 | cW1 | | 131.2 | Calme | | | | |
| 19.7 | 18.4 | 19.[illegible] | | 74 | 63 | 74 | 70 | 0 | 1Cu W | 6Cu Ni Str | 2.3 | SW2 | SW2 | W2 | 230.1 | Fran | | | | |
| 14.6 | 18.7 | 15.[illegible] | | 52 | 54 | 60 | 55 | 4Cu W | 5Cu W | 1Cu Ni | 3.3 | SW2 | W3 | W2 | 257.2 | Agit | | | | 4cN 8½ P.m. |
| 15.0 | 13.1 | 14.[illegible] | | 61 | 56 | 57 | 58 | 1Cu | 1Cu | 0 | .7 | SW1 | cNE | 0 | 132.6 | Fran | | | | 4cN 7½ P.m. |
| 15.5 | 15.1 | 14.[illegible] | | 57 | 60 | 68 | 62 | 1Cu | 1Cu | 1Cu Str | 1.0 | 0 | cNE1 | cNE1 | 123.9 | Calme | | | | |
| 14.7 | 14.6 | 14.2 | | 54 | 53 | 65 | 57 | 10Cu | 2Cu | 7Cu Ni | 6.3 | 0 | W1 | W2 | 198.2 | Calme | | | | 4cN Eve. |
| 52.0 | 52.5 | | | 187 | 173 | 212 | 176 | 40 | 34 | 31 | | | | | 473.14 | | | 6.8 | | |
| 17.3 | 17.4 | 17.[illegible] | | 63.2 | 57.9 | 72.5 | 64.5 | 1.3 | 1.1 | 1.0 | 1.3 | | | | | | | | | |

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# METEOROLOGICAL REGISTER OF SYRIAN PROTES

LAT. 33° 54′ 22″ N

LONG. E. FROM GREENWICH 3

Year 1891

Month September.

| Date | Barometer as read. 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | 2½ Attached Thermometer. Cent. | 2½ Barometer Millimeters | 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | Barometer reduced to 0° and sea level. 8½ | 2½ | 8½ | mean | Thermometer Cent. max. | min. | min. on grass | Solar Black Bulb | Dry Bulb Cent. 8½ | 2½ | 8½ | mean | Wet Bulb Cent. 8½ | 2½ | 8½ | Elasticity of vapour Millimeters 8½ | 2½ | 8½ | mean | Relati pe 8½ | 2½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 27.8 | 758.6 | 29.1 | 758.4 | 28.1 | 758.1 | 757.8 | 757.5 | 757.3 | 757.5 | 30.3 | 23.2 | | 66.7 | 27.5 | 30.2 | 26.7 | 28.1 | 22.9 | 25.2 | 23.6 | 17.2 | 14.7 | 19.0 | 18.6 | 63 | 62 |
| 2 | 27.9 | 758.9 | 29.1 | 758.8 | 27.8 | 758.9 | 758.1 | 757.9 | 758.2 | 758.1 | 31.3 | 24.3 | | 65.8 | 28.2 | 30.5 | 27.2 | 28.6 | 22.6 | 24.3 | 23.9 | 16.3 | 17.8 | 19.2 | 17.8 | 57 | 54 |
| 3 | 27.8 | 76.1 | 28.9 | 759.6 | 28.4 | 760.0 | 759.3 | 758.7 | 759.2 | 759.1 | 30.4 | 24.2 | | 64.6 | 27.1 | 29.9 | 27.4 | 28.5 | 24.4 | 24.8 | 23.9 | 20.0 | 19.1 | 19.2 | 19.4 | 74 | 61 |
| 4 | 28.1 | 758.0 | 30.0 | 760.0 | 28.9 | 759.9 | 759.2 | 758.9 | 759.0 | 758.4 | 31.8 | 23.8 | | 66.8 | 28.2 | 31.7 | 26.9 | 28.9 | 23.8 | 26.2 | 23.4 | 18.4 | 20.5 | 20.4 | 19.8 | 65 | 58 |
| 5 | 28.1 | 758.9 | 29.4 | 758.8 | 28.3 | 758.5 | 758.4 | 758.8 | 757.6 | 758.2 | 30.9 | 23.8 | | 65.7 | 28.5 | 30.6 | 26.2 | 28.4 | 24.3 | 24.6 | 22.7 | 19.0 | 18.3 | 20.2 | 19.2 | 66 | 56 |
| 6 | 27.6 | 758.4 | 29.4 | 758.1 | 28.4 | 758.6 | 758.0 | 757.2 | 757.8 | 757.7 | 31.3 | 22.6 | | 65.2 | 28.6 | 30.6 | 26.8 | 28.7 | 22.3 | 24.2 | 23.1 | 15.6 | 17.6 | 17.9 | 17.0 | 54 | 54 |
| 7 | 28.0 | 758.4 | 28.9 | 759.0 | 28.0 | 759.6 | 758.0 | 758.1 | 758.8 | 758.3 | 30.7 | 23.6 | | 65.7 | 28.9 | 29.7 | 25.6 | 28.1 | 22.8 | 23.8 | 22.2 | 16.1 | 17.3 | 17.2 | 16.9 | 54 | 56 |
| 8 | 27.2 | 759.8 | 28.3 | 759.5 | 27.8 | 759.9 | 759.1 | 757.7 | 759.1 | 758.6 | 29.6 | 23.8 | | 65.8 | 26.4 | 28.6 | 26.2 | 27.1 | 22.3 | 23.2 | 23.4 | 16.9 | 16.9 | 19.1 | 17.6 | 66 | 57 |
| 9 | 27.2 | 759.9 | 28.9 | 759.5 | 27.9 | 759.6 | 759.2 | 758.6 | 758.8 | 758.9 | 30.0 | 23.3 | | 66.7 | 27.3 | 29.7 | 26.5 | 27.8 | 23.6 | 24.3 | 23.6 | 18.6 | 19.2 | 19.2 | 19.0 | 69 | 62 |
| 10 | 27.6 | 760.1 | 29.1 | 759.6 | 28.7 | 760.0 | 759.4 | 758.7 | 759.1 | 759.1 | 30.9 | 23.2 | | 66.9 | 27.3 | 30.4 | 27.8 | 28.5 | 23.9 | 25.0 | 23.2 | 19.2 | 19.1 | 18.9 | 19.1 | 72 | 59 |
| 11 | 27.8 | 760.4 | 27.7 | 759.9 | 28.4 | 760.1 | 759.6 | 758.9 | 759.4 | 759.3 | 31.6 | 23.8 | | 66.7 | 27.9 | 30.9 | 26.3 | 28.4 | 24.3 | 25.2 | 23.5 | 19.6 | 19.1 | 19.0 | 18.2 | 70 | 57 |
| 12 | 27.9 | 760.4 | 29.4 | 760.3 | 28.1 | 760.6 | 759.6 | 759.3 | 759.8 | 759.6 | 30.7 | 23.8 | | 64.1 | 28.9 | 30.2 | 26.3 | 28.5 | 24.0 | 23.4 | 22.2 | 18.2 | 16.4 | 16.8 | 17.1 | 61 | 51 |
| 13 | 27.8 | 760.4 | 28.9 | 760.3 | 27.8 | 760.9 | 759.6 | 759.4 | 760.1 | 759.7 | 30.3 | 23.1 | | 64.3 | 28.1 | 29.9 | 25.7 | 27.9 | 22.3 | 23.5 | 21.4 | 15.7 | 16.7 | 15.9 | 16.1 | 54 | 54 |
| 14 | 26.5 | 761.3 | 27.8 | 761.1 | 26.7 | 761.2 | 760.7 | 760.3 | 760.6 | 760.5 | 29.5 | 19.0 | | 64.5 | 26.2 | 28.6 | 24.4 | 26.4 | 23.1 | 23.0 | 21.8 | 18.4 | 16.6 | 17.3 | 17.4 | 72 | 56 |
| 15 | 25.2 | 759.9 | 27.1 | 759.2 | 26.2 | 759.5 | 759.5 | 758.6 | 759.0 | 759.0 | 28.4 | 20.7 | | 63.8 | 23.1 | 27.7 | 25.4 | 25.4 | 22.0 | 22.9 | 21.7 | 18.7 | 17.2 | 16.5 | 17.5 | 89 | 62 |
| 16 | 25.3 | 759.2 | 26.7 | 761.5 | 26.2 | 760.0 | 758.8 | 760.4 | 759.5 | 759.7 | 28.5 | 21.7 | | 63.3 | 27.0 | 27.6 | 24.7 | 26.4 | 21.8 | 21.8 | 21.2 | 15.7 | 15.3 | 16.1 | 15.7 | 68 | 56 |
| 17 | 25.9 | 760.7 | 26.9 | 761.4 | 26.3 | 762.4 | 760.2 | 760.7 | 761.9 | 760.9 | 28.3 | 21.9 | | 64.3 | 26.7 | 27.8 | 25.4 | 26.6 | 20.8 | 21.7 | 20.3 | 14.4 | 15.0 | 14.2 | 14.5 | 56 | 54 |
| 18 | 25.7 | 763.2 | 26.8 | 762.6 | 26.1 | 762.2 | 762.7 | 762.0 | 761.6 | 762.1 | 28.1 | 21.8 | | 65.3 | 27.0 | 27.6 | 24.9 | 26.5 | 20.9 | 21.8 | 21.4 | 14.2 | 15.2 | 16.3 | 15.2 | 53 | 55 |
| 19 | 25.7 | 762.7 | 26.8 | 761.5 | 26.4 | 762.0 | 762.2 | 762.0 | 761.4 | 761.9 | 28.4 | 22.6 | | 63.9 | 26.4 | 28.2 | 25.3 | 26.5 | 21.4 | 22.3 | 21.6 | 15.6 | 15.8 | 16.3 | 15.9 | 61 | 56 |
| 20 | 25.8 | 762.0 | 27.0 | 761.5 | 26.7 | 761.7 | 761.6 | 760.9 | 761.1 | 761.5 | 28.6 | 22.7 | | 63.6 | 26.1 | 27.7 | 25.9 | 26.6 | 22.7 | 23.2 | 22.8 | 17.8 | 17.7 | 18.1 | 17.9 | 70 | 64 |
| 21 | 26.4 | 761.3 | 27.4 | 761.1 | 26.9 | 760.8 | 760.7 | 760.4 | 760.2 | 760.4 | 28.3 | 24.7 | | 62.9 | 26.7 | 27.9 | 26.1 | 26.9 | 22.2 | 24.5 | 23.1 | 16.5 | 18.9 | 19.5 | 18.3 | 63 | 71 |
| 22 | 26.3 | 761.1 | 27.6 | 760.6 | 26.8 | 760.4 | 760.5 | 759.9 | 759.8 | 760.1 | 29.5 | 22.3 | | 62.9 | 27.2 | 28.7 | 25.6 | 27.3 | 22.1 | 23.7 | 21.2 | 16.0 | 17.9 | 15.5 | 16.5 | 59 | 61 |
| 23 | 26.2 | 760.5 | 26.2 | 759.9 | 27.0 | 759.9 | 760.0 | 759.0 | 759.3 | 759.4 | 30.3 | 21.6 | | 65.3 | 26.9 | 29.4 | 24.9 | 26.8 | 22.0 | 21.6 | 22.6 | 16.5 | 19.0 | 18.4 | 18.0 | 64 | 62 |
| 24 | 26.7 | 760.1 | 28.3 | 760.0 | 29.2 | 760.5 | 759.5 | 759.2 | 759.8 | 759.5 | 29.7 | 22.7 | | 62.6 | 27.2 | 29.1 | 27.6 | 28.0 | 23.1 | 23.0 | 21.6 | 17.7 | 16.4 | 15.0 | 16.4 | 66 | 54 |
| 25 | 26.5 | 761.4 | 27.8 | 761.0 | 27.3 | 761.6 | 760.8 | 760.3 | 760.9 | 760.7 | 29.3 | 22.4 | | 61.3 | 27.5 | 28.3 | 24.4 | 26.7 | 22.9 | 23.5 | 22.8 | 17.2 | 17.7 | 19.1 | 18.4 | 63 | 61 |
| 26 | 26.7 | 760.6 | 28.6 | 760.2 | 27.2 | 760.4 | 760.0 | 759.3 | 759.7 | 759.7 | 30.2 | 22.6 | | 64.2 | 26.9 | 29.6 | 25.6 | 27.4 | 23.9 | 24.9 | 22.7 | 14.5 | 19.7 | 18.1 | 18.8 | 74 | 63 |
| 27 | 26.3 | 760.8 | 27.2 | 760.4 | 25.9 | 761.3 | 760.2 | 759.7 | 760.8 | 760.2 | 28.1 | 23.5 | | 62.7 | 27.0 | 27.2 | 24.2 | 26.1 | 20.8 | 21.2 | 19.5 | 14.0 | 14.6 | 18.7 | 15.8 | 52 | 54 |
| 28 | 25.9 | 761.9 | 26.1 | 761.0 | 25.6 | 761.5 | 760.4 | 760.5 | 761.0 | 760.7 | 27.3 | 21.7 | | 64.3 | 26.2 | 27.0 | 24.6 | 25.9 | 21.4 | 21.4 | 19.2 | 15.4 | 15.0 | 13.1 | 14.6 | 61 | 56 |
| 29 | 25.2 | 761.2 | 25.8 | 760.4 | 25.6 | 760.5 | 760.8 | 759.9 | 760.0 | 760.2 | 28.7 | 21.0 | | 61.7 | 25.1 | 26.3 | 24.1 | 25.2 | 19.6 | 21.4 | 20.4 | 13.3 | 15.5 | 15.1 | 14.4 | 57 | 60 |
| 30 | 25.3 | 759.6 | 26.8 | 759.7 | 25.9 | 760.8 | 759.2 | 759.1 | 760.3 | 759.5 | 28.8 | 21.6 | | 61.1 | 25.9 | 27.8 | 24.5 | 26.1 | 19.9 | 21.5 | 19.2 | 13.4 | 14.7 | 14.6 | 14.2 | 54 | 53 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sums | | | | | | | 22.7148 | 22.7624 | 22.7414 | | 888.8 | 681.0 | | 1432.1 | 811.0 | 871.4 | 772.2 | | | | | 505.3 | 520.1 | 523.5 | | 187.7 | 178.9 |
| Means | | | | | | | 759.8 | 759.4 | 759.6 | 759.6 | 29.59 | 22.70 | | 64.4 | 27.03 | 29.05 | 25.74 | 27.24 | | | | 16.84 | 17.30 | 17.45 | 17.19 | 62.2 | 57.9 |

| | | | | |
|---|---|---|---|---|
| Barometer | Maximum | 762.7 | on | 18 |
| " | Minimum | 757.82 | on | 6 |
| Thermometer | Maximum | 31.8 | on | 4 |
| " | Minimum | 19.0 | on | 14 |

# SYRIAN PROTESTANT COLLEGE, BEIRUT, SYRIA.

LAT. 33° 54′ 22″ N.

FROM GREENWICH 35° 28′ 10″

**Height of Barometer above Sea level** 33.7 meters

" " **Thermometer above the earth** 1.22 "

" " **Rim of Rain Guage above** " 0.36 "

**Hours of observation** 8½ 2½ 8½

| Elasticity of vapour Millimeters 2½ | 8½ | mean | Relative Moisture per cent. 8½ | 2½ | 8½ | mean | Clouds. Clear— 0 Overcast—10 8½ | 2½ | 8½ | mean | Direction and force of Wind. 0 — 10 8½ | 2½ | 8½ | Wind per day. miles ~~Hm.~~ | Sea | Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. ~~mm.~~ A.M. | P.M. | Total | Observations and Phenomena |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.7 | 19.0 | 18.6 | 63 | 62 | 73 | 66 | | | | | WNW1 | CNW1 | 0 | 52.1 | Calme | | | | |
| 17.8 | 19.2 | 17.8 | 57 | 54 | 72 | 61 | | | | | 0 | CN1 | CN1 | 51.6 | Calme | | | | |
| 19.1 | 19.2 | 19.4 | 74 | 61 | 70 | 68 | | | | | CNW1 | CN1 | CN1 | 71.8 | Calme | | | | |
| 20.5 | 20.4 | 19.8 | 65 | 58 | 78 | 67 | | | | | N1 | CNW2 | NW2 | 90.7 | Calme | | | | |
| 18.3 | 20.2 | 19.2 | 66 | 56 | 70 | 64 | | 2 Cu-N | | ·7 | WSW | SW2 | W1 | 115.7 | Calme | | | | |
| 17.6 | 17.9 | 17.0 | 54 | 54 | 68 | 55 | 1 Cu | 1 Cu | 2 Cu-Ni | 1.3 | SW1 | W2 | WSW | 149.1 | Fresh | | | | CN 8½ PM ● 10½ PM. |
| 17.3 | 17.2 | 16.9 | 54 | 56 | 70 | 60 | 7 Cu | 2 Cu | 1 Cu | 3.3 | SW1 | SW2 | CNW1 | 111.8 | Fresh | .01 | .02 | .03 | ● 9½ A.M. ↳ N during night |
| 16.9 | 19.1 | 17.6 | 66 | 57 | 75 | 66 | 2 Cu-Ni SW | 1 Cu | 1 Cu | 1.3 | 0 | CNW1 | 0 | 51.1 | Calme | | | | |
| 19.2 | 19.2 | 19.0 | 69 | 62 | 74 | 68 | 0 | 0 | 0 | | 0 | CNW1 | 0 | 41.4 | Calme | | | | |
| 19.1 | 18.9 | 19.1 | 72 | 59 | 76 | 69 | 0 | 0 | 0 | | CNW1 | W1 | 0 | 57.3 | Calme | | | | |
| 19.1 | 19.0 | 19.2 | 70 | 57 | 76 | 68 | | 1 Cu | | ·3 | SWW1 | CNW1 | W1 | 116.2 | Calme | | | | |
| 16.4 | 16.8 | 17.1 | 61 | 51 | 66 | 59 | 1 Cu | 1 Cu | 4 Cu-Ni | 2.0 | WSW | W2 | W2 | 132.9 | Calme | | | | ↳ N W 8 PM [illegible] night |
| 16.7 | 15.9 | 16.1 | 54 | 54 | 64 | 57 | | 2 Cu | | ·7 | W1 | W2 | W1 | 95.6 | Calme | | | | ↳ N W Eve. ●, B after mid- |
| 16.6 | 17.3 | 17.4 | 72 | 56 | 76 | 68 | 1 Cu | 1 Cu | 1 Cu | 1.0 | WSW1 | WSW1 | W1 | 74.0 | Calme | [illegible] | [illegible] | [illegible] | night, ● after midnight |
| 17.2 | 16.5 | 17.5 | 89 | 62 | 69 | 73 | 10 Ni | 2 Cu | 7 Cu | 6.3 | CN1 | CN1 | CN1 | 100.5 | Calme | .30 | .30 | | B, — morning. ● A.M. |
| 15.3 | 16.1 | 15.7 | 58 | 56 | 70 | 61 | 1 Cu, Cu Str | 7 Ni | 3 Cu | 2.7 | 0 | 0 | 0 | 70.1 | Calme | | | | ↳ CNE, N Eve. |
| 15.0 | 14.2 | 14.5 | 56 | 54 | 59 | 56 | 0 | 0 | 0 | 0 | 0 | CN1 | 0 | 83.2 | Calme | | | | |
| 15.2 | 16.3 | 15.8 | 53 | 55 | 69 | 59 | 0 | 0 | 0 | 0 | 0 | CNW1 | CNW1 | 90.6 | Calme | | | | |
| 15.8 | 16.3 | 15.9 | 61 | 56 | 68 | 62 | 0 | 0 | 0 | 0 | 0 | CN1 | CN1 | 76.7 | Calme | | | | |
| 17.7 | 18.1 | 17.9 | 70 | 64 | 72 | 69 | 0 | 0 | 0 | 0 | SW1 | CNW1 | CNE2 | 100.9 | Calme | | | | |
| 18.9 | 19.5 | 18.3 | 63 | 71 | 73 | 69 | 0 | 1 Cu | 0 | ·3 | CNE1 | CN1 | | 203.0 | Calme | | | | |
| 17.9 | 15.5 | 16.5 | 59 | 61 | 63 | 61 | 0 | 0 | 0 | 0 | 0 | CNE1 | 0 | 70.7 | Calme | | | | |
| 19.0 | 18.4 | 18.0 | 64 | 62 | 78 | 68 | 0 | 1 Cu | 0 | ·3 | SW1 | CNW2 | W2 | 99.6 | Calme | | | | |
| 16.4 | 15.0 | 16.4 | 66 | 54 | 55 | 58 | 1 Cu, Cu Str | 2 Cu | 0 | 1.0 | SW2 | W3 | W1 | 166.8 | Fresh | | | | |
| 17.7 | 19.1 | 18.8 | 63 | 61 | 84 | 69 | 0 | 0 | 0 | 0 | SW1 | CNW1 | 0 | 81.5 | Calme | | | | |
| 17.7 | 18.1 | 19.1 | 74 | 63 | 74 | 71 | | 1 Cu N | 6 Cu-Ni | 2.3 | S.W.2 | S.W.2 | W.2 | 142.8 | Fresh | | | | |
| 14.6 | 18.7 | 18.0 | 52 | 54 | 60 | 55 | 4 Cu | 5 Cu N | 1 Cu-Ni | 3.3 | S.W.2 | W.3 | W.2 | 109.8 | Light | | | | ↳ N 8½ PM. |
| 15.0 | 13.1 | 14.6 | 61 | 56 | 57 | 58 | 1 Cu | 1 Cu | 0 | ·7 | S.W.1 | N.W.2 | 0 | 82.4 | Fresh | | | | ↳ N 7½ PM. |
| 15.5 | 15.1 | 14.6 | 57 | 60 | 68 | 62 | 1 Cu | 1 Cu N | 1 Cu Str | 1.0 | 0 | N.E.1 | N.E.1 | 77.0 | Calme | | | | |
| 14.7 | 14.6 | 14.9 | 54 | 53 | 65 | 57 | 10 Cu | 2 Cu | 7 Cu-Ni | 6.3 | 0 | W.1 | W.2 | 123.2 | Calme | | | | ↳ N Eve. |
| 20.1 | 52.35 | | 189.7 | 173.9 | 217.6 | | 40 | 34 | 31 | | | | | 294.0 | | | 2.43 | | |
| 17.30 | 17.45 | 17.4 | 63.2 | 57.9 | 72.5 | 64.5 | .3 | 1.1 | 1.0 | 1.3 | | | | | | | ~~2.43~~ | | |

# METEOROLOGICAL REGISTER OF SYRIAN PROTES

LAT. 33° 54′ 22″ N

LONG. E. FROM GREENWICH 3

Year 1891

Month October

| Date | Barometer as read. 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | 2½ Attached Thermometer. Cent. | 2½ Barometer Millimeters | 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | Barometer reduced to 0° and sea level. 8½ | 2½ | 8½ | mean | Thermometer Cent. max. | min. | min. on grass | Solar Black Bulb | Dry Bulb Cent. 8½ | 2½ | 8½ | mean | Wet Bulb Cent. 8½ | 2½ | 8½ | Elasticity of vapour Millimeters 8½ | 2½ | 8½ | mean | Relativ pe 8½ | 2½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26.4 | 761.3 | 27.2 | 761.4 | 26.0 | 762.4 | 760.8 | 760.7 | 761.9 | 761.1 | 28.3 | 17.3 | | 61.3 | 26.7 | 28.1 | 23.9 | 26.2 | 21.3 | 21.9 | 20.7 | 14.9 | 15.2 | 15.2 | 15.3 | 57 | 54 |
| 2 | 25.3 | 763.5 | 25.8 | 763.8 | 25.8 | 764.4 | 763.1 | 763.3 | 763.8 | 763.4 | 26.9 | 21.6 | | 61.3 | 25.2 | 26.4 | 22.8 | 24.8 | 20.0 | 20.3 | 19.2 | 13.9 | 13.6 | 14.0 | 13.8 | 58 | 53 |
| 3 | 24.6 | 764.7 | 25.1 | 763.9 | 25.0 | 763.4 | 764.4 | 763.5 | 763.0 | 763.6 | 25.8 | 19.9 | | 58.6 | 24.6 | 25.6 | 24.3 | 24.7 | 19.5 | 20.2 | 20.6 | 13.4 | 14.0 | 15.2 | 14.2 | 58 | 57 |
| 4 | 25.0 | 762.7 | 25.8 | 762.1 | 25.7 | 762.4 | 762.3 | 761.6 | 761.9 | 761.9 | 27.4 | 23.8 | | 59.6 | 25.4 | 26.8 | 25.0 | 25.7 | 20.8 | 22.4 | 20.8 | 17.5 | 16.7 | 15.3 | 16.5 | 62 | 63 |
| 5 | 25.6 | 762.9 | 26.1 | 762.4 | 25.6 | 762.8 | 762.4 | 761.9 | 762.3 | 762.2 | 26.9 | 22.4 | | 60.6 | 24.8 | 26.8 | 24.4 | 25.3 | 21.7 | 22.6 | 20.9 | 16.8 | 17.0 | 15.8 | 16.5 | 72 | 64 |
| 6 | 25.3 | 763.8 | 25.6 | 762.8 | 25.3 | 762.6 | 763.4 | 762.3 | 762.2 | 762.6 | 26.5 | 23.9 | | 58.9 | 24.7 | 25.8 | 24.9 | 25.1 | 21.2 | 21.4 | 20.3 | 15.9 | 15.7 | 15.4 | 15.6 | 69 | 63 |
| 7 | 25.2 | 762.2 | 25.8 | 761.1 | 25.6 | 760.4 | 761.8 | 760.6 | 759.9 | 760.8 | 25.8 | 23.2 | | 52.2 | 24.6 | 25.1 | 24.1 | 24.6 | 21.2 | 22.3 | 22.1 | 16.2 | 17.9 | 19.3 | 17.8 | 71 | 76 |
| 8 | 25.3 | 760.5 | 26.1 | 760.0 | 26.1 | 760.3 | 760.1 | 759.5 | 759.8 | 759.8 | 27.2 | 22.2 | | 60.6 | 25.1 | 27.0 | 24.0 | 25.4 | 21.8 | 23.1 | 21.6 | 17.0 | 17.9 | 17.2 | 17.4 | 72 | 67 |
| 9 | 25.4 | 761.1 | 26.1 | 761.1 | 25.6 | 761.6 | 760.7 | 760.6 | 761.6 | 761.1 | 27.0 | 21.4 | | 61.3 | 24.7 | 26.5 | 23.5 | 24.9 | 21.9 | 21.8 | 20.2 | 17.3 | 21.8 | 20.2 | 19.8 | 75 | 61 |
| 10 | 24.9 | 762.2 | 25.8 | 761.5 | 25.1 | 762.5 | 761.8 | 761.0 | 762.1 | 761.8 | 27.5 | 20.4 | | 61.1 | 25.1 | 27.2 | 22.9 | 25.1 | 20.9 | 22.0 | 17.3 | 15.4 | 15.8 | 11.4 | 14.2 | 65 | 58 |
| 11 | 24.7 | 760.9 | 25.6 | 760.7 | 25.0 | 759.9 | 760.6 | 759.6 | 759.5 | 759.9 | 26.8 | 20.3 | | 59.4 | 23.9 | 25.7 | 22.5 | 24.0 | 20.4 | 21.6 | 19.9 | 15.3 | 16.0 | 15.3 | 15.5 | 69 | 65 |
| 12 | 25.1 | 758.5 | 26.0 | 758.9 | 25.2 | 759.4 | 758.1 | 758.4 | 759.0 | 758.5 | 27.6 | 21.9 | | 54.4 | 25.6 | 26.9 | 23.4 | 25.3 | 21.9 | 22.6 | 21.1 | 16.8 | 17.0 | 16.7 | 16.8 | 69 | 64 |
| 13 | 23.3 | 758.1 | 25.1 | 758.6 | 24.7 | 760.0 | 757.9 | 758.2 | 759.6 | 758.6 | 28.1 | 16.7 | | 57.5 | 21.1 | 27.7 | 22.9 | 23.9 | 19.1 | 22.5 | 21.3 | 14.9 | 16.4 | 17.5 | 16.3 | 80 | 60 |
| 14 | 23.3 | 760.7 | 23.6 | 760.3 | 23.2 | 759.6 | 760.5 | 760.1 | 759.4 | 760.0 | 26.1 | 20.6 | | 55.6 | 23.7 | 21.8 | 20.7 | 22.1 | 20.2 | 18.9 | 20.7 | 17.6 | 14.2 | 17.9 | 16.6 | 69 | 73 |
| 15 | 22.9 | 759.1 | 24.4 | 759.3 | 23.9 | 759.9 | 759.9 | 759.0 | 759.6 | 759.2 | 24.7 | 20.4 | | 56.8 | 23.1 | 24.6 | 22.3 | 23.3 | 19.8 | 20.6 | 19.1 | 14.8 | 15.1 | 14.8 | 14.7 | 70 | 66 |
| 16 | 22.9 | 761.1 | 25.0 | 761.6 | 23.9 | 761.9 | 761.0 | 761.2 | 761.6 | 761.3 | 25.2 | 21.4 | | 57.2 | 23.8 | 24.4 | 22.9 | 23.4 | 19.0 | 19.2 | 19.2 | 13.7 | 13.0 | 12.5 | 13.1 | 67 | 57 |
| 17 | 22.8 | 762.2 | 24.4 | 761.7 | 23.9 | 762.3 | 762.1 | 761.4 | 762.1 | 761.9 | 24.6 | 19.2 | | 56.1 | 22.7 | 24.3 | 22.5 | 23.2 | 18.6 | 19.8 | 18.1 | 8.2 | 14.0 | 12.6 | 11.6 | 65 | 62 |
| 18 | 22.8 | 761.9 | 24.2 | 761.4 | 24.0 | 761.5 | 761.8 | 761.1 | 761.2 | 761.4 | 24.6 | 19.4 | | 55.2 | 22.7 | 24.2 | 23.1 | 23.3 | 17.6 | 19.8 | 19.1 | 11.7 | 14.2 | 13.3 | 13.2 | 57 | 63 |
| 19 | 23.3 | 762.0 | 24.7 | 761.9 | 24.4 | 762.4 | 761.8 | 761.6 | 762.1 | 761.8 | 25.1 | 19.3 | | 55.8 | 22.4 | 24.4 | 23.3 | 23.4 | 18.2 | 20.1 | 20.3 | 12.8 | 14.4 | 15.4 | 14.2 | 63 | 64 |
| 20 | 23.6 | 762.7 | 25.1 | 762.7 | 24.7 | 762.8 | 762.5 | 762.3 | 762.5 | 762.4 | 25.3 | 20.7 | | 55.2 | 22.9 | 24.5 | 23.8 | 23.8 | 18.7 | 20.8 | 21.2 | 13.2 | 15.6 | 16.7 | 15.5 | 64 | 69 |
| 21 | 23.9 | 762.6 | 24.8 | 760.7 | 25.4 | 760.6 | 762.4 | 760.4 | 760.2 | 761.0 | 27.0 | 21.6 | | 57.8 | 26.7 | 26.7 | 25.4 | 26.3 | 16.7 | 21.3 | 21.4 | 19.2 | 15.0 | 16.0 | 16.7 | 35 | 57 |
| 22 | 24.9 | 760.0 | 25.7 | 761.6 | 25.5 | 759.2 | 759.7 | 761.1 | 758.8 | 759.9 | 29.3 | 24.1 | | 60.6 | 25.1 | 26.8 | 23.3 | 25.1 | 19.7 | 23.1 | 21.7 | 13.5 | 18.0 | 18.0 | 16.5 | 57 | 68 |
| 23 | 24.7 | 759.1 | 25.7 | 758.9 | 25.6 | 758.8 | 758.8 | 758.4 | 758.3 | 758.5 | 26.8 | 22.2 | | 59.6 | 24.1 | 25.6 | 23.9 | 24.5 | 21.1 | 22.9 | 21.4 | 16.4 | 18.5 | 17.0 | 17.3 | 73 | 76 |
| 24 | 25.4 | 759.7 | 26.3 | 759.0 | 25.8 | 760.1 | 759.3 | 758.4 | 759.6 | 759.1 | 28.1 | 22.7 | | 57.9 | 28.5 | 27.6 | 23.3 | 26.5 | 19.9 | 22.5 | 22.1 | 12.0 | 16.4 | 18.7 | 15.1 | 41 | 60 |
| 25 | 25.2 | 762.0 | 25.6 | 761.1 | 25.5 | 760.8 | 761.6 | 760.7 | 760.3 | 760.9 | 26.4 | 22.3 | | 57.3 | 24.3 | 25.7 | 24.3 | 24.8 | 22.4 | 22.1 | 18.6 | 18.5 | 17.0 | 12.3 | 15.9 | 82 | 69 |
| 26 | 24.1 | 762.0 | 24.6 | 760.7 | 24.4 | 760.8 | 760.7 | 760.4 | 760.5 | 760.9 | 25.1 | 19.9 | | 49.6 | 22.8 | 24.3 | 22.4 | 23.2 | 22.1 | 21.2 | 20.2 | 15.1 | 16.3 | 15.9 | 15.1 | 73 | 73 |
| 27 | 23.7 | 761.3 | 24.7 | 761.1 | 24.1 | 761.9 | 761.1 | 760.8 | 761.6 | 761.2 | 25.7 | 20.4 | | 60.6 | 22.9 | 24.8 | 24.2 | 24.0 | 20.3 | 21.6 | 19.5 | 15.7 | 16.7 | 13.7 | 15.4 | 76 | 72 |
| 28 | 23.4 | 763.9 | 23.9 | 763.3 | 23.9 | 764.1 | 763.7 | 763.0 | 763.9 | 763.5 | 24.6 | 19.4 | | 56.2 | 22.6 | 23.9 | 22.2 | 22.9 | 19.7 | 20.3 | 18.8 | 13.5 | 15.1 | 13.9 | 14.2 | 66 | 68 |
| 29 | 23.1 | 764.0 | 23.6 | 761.8 | 23.9 | 761.0 | 763.9 | 761.6 | 760.7 | 762.0 | 24.6 | 18.7 | | 56.1 | 21.7 | 24.3 | 22.2 | 22.7 | 18.4 | 19.5 | 20.3 | 13.4 | 13.6 | 16.2 | 14.4 | 69 | 60 |
| 30 | 23.1 | 759.3 | 23.9 | 758.4 | 24.1 | 759.4 | 759.1 | 758.1 | 759.1 | 758.8 | 26.9 | 20.4 | | 53.5 | 23.0 | 25.6 | 22.2 | 23.6 | 18.6 | 21.2 | 21.4 | 13.1 | 15.5 | 18.2 | 15.6 | 62 | 63 |
| 31 | 23.3 | 759.5 | 24.2 | 760.0 | 24.0 | 759.5 | 759.3 | 759.7 | 759.3 | 759.4 | 27.2 | 19.8 | | 53.3 | 22.2 | 26.5 | 21.9 | 23.5 | 18.5 | 21.4 | 20.2 | 13.3 | 15.3 | 16.3 | 15.0 | 66 | 59 |
| Sums | | | | | | | 23596.5 | 23578.5 | 23587.7 | | 820.1 | 643.5 | | 1773.3 | 745.7 | 797.0 | 720.5 | | | | | 461.0 | 491.0 | 494.4 | | 2032 | 1974 |
| Means | | | | | | | 761.2 | 760.9 | 760.9 | 760.9 | 26.5 | 21.4 | | 57.2 | 24.1 | 25.7 | 23.2 | 24.3 | | | | 14.9 | 15.9 | 16.1 | 16.2 | 65.5 | 63.7 |

| | | | |
|---|---|---|---|
| Barometer | Maximum | 764.4 | on 3 |
| " | Minimum | 757.9 | on 13 |
| Thermometer | Maximum | 29.3 | on 22 |
| " | Minimum | 16.7 | on 13 |

# F SYRIAN PROTESTANT COLLEGE, BEIRUT, SYRIA.

LAT. 33° 54′ 22″ N.

E. FROM GREENWICH 35° 28′ 10″

**Height of Barometer above Sea level** 33.7 meters

" " **Thermometer above the earth** 1.22 "

" " **Rim of Rain Guage above** " 0.36 "

**Hours of observation** 8½ 2½ 8½

| Elasticity of vapour Millimeters | | | | Relative Moisture per cent. | | | | Clouds. Clear— 0 Overcast—10 | | | | Direction and force of Wind. 0 — 10 | | | Wind per day. miles ~~Kim~~ | Sea | Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. ~~Mm.~~ | | | Observations and Phenomena |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | | | A.M. | P.M. | Total | |
| 14.9 | 15.2 | 15.7 | 15.3 | 57 | 54 | 71 | 61 | 5 Cu, Cu Str | 3 Cu N | 2 Cu Str | 3.3 | S1 | NNW2 | N2 | 130.1 | Fran. | | | | |
| 13.9 | 13.6 | 14.0 | 13.8 | 58 | 53 | 68 | 60 | 3 Cu N | 2 Cu | 1 Cu | 2.0 | SW1 | NN1 | N1 | 74.4 | Calme | | | | |
| 13.4 | 14.0 | 15.2 | 14.2 | 58 | 57 | 68 | 61 | 0 | 0 | 0 | 0 | 0 | NE1 | NE4 | 155.7 | Fran | | | | |
| 17.5 | 16.7 | 15.3 | 16.5 | 62 | 63 | 65 | 63 | 0 | 0 | 0 | 0 | 0 | N1 | N1 | 245.4 | Calme | | | | |
| 16.8 | 17.0 | 15.8 | 16.5 | 72 | 64 | 70 | 69 | 1.0 Cu fri | 1.0 fri Cu | 1 Cu fri | 1.0 | N1 | N1 | N1 | 117.8 | Calme | | | | |
| 15.9 | 15.7 | 15.1 | 15.6 | 69 | 63 | 67 | 66 | 7 Cu, Cu fri | 0 | 1 Cu fri | 2.7 | N1 | N2 | N2 | 148.3 | Fran. | | | | |
| 16.2 | 17.9 | 19.3 | 17.8 | 71 | 76 | 86 | 78 | 8 Cu Cu Str | 9 Cu Str | 9 Cu Str | 8.7 | N1 | N1 | N2 | 243.7 | Calme | | | | |
| 17.0 | 17.9 | 17.2 | 17.4 | 72 | 67 | 77 | 72 | 3 Cu N | 1 Cu | 0 | 1.3 | 0 | N1 | 0 | 96.8 | Calme | | | | |
| 17.3 | 21.8 | 20.2 | 19.8 | 75 | 61 | 70 | 69.0 | 2 Cu E. | 0 | 0 | .7 | 0 | 0 | 0 | 45.0 | Calme | | | | |
| 15.4 | 15.8 | 11.4 | 14.2 | 65 | 58 | 54 | 59 | 0 | 0 | 1 Cu | .3 | N1 | NNW1 | NNW1 | 77.8 | Calme | | | | |
| 15.3 | 16.0 | 15.3 | 15.5 | 69 | 65 | 76 | 70 | 1 Cu | 1 Cu | 1 Cu | 1.0 | 0 | NNW1 | NNW1 | 85.3 | Calme | | | | ↳ N all night |
| 17.8 | 17.0 | 16.7 | 16.8 | 69 | 64 | 78 | 70 | 10 Cu fri | 2 Cu fri | 2 Cu fri | 4.7 | NNE3 | NE2 | N1 | 5 3.2 | Agit | | .12 | .12 | * after 8½ P.M. P. ↳ during night |
| 14.9 | 16.4 | 17.5 | 16.3 | 80 | 60 | 84 | 75 | 10 fri N | 2 Cu, Cu fri | 8 Cu Cu fri Str | 6.0 | 0 | SW2 | 0 | 121.5 | Calme | .46 | .04 | .50 | ↳ N + W + NW during night |
| 17.6 | 14.2 | 17.9 | 16.6 | 69 | 73 | 74 | 72 | 2 Cu N | 1 fri | 2 Cu N | 1.3 | SE1 | SE1 | 0 | 68.0 | Calme | | .18 | .18 | |
| 14.8 | 15.1 | 14.2 | 14.7 | 70 | 66 | 70 | 69 | 0 | 2 Cu Str | 2 Cu N | 1.3 | 0 | N1 | N1 | 95.6 | Calme | | | | |
| 13.7 | 13.0 | 12.5 | 13.1 | 67 | 57 | 60 | 61 | 1 Cu | 0 | 1 Cu Cu | .7 | 0 | N1 | N1 | 92.8 | Calme | .05 | | .05 | |
| 13.2 | 14.0 | 12.6 | 13.6 | 65 | 62 | 61 | 63 | 1 Cu | 1 Cu | 4 Str N | 2.0 | E1 | NE1 | N1 | 95.6 | Calme | | | | |
| 14.7 | 14.2 | 13.7 | 13.3 | 57 | 63 | 66 | 62 | 0 | 1 Cu | 0 | .3 | N2 | NE1 | N2 | 181.0 | Calme | | | | |
| 12.8 | 14.4 | 15.4 | 14.2 | 63 | 64 | 72 | 66 | 0 | 1 Cu | 1 Cu | .7 | SW1 | NE1 | NNE2 | 143.8 | Calme | | | | |
| 13.2 | 15.6 | 16.7 | [illegible] | 64 | 69 | 75 | 69 | 0 | 0 | 0 | 0.0 | [illegible] | N3 | NNE3 | 248.0 | Agit | | | | |
| 9.2 | 15.0 | 16.0 | 14.7 | 35 | 57 | 66 | 53 | 0 | 0 | 0 | 0.0 | E1 | N3 | NE3 | 257.0 | Fran | | | | |
| 13.5 | 18.0 | 18.0 | 16.5 | 57 | 68 | 85 | 70 | 0 | 0 | 0 | 0.0 | 0 | 0 | E1 | 86.0 | Calme | | | | |
| 14.4 | 18.5 | 17.0 | 17.3 | 73 | 76 | 77 | 75 | 1 Cu | 2 Cu | 1 Cu | 1.3 | SE1 | 0 | E1 | 83.5 | Calme | | | | |
| 12.0 | 16.4 | 18.9 | 15.8 | 41 | 60 | 88 | 63 | 1 Cu ~~Str~~ | 2 Cu N | 0 | 1.0 | E2 | NE3 | N2 | 168.5 | Fran | | | | |
| 18.5 | 17.0 | 12.3 | 15.9 | 82 | 69 | 54 | 69 | 6 Cu N | 5 Cu N | 0 | 3.7 | 0 | N3 | E2 | 151.5 | Fran | | | | |
| 15.1 | 16.3 | 15.9 | 15.1 | 73 | 73 | 79 | 75 | 7 Cu Str ~~Str~~ | 1 Cu fri | 10 fri Cu | 9.0 | N2 | N1 | N1 | 97.9 | Calme | | | | 5 P.M. ↳ S Eve. |
| 13.7 | 16.7 | 13.7 | 15.4 | 76 | 72 | 60 | 69 | 8 Cu N | 6 Cu fri | 1 Cu | 5.0 | 0 | N1 | N1 | 76.5 | Calme | | | | ↳ E 2½ P.M. |
| 13.5 | 15.1 | 13.9 | 14.0 | 66 | 68 | 70 | 68 | 0 | 1 Cu | 0 | .3 | E1 | N1 | NE1 | 66.9 | Calme | | | | |
| 13.4 | 13.6 | 16.2 | 14.4 | 69 | 60 | 83 | 70 | 0 | 3 Str, Cu Str N | 0 | 1.0 | E1 | NE1 | 0 | 101.1 | Calme | | | | |
| 13.1 | 15.5 | 18.2 | 15.6 | 62 | 63 | 82 | 72 | 1 Cu Str | 0 Cu Str S | 1 Str Cu | 1.7 | 0 | N1 | N1 | 77.9 | Calme | | | | ↳ N + E + W Eve. |
| 13.3 | 15.3 | 16.3 | 15.0 | 66 | 59 | 83 | 69 | 1 Cu Str | 3 Cu Str N | 1 Str | 5.3 | NNW1 | N1 | N1 | 75.0 | Calme | | | | ↳ NW Eve. |
| 61.0 | 491.0 | 494.4 | | 2032 | 1974 | 2249 | | 97 | 82 | 50 | | | | | 1309.6 | | | .85 | | |
| 14.9 | 15.9 | 16.1 | 15.6 | 65.5 | 63.7 | 72.5 | 67.2 | 3.1 | 2.7 | 1.7 | 2.8 | | | | 139.0 | | | | | |

# METEOROLOGICAL REGISTER OF SYRIAN PRO

LAT. 33° 54-

LONG. E. FROM GREENWI

**Year** 1891

**Month** October.

| Date | Barometer as read. 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | 2½ Attached Thermometer. Cent. | 2½ Barometer Millimeters | 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | Barometer reduced to 0° and sea level. 8½ | 2½ | 8½ | mean | Thermometer Cent. max. | min. | min. on grass | Solar Black Bulb | Dry Bulb Cent. 8½ | 2½ | 8½ | mean | Wet Bulb Cent. 8½ | 2½ | 8½ | Elasticity of vapour Millimeters 8½ | 2½ | 8½ | mean | 8½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 26.1 | 761.3 | 27.2 | 761.4 | 26.0 | 762.4 | 760.8 | 760.7 | 761.9 | 761.1 | 28.3 | 17.3 | | 61.3 | 26.7 | 28.1 | 23.9 | 26.2 | 21.3 | 21.9 | 20.7 | 14.9 | 15.2 | 15.7 | 15.3 | 57 |
| 2 | 25.3 | 763.5 | 25.8 | 763.8 | 25.8 | 764.4 | 763.1 | 763.3 | 763.8 | 763.4 | 26.9 | 21.6 | | 61.3 | 25.2 | 26.4 | 22.8 | 24.8 | 20.0 | 20.3 | 19.2 | 13.9 | 13.6 | 14.0 | 13.8 | 58 |
| 3 | 24.6 | 764.7 | 25.1 | 763.9 | 25.0 | 763.4 | 764.4 | 763.5 | 763.0 | 763.6 | 25.8 | 19.9 | | 58.6 | 24.6 | 25.6 | 24.3 | 24.7 | 19.5 | 20.2 | 20.6 | 13.4 | 14.0 | 15.2 | 14.2 | 58 |
| 4 | 25.0 | 762.7 | 25.8 | 762.1 | 25.7 | 762.4 | 762.3 | 761.6 | 761.9 | 761.9 | 27.4 | 23.8 | | 59.6 | 25.4 | 26.8 | 25.0 | 25.7 | 20.8 | 22.4 | 20.8 | 17.5 | 16.7 | 15.3 | 16.5 | 62 |
| 5 | 25.6 | 762.9 | 26.1 | 762.4 | 25.6 | 762.8 | 762.4 | 761.9 | 762.3 | 762.2 | 26.9 | 22.4 | | 50.6 | 24.8 | 26.8 | 24.4 | 25.3 | 21.7 | 22.6 | 20.9 | 16.8 | 17.0 | 15.8 | 16.5 | 72 |
| 6 | 25.3 | 762.8 | 25.6 | 762.8 | 25.3 | 762.6 | 763.4 | 762.3 | 762.2 | 762.6 | 26.5 | 23.9 | | 58.9 | 24.7 | 25.8 | 24.9 | 25.1 | 21.2 | 21.4 | 20.3 | 15.9 | 15.7 | 15.1 | 15.6 | 69 |
| 7 | 25.2 | 762.2 | 25.8 | 761.1 | 25.6 | 760.4 | 761.8 | 760.6 | 759.9 | 760.8 | 25.8 | 23.2 | | 52.2 | 24.6 | 25.1 | 24.1 | 24.6 | 21.2 | 22.3 | 22.7 | 16.2 | 17.9 | 19.3 | 17.8 | 71 |
| 8 | 25.3 | 760.5 | 26.1 | 760.6 | 26.1 | 760.3 | 760.1 | 759.5 | 759.8 | 759.8 | 27.2 | 22.2 | | 60.6 | 25.1 | 27.0 | 24.0 | 25.4 | 21.8 | 23.1 | 21.6 | 17.0 | 17.9 | 17.2 | 17.4 | 72 |
| 9 | 25.4 | 761.1 | 26.1 | 761.1 | 25.6 | 761.6 | 760.7 | 760.6 | 761.6 | 761.0 | 27.0 | 21.4 | | 61.3 | 24.7 | 26.5 | 23.5 | 24.9 | 21.9 | 21.8 | 20.2 | 17.3 | 21.8 | 20.2 | 19.8 | 75 |
| 10 | 24.9 | 762.2 | 25.8 | 761.5 | 25.1 | 762.5 | 761.8 | 761.0 | 762.1 | 761.8 | 27.5 | 24.0 | | 61.1 | 25.1 | 27.2 | 22.9 | 25.1 | 20.9 | 22.0 | 17.3 | 15.4 | 15.8 | 11.4 | 14.2 | 65 |
| 11 | 24.7 | 760.9 | 25.6 | 760.1 | 25.0 | 759.9 | 760.6 | 759.6 | 759.5 | 759.9 | 26.8 | 20.3 | | 59.4 | 23.9 | 25.7 | 22.5 | 24.0 | 20.4 | 21.6 | 19.9 | 15.3 | 16.0 | 15.3 | 15.5 | 69 |
| 12 | 25.1 | 758.5 | 26.0 | 758.9 | 25.2 | 759.4 | 758.1 | 758.4 | 759.0 | 758.5 | 27.6 | 21.9 | | 54.4 | 25.6 | 26.9 | 23.4 | 25.3 | 21.9 | 22.6 | 21.1 | 16.8 | 17.0 | 16.7 | 16.8 | 69 |
| 13 | 23.3 | 758.1 | 25.1 | 758.6 | 24.7 | 760.0 | 759.9 | 758.2 | 759.6 | 759.6 | 28.4 | 16.7 | | 57.5 | 24.1 | 27.7 | 22.9 | 23.9 | 19.1 | 22.5 | 21.3 | 14.9 | 16.4 | 17.3 | 16.1 | 80 |
| 14 | 23.7 | 760.7 | 23.6 | 760.3 | 23.2 | 759.6 | 760.5 | 760.1 | 759.4 | 760.0 | 26.1 | 20.6 | | 55.6 | 23.7 | 21.8 | 20.7 | 22.1 | 20.2 | 18.9 | 20.7 | 17.6 | 14.2 | 17.9 | 16.4 | 78 |
| 15 | 22.9 | 759.1 | 24.4 | 759.3 | 23.9 | 759.9 | 758.9 | 759.0 | 759.6 | 759.2 | 24.7 | 20.4 | | 56.8 | 23.1 | 24.6 | 22.3 | 23.3 | 19.8 | 20.6 | 19.1 | 14.8 | 15.1 | 14.2 | 14.7 | 76 |
| 16 | 22.9 | 761.1 | 25.0 | 761.6 | 23.7 | 761.9 | 761.0 | 761.2 | 761.6 | 761.3 | 25.2 | 19.4 | | 57.2 | 22.8 | 24.4 | 24.9 | 23.4 | 19.0 | 19.2 | 18.2 | 13.7 | 13.0 | 12.5 | 13.1 | 67 |
| 17 | 22.8 | 762.2 | 24.4 | 761.7 | 23.9 | 762.3 | 762.1 | 761.4 | 762.1 | 761.9 | 24.6 | 19.2 | | 56.1 | 22.7 | 24.3 | 22.5 | 23.2 | 18.6 | 19.8 | 18.1 | 8.2 | 14.0 | 12.6 | 12.5 | 65 |
| 18 | 22.8 | 761.9 | 24.2 | 761.4 | 24.0 | 761.5 | 761.8 | 761.1 | 761.2 | 761.4 | 24.6 | 19.4 | | 55.2 | 22.7 | 24.2 | 23.1 | 23.3 | 17.6 | 19.8 | 19.1 | 11.7 | 14.2 | 13.7 | 13.2 | 77 |
| 19 | 23.3 | 762.0 | 24.7 | 761.9 | 24.4 | 762.4 | 761.8 | 761.6 | 762.1 | 761.8 | 25.1 | 19.3 | | 55.8 | 22.4 | 24.4 | 23.3 | 23.4 | 18.2 | 20.1 | 20.3 | 12.4 | 14.4 | 15.4 | 14.2 | 63 |
| 20 | 23.6 | 762.7 | 25.1 | 762.7 | 24.7 | 762.8 | 762.5 | 762.3 | 762.5 | 762.4 | 25.3 | 20.7 | | 55.2 | 22.9 | 24.5 | 23.8 | 23.8 | 18.7 | 20.8 | 21.2 | 13.2 | 15.6 | 16.7 | 15.2 | 64 |
| 21 | 23.9 | 762.6 | 24.8 | 760.7 | 25.4 | 761.6 | 762.4 | 760.4 | 760.2 | 761.0 | 27.0 | 21.6 | | 57.8 | 26.7 | 26.7 | 25.4 | 26.3 | 16.7 | 21.3 | 21.4 | 19.2 | 15.0 | 16.0 | 16.7 | 35 |
| 22 | 24.9 | 760.0 | 25.7 | 761.6 | 25.5 | 759.2 | 759.7 | 761.1 | 758.8 | 759.9 | 29.3 | 24.1 | | 60.6 | 25.1 | 26.8 | 23.3 | 25.1 | 19.7 | 23.1 | 21.7 | 13.5 | 18.0 | 18.0 | 16.5 | 57 |
| 23 | 24.7 | 759.1 | 25.7 | 758.9 | 25.6 | 758.8 | 758.8 | 758.4 | 758.3 | 758.5 | 26.8 | 22.2 | | 59.6 | 24.1 | 25.6 | 23.9 | 24.5 | 21.1 | 22.9 | 21.4 | 16.4 | 18.5 | 17.0 | 17.3 | 73 |
| 24 | 25.4 | 759.7 | 26.3 | 759.0 | 25.8 | 760.1 | 759.3 | 758.4 | 759.6 | 759.1 | 28.1 | 22.7 | | 57.9 | 28.5 | 27.6 | 23.3 | 26.5 | 19.9 | 22.5 | 22.1 | 12.0 | 16.4 | 14.9 | 14.3 | 41 |
| 25 | 25.2 | 762.0 | 25.6 | 761.1 | 25.5 | 761.8 | 761.4 | 760.7 | 760.3 | 760.9 | 26.4 | 22.3 | | 57.3 | 24.3 | 25.7 | 24.3 | 24.8 | 22.4 | 22.1 | 18.6 | 18.5 | 17.0 | 18.3 | 17.8 | 82 |
| 26 | 24.1 | 762.0 | 24.6 | 760.7 | 24.4 | 760.8 | 761.7 | 760.4 | 760.5 | 760.9 | 25.1 | 19.9 | | 49.6 | 22.8 | 24.3 | 22.4 | 23.2 | 22.1 | 21.2 | 20.2 | 15.1 | 16.3 | 15.9 | 15.8 | 73 |
| 27 | 23.7 | 761.3 | 24.7 | 761.1 | 24.1 | 761.9 | 761.1 | 760.8 | 761.6 | 761.2 | 25.7 | 20.4 | | 60.6 | 22.9 | 24.8 | 24.2 | 24.0 | 20.3 | 21.6 | 19.5 | 15.7 | 16.7 | 13.7 | 15.4 | 76 |
| 28 | 23.4 | 763.9 | 23.9 | 763.3 | 23.9 | 764.1 | 763.7 | 763.0 | 763.9 | 763.5 | 24.6 | 19.4 | | 56.2 | 22.6 | 23.9 | 22.8 | 22.9 | 18.7 | 20.3 | 18.8 | 13.5 | 15.1 | 13.9 | 14.2 | 66 |
| 29 | 23.1 | 764.0 | 23.6 | 761.8 | 23.9 | 761.0 | 763.8 | 761.6 | 760.7 | 762.0 | 24.6 | 18.7 | | 56.1 | 21.7 | 24.3 | 22.2 | 22.7 | 18.4 | 19.5 | 20.3 | 13.4 | 18.6 | 16.2 | 14.7 | 69 |
| 30 | 23.1 | 759.3 | 23.9 | 758.4 | 24.1 | 759.4 | 759.1 | 758.1 | 759.1 | 758.8 | 26.9 | 20.4 | | 53.5 | 23.0 | 25.6 | 22.2 | 23.6 | 18.6 | 21.2 | 21.4 | 13.1 | 15.5 | 18.2 | 14.6 | 62 |
| 31 | 23.3 | 759.5 | 24.2 | 760.0 | 24.0 | 759.5 | 759.3 | 759.7 | 759.3 | 759.4 | 27.2 | 19.8 | | 54.3 | 22.2 | 26.5 | 21.9 | 23.5 | 18.5 | 21.4 | 20.2 | 13.3 | 15.3 | 16.3 | 14.9 | 66 |
| Sums | | | | | | | 235965 | 235785 | 235877 | | 820.1 | 643.5 | | 1773.3 | 745.7 | 797.0 | 720.5 | | | | | 460.0 | 491.0 | 498.4 | | 2032 |
| Means | | | | | | | 761.2 | 760.9 | 760.8 | 760.8 | 26.5 | 21.4 | | 57.2 | 24.1 | 25.7 | 23.2 | 24.3 | | | | 14.9 | 15.9 | 16.1 | 15.4 | 65.5 |

| | | | | |
|---|---|---|---|---|
| **Barometer** | **Maximum** | 764.4 | **on** | 3 |
| " | **Minimum** | 757.9 | **on** | 13 |
| **Thermometer** | **Maximum** | 29.3 | **on** | 22 |
| " | **Minimum** | 16.7 | **on** | 13 |

# RIAN PROTESTANT COLLEGE, BEIRUT, SYRIA.

LAT. 33° 54′ 22″ N.

M GREENWICH 35° 28′ 10″

**Height of Barometer above Sea level** 33.7 meters

" " **Thermometer above the earth** 1.22 "

" " **Rim of Rain Guage above** " 0.36 "

**Hours of observation** 8½ 2½ 8½

| ty of vapour Millimeters | | | Relative Moisture per cent. | | | | Clouds. Clear— 0 Overcast—10 | | | | Direction and force of Wind. 0 — 10 | | | Wind per day. ~~miles~~ Km. | Sea | Rain in 24 hours measured at 8½ A.M. & 8½ P.M. ~~inches~~. mm. | | | Observations and Phenomena |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | | | A.M. | P.M. | Total | |
| 2 | 15.7 | 15.3 | 57 | 54 | 71 | 61 | 5 Cu, Cu Ni | 3 Cu nl | 2 Cu Ni | 3.3 | S1 | WSW3 | W2 | 209.3 | Fran | | | | |
| 6 | 14.0 | 13.8 | 58 | 53 | 68 | 60 | 3 Cu nl | 2 Cu | 1 Cu | 2.0 | SW1 | NW1 | W1 | 119.7 | Calme | | | | |
| | 15.2 | 14.2 | 58 | 57 | 68 | 61 | 0 | 0 | 0 | 0 | 0 | NE1 | NE1 | 250.5 | Fran | | | | |
| 7 | 15.3 | 16.5 | 62 | 63 | 65 | 63 | 0 | 0 | 0 | 0 | 0 | N1 | N1 | 394.9 | Calme | | | | |
| | 15.8 | 16.5 | 72 | 64 | 70 | 69 | 10 Ni Cu | 10 Ni Cu | 1 Cu Ni | 7.0 | N1 | N1 | N1 | 189.6 | Calme | | | | |
| 7 | 15.4 | 15.6 | 69 | 63 | 67 | 66 | 7 Cu Ni | 0 | 1 Cu Ni | 2.7 | N1 | N2 | N2 | 238.2 | Fran | | | | |
| 9 | 19.3 | 17.8 | 71 | 76 | 86 | 78 | 8 Cir Str Cu | 9 Cir Str | 9 Cir Str | 8.7 | N1 | N1 | N2 | 392.2 | Calme | | | | |
| 9 | 17.2 | 17.4 | 72 | 67 | 77 | 72 | 3 Cu nl | 1 Cu | 0 | 1.3 | 0 | N1 | 0 | 155.7 | Calme | | | | |
| 8 | 20.2 | 18.8 | 75 | 61 | 70 | 69 | 2 Cu E | 0 | 0 | .7 | 0 | 0 | 0 | 72.4 | Calme | | | | |
| 8 | 11.4 | 18.2 | 65 | 58 | 54 | 59 | 0 | 0 | 1 Cu | .3 | W1 | NW | NW | 125.2 | Calme | | | | |
| | 15.3 | 19.5 | 69 | 65 | 76 | 70 | 1 Cu | 1 Cu | 1 Cu | 1.0 | 0 | NW | NW1 | 298.1 | Calme | | | | 4 W all night during |
| | 16.7 | 17.8 | 69 | 64 | 78 | 70 | 10 Ni | 2 Cu Ni | 2 Cu Ni | 4.3 | WNW3 | W2 | W1 | 809.7 | Agit | | 3.0 | 3.0 | • 8½ P.m. ⌒ St. all night. |
| 4 | 17.5 | 18.3 | 80 | 60 | 84 | 75 | 10 Ni W | 2 Cu Ni | 8 Cu Ni W | 6.0 | 0 | SW2 | 0 | 195.4 | Calme | 11.7 | 1.2 | 12.9 | 4 N + W + NW during night |
| 2 | 17.9 | 16.4 | 69 | 73 | 74 | 72 | 2 Cu W | 10 Ni | 2 Cu W | 4.3 | SE1 | SE1 | 0 | 109.4 | Calme | | 4.6 | 4.6 | |
| | 14.2 | 14.7 | 74 | 66 | 70 | 69 | | 2 Cu | 2 Cu W | 1.3 | 0 | N1 | N1 | 153.9 | Calme | | | | |
| | 12.5 | 12.4 | 67 | 57 | 60 | 61 | 1 Cu | 0 | 1 Cir Cu | .7 | 0 | N1 | N1 | 149.4 | Calme | 1.3 | | 1.3 | |
| | 12.6 | 11.4 | 65 | 62 | 61 | 63 | 1 Cu | 1 Cu | 4 Str W | 2.0 | E1 | NE1 | N1 | 153.9 | Calme | | | | |
| 2 | 13.7 | 12.0 | 57 | 63 | 66 | 62 | 0 | 1 Cu | 0 | .3 | N2 | NE1 | N2 | 291.3 | Calme | | | | |
| 4 | 15.4 | 14.2 | 63 | 64 | 72 | 66 | 0 | 1 Cu | 1 Cu | .7 | SW1 | NE1 | NNE2 | 230.4 | Calme | | | | |
| | 16.7 | 15.0 | 64 | 69 | 75 | 69 | 0 | 0 | 0 | 0 | 0 | N3 | NNE3 | 399.2 | Agit | | | | |
| | 16.0 | 16.7 | 35 | 57 | 66 | 53 | 0 | 0 | 0 | 0 | E1 | N3 | NE3 | 412.9 | Fran | | | | |
| | 18.0 | 16.5 | 57 | 66 | 85 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | E1 | 138.4 | Calme | | | | |
| 5 | 17.0 | 17.3 | 73 | 76 | 77 | 75 | 1 Cu | 2 Cu | 1 Cu | 1.3 | SE1 | 0 | E1 | 134.4 | Calme | | | | |
| 4 | 14.9 | 15.4 | 41 | 60 | 88 | 63 | 1 Cu & Str | 2 Cu W | 0 | 1.0 | E2 | NE3 | W2 | 271.1 | Fran | | | | |
| | 18.3 | 15.9 | 82 | 69 | 54 | 69 | 6 Cu W | 5 Cu W | 0 | 3.7 | 0 | W3 | E2 | 243.8 | Fran | | | | — |
| | 15.9 | 15.3 | 73 | 73 | 79 | 75 | 7 Cir St & Str W | 10 Cu Ni W | 10 Ni Cu | 9.0 | W2 | W1 | N1 | 157.5 | Calme | | | | ⌒ 5 P.m. 4 S. Cu. |
| | 13.7 | 15.4 | 76 | 72 | 60 | 69 | 8 Cu W | 6 Cu Ni | 1 Cu | 5.0 | 0 | W1 | W1 | 123.1 | Calme | | | | 4 E 2½ P.m. |
| | 13.9 | 14.2 | 66 | 68 | 70 | 68 | 0 | 1 Cu | 0 | .3 | E1 | N1 | NE1 | 107.6 | Calme | | | | |
| | 16.2 | 14.4 | 69 | 60 | 83 | 70 | 0 | 3 Str, Cir Str W | 0 | 1.0 | E1 | NE1 | 0 | 162.9 | Calme | | | | — |
| | 18.2 | 15.4 | 62 | 63 | 92 | 72 | 1 Cir Str | 3 Cir Str S W | 1 Str & Cu | 1.7 | 0 | N1 | W1 | 125.3 | Calme | | | | — N + E + W. Cue |
| | 16.3 | 14.6 | 66 | 59 | 83 | 69 | 10 Cir Str | 5 Cir Str W | 1 Cir Str | 5.3 | WNW1 | W1 | N1 | 120.7 | Calme | | | | 4 NW Cue. |
| | 498.4 | | 2032 | 1974 | 2249 | | 97 | 82 | 50 | | | | | 692.6 | | | | 21.8 | |
| | 16.1 | 15.4 | 65.5 | 63.7 | 72.5 | 67.2 | 3.1 | 2.7 | 1.7 | 2.8 | | | | 223.4 | | | | | |

# METEOROLOGICAL REGISTER OF SYRIAN PROT

LAT. 33° 54′ 2

LONG. E. FROM GREENWIC

Year 1891

Month November.

| Date | Barometer as read. 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | 2½ Attached Thermometer. Cent. | 2½ Barometer Millimeters | 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | Barometer reduced to 0° and sea level. 8½ | 2½ | 8½ | mean | Thermometer Cent. mx. | min. | min. on grass | Solar Black Bulb | Dry Bulb Cent. 8½ | 2½ | 8½ | mean | Wet Bulb Cent. 8½ | 2½ | 8½ | Elasticity of vapour Millimeters 8½ | 2½ | 8½ | mean | 8½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23.6 | 761.1 | 24.4 | 760.8 | 24.1 | 760.6 | 760.9 | 760.5 | 760.3 | 760.6 | 21.3 | 20.9 | 18.6 | 55.7 | 23.6 | 25.7 | 20.7 | 23.2 | 20.3 | 22.2 | 19.4 | 15.4 | 17.1 | 15.7 | [illegible] | 70 |
| 2 | 23.3 | 761.9 | 23.9 | 760.7 | 24.2 | 761.1 | 761.7 | 760.5 | 760.9 | 761.0 | 21.7 | 19.1 | 16.9 | 55.0 | 21.9 | 24.7 | 22.2 | 22.9 | 18.1 | 20.4 | 19.0 | 12.8 | 14.8 | 14.1 | [illegible] | 65 |
| 3 | 23.4 | 762.2 | 24.4 | 762.0 | 24.9 | 762.7 | 762.0 | 761.7 | 762.4 | 762.0 | 21.8 | 21.4 | 19.7 | 60.6 | 25.5 | 28.7 | 25.4 | 26.5 | 17.3 | 20.5 | 19.4 | 10.3 | 12.8 | 12.1 | [illegible] | 41 |
| 4 | 24.1 | 764.1 | 25.0 | 763.5 | 24.7 | 764.0 | 763.8 | 763.1 | 763.7 | 763.5 | 21.4 | 21.4 | 18.8 | 56.4 | 22.9 | 24.9 | 21.8 | 23.2 | 19.4 | 22.8 | 20.3 | 14.2 | 19.0 | 18.4 | [illegible] | 69 |
| 5 | 23.9 | 764.9 | 24.4 | 764.3 | 23.3 | 765.0 | 764.6 | 764.0 | 764.8 | 764.5 | 21.1 | 19.9 | 17.3 | 52.4 | 22.1 | 24.1 | 20.8 | 22.3 | 20.4 | 20.8 | 17.9 | 16.5 | 15.8 | 13.[illegible] | [illegible] | 85 |
| 6 | 22.4 | 765.7 | 23.1 | 765.2 | 22.8 | 765.9 | 765.6 | 765.1 | 765.8 | 765.5 | 21.7 | 19.3 | 17.5 | 56.2 | 21.1 | 24.0 | 21.0 | 22.0 | 17.8 | 18.9 | 17.7 | 13.0 | 18.0 | 12.[illegible] | [illegible] | 69 |
| 7 | 21.6 | 765.2 | 22.4 | 764.2 | 22.4 | 764.7 | 765.2 | 764.1 | 764.6 | 764.6 | 21.4 | 17.7 | 15.8 | 56.1 | 20.4 | 22.5 | 19.9 | 20.9 | 16.3 | 18.8 | 17.4 | 11.3 | 13.6 | 13.[illegible] | [illegible] | 63 |
| 8 | 21.7 | 762.0 | 22.8 | 761.2 | 22.6 | 760.0 | 762.1 | 761.1 | 759.9 | 761.1 | 21.6 | 18.3 | 16.1 | 48.9 | 21.1 | 23.4 | 22.2 | 22.2 | 18.7 | 20.6 | 19.2 | 14.3 | 18.4 | 14.[illegible] | [illegible] | 76 |
| 9 | 21.3 | 760.1 | 20.8 | 758.6 | 20.6 | 759.6 | 760.2 | 758.8 | 759.8 | 759.6 | 22.5 | 17.1 | 15.6 | Cloudy | 18.1 | 18.3 | 17.8 | 18.1 | 17.4 | 17.8 | 16.8 | 14.4 | 14.7 | 13.[illegible] | [illegible] | 93 |
| 10 | 9.7 | 760.7 | 20.0 | 760.1 | 20.1 | 761.9 | 761.0 | 760.8 | 762.2 | 761.3 | 21.1 | 16.6 | 14.4 | 52.4 | 18.0 | 20.6 | 17.9 | 18.8 | 16.1 | 16.1 | 14.4 | 14.5 | 10.8 | 10.[illegible] | [illegible] | 81 |
| 11 | 19.4 | 762.1 | 20.0 | 758.8 | 20.6 | 758.0 | 762.4 | 759.1 | 758.1 | 759.9 | 24.2 | 17.3 | 14.9 | 52.7 | 18.9 | 23.9 | 22.2 | 21.7 | 16.5 | 19.4 | 16.9 | 12.3 | 13.7 | 11.[illegible] | [illegible] | 77 |
| 12 | 20.1 | 764.4 | 20.0 | 760.6 | 20.0 | 762.5 | 760.7 | 76.9 | 762.7 | 764.4 | 23.8 | 17.2 | 15.0 | 50.3 | 20.2 | 21.1 | 18.9 | 20.1 | 16.7 | 17.2 | 17.1 | 11.9 | 12.0 | 13.[illegible] | [illegible] | 68 |
| 13 | 18.9 | 763.4 | 19.4 | 763.2 | 18.5 | 763.6 | 763.8 | 763.6 | 764.0 | 763.8 | 20.8 | 15.6 | 12.7 | 52.9 | 17.8 | 20.3 | 16.1 | 18.1 | 13.9 | 15.1 | 13.1 | 9.6 | 9.8 | 9.4 | [illegible] | 63 |
| 14 | 18.1 | 763.5 | 18.6 | 762.6 | 19.2 | 763.5 | 764.0 | 763.1 | 763.9 | 763.7 | 20.6 | 14.4 | 12.1 | 57.2 | 16.9 | 20.3 | 19.1 | 18.8 | 12.8 | 15.8 | 15.8 | 8.7 | 10.6 | 11.[illegible] | [illegible] | 60 |
| 15 | 18.3 | 763.9 | 19.3 | 763.2 | 19.6 | 763.9 | 764.3 | 763.6 | 764.2 | 764.0 | 20.4 | 15.2 | 12.3 | 51.7 | 17.8 | 20.1 | 20.3 | 19.4 | 14.9 | 16.2 | 16.1 | 10.8 | 11.3 | 11.[illegible] | [illegible] | 72 |
| 16 | 18.9 | 765.0 | 20.0 | 764.[illegible] | 20.9 | 764.7 | [illegible] | 764.4 | 764.8 | 764.9 | 22.8 | 17.2 | 11.4 | 63.9 | 19.1 | 22.7 | 21.8 | 21.3 | 14.1 | 18.5 | 17.9 | 9.1 | 13.0 | [illegible] | [illegible] | 54 |
| 17 | 20.2 | 764.9 | 21.3 | 762.3 | 21.7 | 763.3 | [illegible] | 762.9 | 763.3 | 763.8 | 24.6 | 19.3 | 16.3 | 52.3 | 21.2 | 23.6 | 22.2 | [illegible] | 15.0 | 19.7 | 20.2 | 13.2 | 14.3 | 16.[illegible] | [illegible] | 70 |
| 18 | 21.0 | 762.8 | 22.0 | 762.2 | 21.7 | 762.4 | 762.9 | 762.2 | 762.5 | 762.5 | 24.9 | 18.9 | 15.8 | 43.9 | 20.0 | 23.3 | 20.4 | 21.3 | 17.4 | 19.4 | 19.1 | 13.1 | 14.1 | 14.[illegible] | [illegible] | 75 |
| 19 | 20.9 | 761.0 | 21.2 | 756.9 | 19.5 | 756.3 | 761.2 | 757.0 | 756.6 | 758.3 | 23.4 | 18.3 | 15.7 | 46.1 | 20.2 | 20.8 | 20.4 | 20.5 | 17.4 | 18.3 | 14.9 | 12.9 | 13.8 | 9.5 | [illegible] | 73 |
| 20 | 16.8 | 755.4 | 16.6 | 753.9 | 15.9 | 756.3 | 756.1 | 754.5 | 757.2 | 755.9 | 19.3 | 11.8 | 11.0 | Cloudy | 14.7 | 16.1 | 11.3 | 14.0 | 11.3 | 12.2 | 9.7 | 8.2 | 8.4 | 8.1 | [illegible] | 65 |
| 21 | 14.7 | 755.5 | 15.0 | 759.9 | 14.9 | 762.3 | 759.4 | 760.8 | 763.2 | 761.1 | 15.3 | 9.3 | 7.1 | 45.7 | 10.9 | 9.9 | 15.0 | 11.9 | 9.4 | 10.8 | 10.7 | 8.0 | 7.8 | 7.[illegible] | [illegible] | 81 |
| 22 | 14.4 | 764.[illegible] | 15.8 | 763.8 | 15.8 | 764.9 | 765.0 | 764.6 | 765.7 | 765.1 | 19.7 | 9.9 | 9.0 | 50.2 | 14.3 | 18.9 | 15.0 | 16.1 | 12.6 | 14.8 | 12.2 | 7.6 | 10.0 | 9.2 | [illegible] | [illegible] |
| 23 | 15.1 | [illegible] | 16.2 | 764.7 | 16.7 | 765.5 | 766.4 | 765.4 | 766.2 | 766.0 | 20.3 | 12.9 | 10.6 | 50.0 | 16.0 | 20.0 | 15.7 | 17.2 | 17.1 | 15.1 | 12.9 | 7.6 | 9.9 | 9.4 | [illegible] | 27 |
| 24 | 15.9 | 765.4 | 16.9 | 763.6 | 17.3 | 764.4 | 766.2 | 764.3 | 765.1 | 765.2 | 20.4 | 14.4 | 11.6 | 50.6 | 16.3 | 20.2 | 16.8 | 18.1 | 13.4 | 15.0 | 13.1 | 7.6 | 10.5 | 9.1 | [illegible] | 55 |
| 25 | 16.4 | 765.0 | 17.6 | 763.9 | 17.9 | 764.9 | 765.7 | 764.4 | 765.4 | 765.2 | 20.4 | 14.7 | 12.5 | 43.5 | 15.6 | 19.8 | 18.6 | 18.0 | 14.9 | 15.9 | 15.4 | 8.5 | 11.0 | 11.0 | [illegible] | 64 |
| 26 | 17.4 | 766.4 | 18.1 | 765.8 | 18.4 | 766.7 | 767.0 | 766.3 | 767.2 | 766.8 | 20.4 | 14.8 | 12.7 | 49.3 | 16.8 | 19.6 | 18.8 | 18.4 | 13.0 | 15.5 | 15.4 | 9.0 | 10.6 | 10.7 | [illegible] | 63 |
| 27 | 17.6 | 767.7 | 18.1 | 766.8 | 18.6 | 766.9 | 768.3 | 767.3 | 767.3 | 767.6 | 20.2 | 14.6 | 12.3 | | 17.5 | 19.7 | 18.4 | 18.5 | 13.3 | 14.8 | 11.2 | 9.0 | 9.8 | 11.2 | [illegible] | 61 |
| 28 | 17.6 | 768.1 | 18.1 | 767.2 | 18.3 | 768.2 | 768.7 | 767.6 | 768.7 | 768.1 | 19.9 | 13.7 | 11.4 | | 16.2 | 19.7 | 16.7 | 17.5 | 12.1 | 15.4 | 14.5 | 8.3 | 10.5 | 10.[illegible] | [illegible] | 61 |
| 29 | 17.8 | 767.4 | 18.5 | 767.8 | 18.9 | 766.6 | 768.0 | 766.3 | 767.0 | 767.1 | 20.4 | 14.7 | 12.5 | | 17.0 | 20.0 | 19.4 | 18.8 | 14.2 | 17.2 | 17.3 | 10.4 | 12.7 | 13.2 | [illegible] | 72 |
| 30 | 18.6 | 766.5 | 19.4 | 764.9 | 19.6 | 765.0 | 767.0 | 765.2 | 765.4 | 765.8 | 21.2 | 16.2 | 13.4 | | 18.0 | 20.8 | 18.4 | 19.1 | 15.8 | 18.2 | 16.9 | 11.9 | 13.6 | 13.3 | [illegible] | 78 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sums | | | | | | | 229.47 | 228.832 | 229.028 | | 670.6 | 492.1 | 425.0 | 1236.6 | 56.3 | 64.7 | 75.7 | 43.3 | | | | 334.7 | 382.4 | 361.4 | | 2.045 |
| Means | | | | | | | 763.49 | 762.77 | 763.43 | 763.23 | 22.35 | 16.40 | 14.17 | 57.53 | 18.68 | 21.59 | 19.44 | 19.80 | | | | 11.6 | 12.75 | 12.0[illegible] | [illegible] | 68.2 |

| | | | |
|---|---|---|---|
| **Barometer** | **Maximum** | 768.7 | **on** 28 |
| " | **Minimum** | 754.5 | **on** 20 |
| **Thermometer** | **Maximum** | 29.8 | **on** 3 |
| " | **Minimum** | 9.3 | **on** 21 |

# SYRIAN PROTESTANT COLLEGE, BEIRUT, SYRIA.

LAT. 33° 54′ 22″ N.

FROM GREENWICH 35° 28′ 10″

**Height of Barometer above Sea level** 33.7 meters

" " **Thermometer above the earth** 1.22 "

" " **Rim of Rain Guage above** " 0.36 "

**Hours of observation** 8½ 2½ 8½

| Tenacity of vapour. Millimeters | | | Relative Moisture per cent. | | | | Clouds. Clear—0 Overcast—10 | | | | Direction and force of Wind. 0—10 | | | Wind per day. ~~miles.~~ Km. | Sea | Rain in 24 hours measured at 8½ A.M. & 8½ P.M. ~~inches.~~ mm. | | | Observations and Phenomena |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | | | A.M. | P.M. | Total | |
| 7.4 | 15.7 | 11.1 | 70 | 70 | 86 | 75 | 2 Cu | 2 Cirr, Cirst | 1 Cir Str | 1.7 | W1 | W1 | S.1 | 121.0 | Calme | | | | |
| 4.8 | 14.1 | 13.9 | 65 | 64 | 70 | 66 | 3 Cir Str | 1 Cir Str + Cu | 0 | 1.3 | 0 | E.1 | E.1 | 93.8 | Calme | | | | |
| 2.8 | 12.8 | 12.0 | 41 | 44 | 54 | 46 | 0 | 0 | 0 | 0 | [illegible] | [illegible] | [illegible] | 68.9 | Calme | | | | |
| 9.1 | 18.4 | 17.2 | 69 | 81 | 94 | 81 | 1 Cir Str | 3 Cirst | 1 Str | 1.7 | W1 | NW1 | SE.1 | 93.8 | Calme | | | | |
| 5.8 | 13.3 | 12.8 | 85 | 71 | 73 | 78 | 2 Str | 7 Cu, Ni + Str | 1 Str | 3.3 | S.1 | NW1 | S.1 | 123.6 | Calme | | | | |
| 8.0 | 12.9 | 11.6 | 69 | 57 | 71 | 66 | 3 Cu, Ni | 1 Cu | 9 Cu, Ni | 4.3 | SE.1 | NW1 | 0 | 96.1 | Calm | | | | |
| 3.6 | 13.2 | 12.3 | 63 | 67 | 77 | 69 | 1 Cu, Cirst | 1 Cu, Cirst | 3 Cu, Str | 1.7 | S.1 | NW1 | 0 | 120.5 | Calm | | | | |
| 8.4 | 14.3 | 12.7 | 76 | 74 | 72 | 74 | 6 Cu + Ni | 7 Cu, Ni, Cirst | 2 Cu, Ni | 5.0 | SW1 | NW1 | SW2 | 181.0 | Calm | | | | 4 NW + NW Eve |
| 4.7 | 13.6 | 12.2 | 93 | 94 | 90 | 92 | 10 Ni | 10 Ni | 7 Ni | 9.0 | 0 | S.1 | E.2 | 249.4 | Fresh | 27.9 | 6.4 | 34.3 | |
| 0.8 | 10.1 | 10.1 | 81 | 60 | 66 | 69 | 10 Ni, Cu, Nc | 2 Cu, Cirst | 5 Ni | 5.7 | 0 | NW1 | E.2 | 82.1 | Agit | 8.9 | | 8.9 | |
| 3.7 | 11.2 | 12.4 | 77 | 62 | 56 | 65 | 10 Ni | 4 Cu, Cu Ni | 10 Ni | 8.0 | SE.1 | SW3 | S.4 | 271.9 | Agit | | 3.6 | 3.6 | 4 S + NW night |
| 2.0 | 13.3 | 12.4 | 68 | 65 | 82 | 72 | 6 Ni | 2 Cu, Ni | 10 Ni | 6.1 | SW5 | W4 | NW4 | 409.4 | Agit | 9.7 | | 9.7 | |
| 2.8 | 9.4 | 9.6 | 63 | 55 | 70 | 63 | 1 Cu | 1 Cu | | .7 | E.1 | W1 | S.1 | 57.7 | Fresh | 2.5 | | 2.5 | |
| 0.6 | 11.2 | 12.2 | 60 | 60 | 68 | 63 | 1 Cir Cu | 0 | 0 | .3 | SE.1 | NW2 | NE.2 | 20.7 | Calme | | | | |
| 3.3 | 14.0 | 12.0 | 72 | 64 | 62 | 66 | 0 | 0 | 0 | 0 | E.1 | NE.1 | NE2 | 16.9 | Calme | | | | |
| [illegible] | 9.7 | 11.2 | 54 | 63 | 65 | 61 | 0 | 0 | 0 | 0 | 0 | E.1 | 0 | [illegible] | Calme | | | | |
| 4.3 | 16.0 | 12.5 | 70 | 66 | 80 | 72 | 0 | 0 | 0 | 0 | 1 | NW2 | NE2 | 159.3 | Fresh | | | | |
| 4.1 | 14.2 | 14.1 | 75 | 66 | 84 | 75 | 2 Cir Str | 10 Cirst, Ni | 3 Cu, Ni | 5.0 | S.1 | NW2 | NW2 | 154.5 | Calme | | | | |
| 1.8 | 9.5 | 12.1 | 73 | 75 | 53 | 67 | 3 Cu, Ni | 1 Ni | 5 Ni | 6.0 | S.1 | SW3 | W4 | 371.9 | Agit | | | | 4 S + W Eve • 9 Am |
| 4.4 | 5.1 | 12.2 | 65 | 62 | 81 | 69 | 8 Ni | 10 Ni | 10 Ni | 9.3 | W3 | W4 | NE3 | 616.6 | Agit | 19.0 | 2.5 | 21.5 | 4, 5 S + W + NW + 9 Pm night |
| 1.8 | 7.4 | 7.7 | 81 | 65 | 58 | 68 | 10 Ni | 4 Cu, Cu Ni | 8 Ni | 7.3 | NE.1 | NE.1 | NE1 | 213.5 | Agit | 9.9 | 20. | 11.9 | |
| 1.0 | 9.2 | 8.7 | 63 | 62 | 72 | 66 | 0 | 2 Cu | 0 | .7 | SE.1 | 0 | E.1 | 133.4 | Calme | | | | |
| 9.9 | 9.4 | 9.0 | 57 | 56 | 71 | 62 | 0 | 0 | 0 | 0 | E.1 | NE.1 | 0 | 201.0 | Calme | | | | |
| 5.5 | 9.1 | 9.1 | 55 | 57 | 64 | 59 | 0 | 0 | 0 | 0 | 0 | NE.1 | NE1 | 139.0 | Calme | | | | |
| 0.0 | 11.0 | 10.8 | 64 | 64 | 70 | 66 | 3 Cu, Cu Ni | 5 Cir, Cirst | 10 Ni | 6.0 | SE.2 | N1 | NW2 | 215.3 | Calme | | | | |
| 1.6 | 10.7 | 10.1 | 63 | 61 | 67 | 64 | 1 Cu | 1 Cu | 0 | .7 | SE.1 | N1 | 0 | 233.1 | Calme | | | | |
| 9.8 | 11.2 | 10.0 | 61 | 57 | 72 | 63 | 0 | 0 | 0 | 0 | SE.1 | NE2 | SE.1 | 227.7 | Calme | | | | |
| 5.5 | 10.9 | 9.9 | 61 | 61 | 78 | 67 | 1 Cu | 1 Cir Str | 2 Cu | 1.3 | SE.1 | NW1 | SE.1 | 193.1 | Calme | | | | |
| 7.7 | 13.2 | 12.1 | 72 | 73 | 79 | 75 | 1 Cu | 0 | 3 Cu | 1.3 | SE.1 | NE.1 | NW2 | 176.4 | Calme | | | | |
| 6.6 | 13.3 | 12.9 | 78 | 75 | 84 | 79 | 6 Cu, Ni, Str | 1 Cir Cu, Str | 2 Cu, Str | 3.0 | SE.1 | 0 | SE.1 | 94.6 | Calme | | | | |
| | | | | | | | | | | | | | | | Calme | | | | |
| 4.361.4 | | | 2.45 | 1953 | 2169 | | 92 | 87 | 92 | | | | | 6144.2 | | | | 42.4 | |
| 5.5 | 12.05 | 11.99 | 68.2 | 65.1 | 72.3 | 68.5 | 3.1 | 2.9 | 3.1 | 3.03 | | | | 204.81 | | | | | |

# METEOROLOGICAL REGISTER OF SYRIAN PR

LAT. 33° 54-

LONG. E. FROM GREENW

Year 1891

Month November.

| Date | Barometer as read. 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | 2½ Attached Thermometer. Cent. | 2½ Barometer Millimeters | 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | Barometer reduced to 0° and sea level. 8½ | 2½ | 8½ | mean | Thermometer Cent. max. | min. | min. on grass | Solar Black Bulb. | Dry Bulb Cent. 8½ | 2½ | 8½ | mean | Wet Bulb Cent. 8½ | 2½ | 8½ | Elasticity of vapour Millimeters 8½ | 2½ | 8½ | mean | 8½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23.6 | 761.1 | 24.4 | 760.8 | 24.1 | 760.6 | 760.9 | 760.5 | 760.3 | 760.6 | 26.3 | 20.9 | 18.6 | 55.7 | 23.6 | 25.7 | 20.7 | 23.2 | 20.3 | 22.2 | 19.4 | 15.4 | 17.1 | 15.2 | 16.1 | 7 |
| 2 | 23.3 | 761.9 | 23.9 | 760.7 | 24.2 | 761.1 | 761.7 | 760.5 | 760.9 | 761.0 | 24.7 | 19.1 | 16.9 | 55.0 | 21.9 | 24.7 | 22.2 | 22.9 | 18.1 | 20.4 | 19.0 | 12.8 | 14.8 | 14.1 | 13.9 | 6 |
| 3 | 23.4 | 762.2 | 24.4 | 762.0 | 24.9 | 762.7 | 762.0 | 761.7 | 762.4 | 762.0 | 29.8 | 21.4 | 19.7 | 60.6 | 25.5 | 28.7 | 25.4 | 26.5 | 17.3 | 20.5 | 19.4 | 10.3 | 12.8 | 12.8 | 12.0 | 41 |
| 4 | 24.1 | 764.1 | 25.0 | 763.5 | 24.7 | 764.0 | 763.8 | 763.1 | 763.7 | 763.5 | 26.4 | 21.4 | 18.8 | 56.2 | 22.9 | 24.9 | 21.8 | 23.2 | 19.4 | 22.8 | 20.3 | 14.2 | 19.0 | 18.4 | 17.2 | 69 |
| 5 | 23.9 | 764.9 | 24.4 | 764.3 | 23.3 | 765.0 | 764.6 | 764.0 | 764.8 | 764.5 | 25.1 | 19.9 | 17.3 | 52.4 | 22.1 | 24.1 | 20.8 | 22.3 | 20.4 | 20.8 | 17.9 | 16.5 | 15.8 | 13.3 | 14.9 | 83 |
| 6 | [illegible] | 765.7 | 23.1 | 765.2 | 22.8 | 765.9 | 765.6 | 765.1 | 765.8 | 765.5 | 24.7 | 19.3 | 17.5 | 56.1 | 21.1 | 24.0 | 21.0 | 22.0 | 17.8 | 18.9 | 17.7 | 13.0 | 18.0 | 12.9 | 14.6 | 69 |
| 7 | 21.6 | 765.2 | 22.4 | 764.2 | 22.4 | 764.7 | 765.2 | 764.1 | 764.6 | 764.6 | 23.4 | 17.7 | 15.8 | 56.1 | 20.4 | 22.5 | 19.8 | 20.9 | 16.3 | 18.8 | 17.4 | 11.3 | 13.6 | 13.2 | 12.7 | 63 |
| 8 | 21.7 | 762.0 | 22.8 | 761.2 | 22.6 | 760.0 | 762.1 | 761.1 | 759.9 | 761.0 | 24.6 | 18.3 | 16.1 | 48.9 | 21.1 | 23.4 | 22.2 | 22.2 | 18.7 | 20.6 | 19.2 | 14.3 | 18.4 | 14.3 | 15.7 | 76 |
| 9 | 21.3 | 760.1 | 20.8 | 759.6 | 20.6 | 759.6 | 760.2 | 758.8 | 759.8 | 759.6 | 22.5 | 17.1 | 15.6 | 50.0 | 18.1 | 18.3 | 17.8 | 18.1 | 17.4 | 17.8 | 16.8 | 14.4 | 14.7 | 13.6 | 14.2 | 93 |
| 10 | 19.7 | 760.7 | 20.0 | 760.6 | 20.1 | 761.9 | 761.0 | 760.8 | 762.2 | 761.3 | 21.1 | 16.6 | 14.4 | 52.4 | 18.0 | 20.6 | 17.9 | 18.8 | 16.1 | 16.1 | 14.4 | 14.8 | 10.8 | 10.1 | 11.9 | 80 |
| 11 | 19.4 | 762.1 | 20.0 | 758.9 | 20.6 | 758.0 | 762.4 | 759.1 | 758.1 | 759.9 | 24.2 | 17.3 | 14.9 | 52.7 | 18.9 | 23.9 | 22.2 | 21.7 | 16.5 | 19.4 | 16.9 | 12.3 | 13.7 | 11.2 | 12.4 | 77 |
| 12 | 20.1 | 762.4 | 20.0 | 760.6 | 20.0 | 762.5 | 760.7 | 760.9 | 762.7 | 761.4 | 22.8 | 17.2 | 15.0 | 50.3 | 20.2 | 21.1 | 18.9 | 20.1 | 16.7 | 17.2 | 17.1 | 11.9 | 12.0 | 13.3 | 12.4 | 68 |
| 13 | 18.9 | 763.4 | 19.4 | 763.2 | 18.5 | 763.6 | 763.8 | 763.6 | 764.0 | 763.8 | 20.8 | 15.6 | 12.7 | 52.9 | 17.8 | 20.3 | 16.1 | 18.1 | 13.9 | 15.1 | 13.1 | 9.6 | 9.8 | 9.4 | 9.6 | 63 |
| 14 | 16.1 | 763.5 | 18.6 | 762.6 | 19.2 | 763.5 | 764.0 | 763.1 | 763.9 | 763.7 | 20.6 | 14.4 | 12.1 | 57.2 | 16.9 | 20.3 | 19.1 | 18.8 | 12.8 | 15.8 | 15.8 | 8.7 | 10.6 | 11.2 | 10.2 | 60 |
| 15 | 15.3 | 763.9 | 19.3 | 763.2 | 19.6 | 763.9 | 764.3 | 763.6 | 764.2 | 764.0 | 20.4 | 15.2 | 12.3 | 50.7 | 17.8 | 20.1 | 20.3 | 19.4 | 14.9 | 16.2 | 16.1 | 10.8 | 11.3 | 11.0 | 11.0 | 70 |
| 16 | 18.9 | 765.0 | 20.0 | 764.1 | 20.7 | 764.7 | 765.4 | 764.4 | 764.9 | 764.9 | [illegible] | [illegible] | [illegible] | 53.9 | 19.4 | 22.7 | 21.8 | 21.3 | 14.1 | 18.5 | 17.9 | 9.1 | 13.0 | 12.7 | [illegible] | 54 |
| 17 | 20.2 | 764.9 | 21.3 | 762.8 | 21.7 | 763.3 | 765.1 | 762.9 | 763.3 | 763.8 | 24.6 | 19.3 | 16.3 | 52.3 | 21.2 | 23.6 | 22.2 | 22.3 | 18.0 | 19.7 | 20.2 | 13.2 | 14.3 | 16.0 | [illegible] | 70 |
| 18 | 21.0 | 762.3 | 22.0 | 762.2 | 21.7 | 762.4 | 762.9 | 762.2 | 762.5 | 762.5 | 24.9 | 18.9 | 15.8 | 43.9 | 20.0 | 23.3 | 20.6 | 21.3 | 17.4 | 19.4 | 19.1 | 13.1 | 14.1 | 15.3 | [illegible] | 75 |
| 19 | 20.9 | 761.0 | 21.2 | 756.9 | 19.5 | 756.3 | 761.2 | 757.0 | 756.6 | 758.3 | 23.4 | 18.3 | 15.7 | 46.1 | 20.2 | 20.8 | 20.4 | 20.5 | 17.4 | 18.3 | 14.9 | 12.9 | 13.8 | 9.5 | [illegible] | 73 |
| 20 | 16.8 | 755.4 | 16.6 | 753.9 | 15.9 | 756.3 | 756.1 | 754.5 | 757.2 | 755.9 | 19.3 | 11.8 | 11.0 | Cloudy | 14.7 | 16.1 | 11.3 | 14.0 | 11.3 | 12.2 | 9.7 | 8.2 | 8.4 | 8.1 | [illegible] | 65 |
| 21 | 14.7 | [illegible] | 15.0 | [illegible] | [illegible] | 762.3 | 757.4 | 760.8 | 763.2 | 761.1 | 15.3 | 9.5 | 7.1 | 45.6 | 10.9 | 9.9 | 15.0 | 11.9 | 9.4 | 10.8 | 10.7 | 8.0 | 7.8 | 7.4 | [illegible] | [illegible] |
| 22 | 14.4 | [illegible] | [illegible] | [illegible] | [illegible] | 764.9 | 765.0 | 764.6 | 765.7 | 765.1 | 19.7 | 9.9 | 9.0 | 50.2 | 14.3 | 18.9 | 15.0 | 16.1 | 10.6 | 14.8 | 12.4 | 7.6 | 10.0 | 7.2 | [illegible] | 63 |
| 23 | 15.1 | [illegible] | 16.2 | 764.7 | 14.7 | 765.5 | 764.4 | 765.4 | 766.2 | 766.0 | 20.3 | 12.9 | 10.6 | 50.0 | 16.0 | 20.0 | 15.7 | 17.2 | 11.1 | 15.1 | 12.9 | 7.6 | 9.9 | 9.4 | [illegible] | 57 |
| 24 | 15.9 | [illegible] | 16.9 | 763.4 | 17.3 | [illegible] | 766.2 | 764.3 | 765.9 | 765.2 | 20.4 | 14.4 | 11.6 | 50.6 | 16.3 | 20.2 | 16.8 | 18.1 | 11.4 | 15.6 | 13.1 | 7.6 | 10.5 | 9.1 | [illegible] | 55 |
| 25 | 16.4 | [illegible] | 17.6 | 763.9 | 17.9 | 764.9 | 765.7 | 764.4 | 765.8 | 765.9 | 20.4 | 14.7 | 12.5 | 43.5 | 15.6 | 19.8 | 18.6 | 18.0 | 11.9 | 15.8 | 15.4 | 8.5 | 11.0 | 11.0 | [illegible] | 64 |
| 26 | [illegible] | [illegible] | [illegible] | 765.8 | 18.4 | 766.7 | 767.0 | 766.3 | 767.2 | 766.8 | 20.4 | 14.8 | 12.7 | 49.3 | 16.8 | 19.6 | 18.8 | 18.4 | 13.0 | 15.5 | 15.4 | 9.0 | 10.6 | 10.7 | [illegible] | 63 |
| 27 | 17.6 | 767.7 | 18.4 | 766.8 | 18.6 | 766.9 | 768.3 | 767.3 | 767.3 | 767.6 | 20.2 | 14.6 | 12.3 | | 17.5 | 19.7 | 18.4 | 18.5 | 13.3 | 14.8 | 11.2 | 9.0 | 9.8 | 11.2 | [illegible] | 61 |
| 28 | 17.6 | 767.1 | 18.1 | 767.2 | 18.3 | 767.2 | 768.7 | 767.6 | 768.7 | 768.1 | 19.9 | 13.7 | 11.4 | | 16.2 | 19.7 | 16.7 | 17.5 | 12.1 | 15.4 | 14.5 | 8.3 | 10.5 | 10.9 | [illegible] | 61 |
| 29 | 17.8 | 767.4 | 18.5 | 767.8 | 18.9 | 766.6 | 768.0 | 766.3 | 767.0 | 767.1 | 20.4 | 14.7 | 12.5 | | 17.0 | 20.0 | 18.4 | 18.8 | [illegible] | 17.2 | 17.3 | 10.4 | 12.7 | 13.2 | [illegible] | 72 |
| 30 | 18.6 | 766.5 | 19.4 | 764.9 | 19.6 | 765.0 | 767.0 | 765.2 | 765.4 | 765.8 | 21.2 | 16.2 | 13.4 | | 18.0 | 20.8 | 18.4 | 19.1 | [illegible] | 18.2 | 16.9 | 11.9 | 13.6 | 13.3 | [illegible] | 78 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sums | [illegible] | 22863.2 | [illegible] | 22902.4 | | | 229047 | 228832 | 229028 | | 67.06 | 49.21 | 42.50 | 123.66 | 56.13 | 63.47 | 57.43 | | | | | 334.7 | 332.4 | 361.4 | | 2.40 |
| Means | | | | | | | 763.49 | 762.77 | 763.43 | 763.22 | 22.35 | 16.40 | 14.17 | 51.52 | 18.68 | 21.59 | 19.14 | 19.80 | | | | 11.16 | 12.75 | 12.05 | 11.99 | 68.2 |

| | | | | |
|---|---|---|---|---|
| Barometer | Maximum | 768.7 | on | 28 |
| — | Minimum | 754.5 | on | 20 |
| Thermometer | Maximum | 29.8 | on | 3 |
| " | Minimum | 9.3 | on | 21 |

# IAN PROTESTANT COLLEGE, BEIRUT, SYRIA.

LAT. 33° 54′ 22″ N.

M GREENWICH 35° 28′ 10″

**Height of Barometer above Sea level** 33.7 meters

" " **Thermometer above the earth** 1.22 "

" " **Rim of Rain Guage above** " 0.36 "

**Hours of observation** 8½ 2½ 8½

| of vapour meters | | Relative Moisture per cent. | | | | Clouds. Clear— 0 Overcast—10 | | | | Direction and force of Wind. 0 — 10 | | | Wind per day. miles ~~Km.~~ | Sea | Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. ~~mm.~~ | | | Observations and Phenomena |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | | | A.M. | P.M. | Total | |
| 15.2 | 16.1 | 70 | 70 | 86 | 75 | 2 Cu | 2 Ci Cu, Ci St | 1 Ci St | 1.7 | W1 | W1 | S.1 | 75.2 | Calme | | | | |
| 14.1 | 13.9 | 65 | 64 | 70 | 66 | 3 Ci St | 1 Ci St, Cu | 0 | 1.3 | 0 | E.1 | E.1 | 58.3 | Calme | | | | |
| 12.8 | 12.0 | 41 | 44 | 54 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42.8 | Calme | | | | |
| 18.4 | 17.2 | 69 | 81 | 94 | 81 | 1 Ci St | 3 Ci St | 1 St | 1.7 | W1 | W1 | SE.1 | 58.2 | Calme | | | | |
| 13.3 | 14.2 | 85 | 71 | 73 | 78 | 2 St | 7 Cu, Ci St | 1 St | 3.3 | S.1 | W1 | S.1 | 76.8 | Calme | | | | a |
| 12.9 | 14.6 | 69 | 57 | 71 | 66 | 3 Cu, Ci | 1 Cu | 9 Cu, Ci | 4.3 | SE.1 | W1 | 0 | 59.8 | Calme | | | | a |
| 13.2 | 12.7 | 63 | 67 | 77 | 69 | 1 Cu, Ci St | 1 Cu, Ci St | 3 Cu St | 1.7 | S.1 | W1 | 0 | 74.9 | Calme | | | | |
| 14.3 | 13.7 | 76 | 74 | 72 | 74 | 6 Cu, Ci | 7 Cu, Ci, Ci St | 2 Cu, Ci | 5.0 | SW1 | W1 | SW2 | 112.5 | Calme | | | | ↳ W + W Eve. |
| 13.6 | 14.2 | 93 | 94 | 90 | 92 | 10 Ci | 10 Ci | 7 Ci | 9.0 | 0 | S.1 | E.2 | 155.0 | Fair. | 1.10 | .25 | 1.35 | |
| 10.1 | 11.9 | 80 | 61 | 66 | 69 | 10 Ci, Cu | 2 Cu, Ci St | 5 Ci | 5.7 | 0 | W1 | E.2 | 57.0 | Agit | .35 | | .35 | |
| 11.2 | 12.4 | 77 | 62 | 56 | 65 | 10 Ci | 4 Cu, Cu | 10 Ci | 8.0 | SE.1 | SW3 | SE4 | 169.0 | Agit | | .14 | .14 | ↳ W + S during night |
| 13.3 | 12.4 | 68 | 65 | 82 | 72 | 6 Ci | 2 Cu, Ci | 10 Ci | 6.0 | SW5 | W4 | W4 | 255.0 | Agit | .38 | | .38 | |
| 9.4 | 9.6 | 63 | 55 | 70 | 63 | 1 Cu | 1 Cu | 0 | .7 | E.1 | W1 | S1 | 355.0 | Fair | .10 | | .10 | |
| 11.2 | 10.2 | 60 | 60 | 68 | 63 | 1 Ci Cu | 0 | 0 | .3 | SE.1 | W1 | W2 | 125.0 | Calme | | | | |
| 11.0 | 11.0 | 72 | 64 | 62 | 66 | 0 | 0 | 0 | 0 | E.1 | W1 | W2 | 100.0 | Calme | | | | |
| 12.7 | 12.6 | 54 | 63 | 65 | 61 | 0 | 0 | 0 | 0 | 0 | E.1 | 0 | 105.3 | Calme | | | | |
| 16.0 | 14.5 | 70 | 66 | 81 | 72 | 0 | 0 | 0 | 0 | 0 | W2 | W2 | 99.0 | Fair | | | | |
| 15.2 | 14.1 | 75 | 66 | 84 | 75 | 2 Ci St | 1 Ci St, Ci | 3 Cu, Ci | 5.0 | S1 | W2 | W2 | 96.0 | Calme | | | | |
| 9.5 | 11.1 | 73 | 75 | 53 | 67 | 3 Cu, Ci | 10 Ci | 5 Ci | 6.0 | S.1 | SW3 | W4 | 231.1 | Agit | | | | ↳ S + W Eve. |
| 8.1 | 9.2 | 65 | 62 | 81 | 69 | 8 Ci | 10 Ci | 10 Ci | 9.3 | W3 | W4 | NE3 | 383.0 | Agit | .75 | .05 | .80 | ↳ Rain S + W + W + S during night. |
| 7.4 | 7.7 | 81 | 65 | 58 | 68 | 10 Ci | 4 Cu, Ci | 8 Ci | 7.3 | NE1 | NE1 | NE1 | 132.7 | Agit | .39 | .08 | .47 | |
| 7.2 | 8.9 | 63 | 62 | 72 | 66 | 0 | 2 Cu | 0 | .7 | SE.1 | 0 | E.1 | 82.9 | Calme | | | | |
| 9.4 | 9.0 | 57 | 56 | 71 | 62 | 0 | 0 | 0 | 0 | E.1 | W1 | 0 | 126.2 | Calme | | | | |
| 9.1 | 9.1 | 55 | 59 | 64 | 59 | 0 | 0 | 0 | 0 | 0 | NE1 | NE1 | 86.4 | Calme | | | | |
| 11.0 | 10.2 | 64 | 64 | 70 | 66 | 3 Cu | Cu, Ci St | 10 Ci | 6.0 | SE.2 | W1 | W2 | 133.8 | Calme | | | | |
| 10.7 | 10.1 | 63 | 61 | 67 | 64 | 1 Cu | 1 Cu | 0 | .7 | SE.1 | W1 | 0 | 144.9 | Calme | | | | |
| 11.2 | 10.0 | 61 | 57 | 72 | 63 | 0 | 0 | 0 | 0 | SE.1 | W2 | SE.1 | 141.5 | Calme | | | | |
| 10.9 | 9.9 | 61 | 61 | 78 | 67 | 1 Cu | 1 Ci St | 2 Cu | 1.3 | SE.1 | W1 | SE.1 | 120.0 | Calme | | | | |
| 13.2 | 12.1 | 72 | 73 | 79 | 75 | 1 Cu | 0 | 3 Cu | 1.3 | SE.1 | NE.1 | W2 | 109.6 | Calme | | | | |
| 13.3 | 12.9 | 78 | 75 | 84 | 79 | 6 Cu, Ci St | 1 Ci, Ci St | 2 Cu, St | 3.0 | SE.1 | 0 | SE.1 | 58.8 | Calme | | | | |
| 361.4 | | 2.45 | 1953 | 2169 | | 92 | 87 | 92 | | | | | 3819.7 | | | | 3.57 | |
| 12.05 | 11.99 | 68.2 | 65.1 | 72.3 | 68.5 | 3.1 | 2.9 | 3.1 | 3.03 | | | | 127.32 | | | | | |

# METEOROLOGICAL REGISTER OF SYRIAN PRO

LAT. 33 54 2

LONG. E. FROM GREENWIC

**Year** 1891

**Month** December

| Date | Barometer as read. 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | 2½ Attached Thermometer. Cent. | 2½ Barometer Millimeters | 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | Barometer reduced to 0° and sea level. 8½ | 2½ | 8½ | mean | Thermometer Cent. max. | min. | min. on grass | Solar Black Bulb | Dry Bulb Cent. 8½ | 2½ | 8½ | mean | Wet Bulb Cent. 8½ | 2½ | 8½ | Elasticity of vapour Millimeters 8½ | 2½ | 8½ | mean | 8½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.1 | 764.3 | 20.0 | 763.2 | 19.6 | 763.5 | 764.7 | 763.4 | 763.8 | 764.0 | 21.8 | 16.6 | 14.6 | | 18.0 | 20.7 | 18.3 | 19.0 | 15.9 | 17.7 | 15.8 | 12.0 | 13.0 | 11.8 | 12.3 | 78 |
| 2 | 18.1 | 763.6 | 19.1 | 762.8 | 19.2 | 762.8 | 764.1 | 763.2 | 763.2 | 763.5 | 20.7 | 15.4 | 13.1 | | 17.2 | 20.3 | 17.8 | 18.4 | 13.9 | 16.2 | 14.7 | 9.8 | 11.2 | 10.5 | 10.5 | 67 |
| 3 | 18.3 | 761.7 | 19.1 | 762.3 | 18.9 | 763.3 | 762.2 | 763.7 | 763.7 | 763.2 | 21.3 | 16.5 | 13.1 | | 18.3 | 20.8 | 17.7 | 19.9 | 14.3 | 16.9 | 13.3 | 9.8 | 11.8 | 8.9 | 10.2 | 62 |
| 4 | 18.1 | 764.6 | 19.6 | 764.0 | 19.4 | 764.3 | 765.2 | 764.3 | 764.7 | 764.7 | 21.9 | 16.2 | 13.2 | | 17.3 | 21.5 | 18.9 | 19.2 | 13.8 | 17.3 | 15.7 | 9.7 | 11.9 | 11.3 | 10.9 | 66 |
| 5 | 19.0 | 764.3 | 20.6 | 763.4 | 20.1 | 763.5 | 764.7 | 763.6 | 763.8 | 764.2 | 22.5 | 17.2 | 13.3 | | 18.4 | 22.2 | 19.6 | 20.1 | 16.7 | 20.1 | 18.9 | 12.9 | 15.9 | 15.7 | 14.8 | 82 |
| 6 | 21.1 | 762.5 | 21.7 | 762.2 | 20.7 | 763.3 | 762.6 | 762.2 | 763.5 | 762.8 | 25.7 | 18.8 | 16.2 | | 21.9 | 21.9 | 20.6 | 21.5 | 17.2 | 18.8 | 18.1 | 11.5 | 13.9 | 13.6 | 13.2 | 59 |
| 7 | 20.6 | 762.9 | 21.7 | 762.0 | 21.1 | 762.6 | 763.1 | 762.1 | 762.7 | 762.6 | 24.1 | 19.8 | 16.4 | | 21.9 | 22.1 | 20.8 | 21.6 | 17.1 | 19.3 | 18.8 | 11.5 | 14.6 | 14.6 | 14.2 | 59 |
| 8 | 20.1 | 762.8 | 20.6 | 761.9 | 19.6 | 762.1 | 762.2 | 762.1 | 762.4 | 762.2 | 21.6 | 17.4 | 17.1 | | 18.1 | 20.8 | 17.2 | 18.7 | 17.5 | 17.9 | 15.6 | 14.4 | 13.3 | 12.1 | 13.3 | 93 |
| 9 | 18.5 | 761.6 | 17.8 | 761.7 | 16.8 | 761.5 | 762.0 | 762.2 | 762.2 | 762.1 | 18.1 | 14.0 | 12.8 | | 13.8 | 14.6 | 14.2 | 14.9 | 14.2 | 14.1 | 14.2 | 11.7 | 11.7 | 11.9 | 12.1 | 84 |
| 10 | 16.7 | 761.4 | 17.1 | 760.4 | 16.8 | 761.3 | 762.1 | 761.0 | 762.0 | 761.7 | 18.9 | 13.8 | 11.3 | | 15.7 | 18.7 | 15.0 | 16.5 | 13.8 | 15.5 | 14.2 | 10.5 | 11.1 | 11.6 | 12.1 | 80 |
| 11 | 16.1 | 761.9 | 16.1 | 761.9 | 16.2 | 762.8 | 762.7 | 762.7 | 763.6 | 763.0 | 17.2 | 13.2 | 11.4 | | 14.5 | 15.4 | 15.0 | 15.0 | 13.2 | 14.1 | 12.5 | 10.5 | 11.0 | 9.3 | 10.3 | 85 |
| 12 | 15.4 | 763.0 | 15.5 | 762.4 | 15.7 | 762.9 | 763.9 | 763.3 | 763.7 | 763.8 | 17.1 | 13.3 | 11.1 | | 13.6 | 14.7 | 15.6 | 14.6 | 11.8 | 14.7 | 13.3 | 9.3 | 11.3 | 10.0 | 10.2 | 80 |
| 13 | 15.3 | 761.5 | 15.6 | 760.3 | 15.6 | 760.1 | 762.4 | 761.1 | 760.9 | 761.5 | 17.3 | 13.3 | 11.4 | | 15.6 | 14.8 | 13.1 | 14.5 | 12.9 | 13.2 | 11.9 | 9.5 | 10.3 | 9.7 | 9.8 | 72 |
| 14 | 14.8 | 761.3 | 15.2 | 762.2 | 15.0 | 763.7 | 762.3 | 763.1 | 764.6 | 763.2 | 16.9 | 14.0 | 10.1 | | 15.3 | 16.3 | 12.9 | 14.8 | 11.4 | 12.0 | 9.5 | 8.0 | 8.2 | 7.1 | 7.8 | 62 |
| 15 | 14.2 | 764.0 | 15.6 | 763.4 | 15.2 | 762.3 | 765.0 | 764.2 | 763.2 | 764.1 | 19.1 | 12.7 | 10.9 | | 13.9 | 18.0 | 15.6 | 15.8 | 11.2 | 14.0 | 11.9 | 8.4 | 9.6 | 8.4 | 8.8 | 71 |
| 16 | 15.0 | 759.1 | 16.1 | 756.4 | 15.7 | 759.3 | 760.0 | 757.2 | 755.1 | 757.4 | 19.4 | 13.6 | 11.7 | | 16.4 | 18.3 | 14.4 | 16.4 | 11.9 | 13.7 | 13.6 | 8.0 | 9.1 | 11.0 | 9.8 | 58 |
| 17 | 14.1 | 755.4 | 14.7 | 757.3 | 14.4 | 760.4 | 756.5 | 758.3 | 761.4 | 758.7 | 16.4 | 9.8 | 7.9 | | 14.6 | 16.1 | 14.2 | 15.0 | 10.6 | 11.2 | 12.0 | 7.5 | 7.4 | 8.6 | 7.7 | 60 |
| 18 | 14.1 | 764.2 | 14.9 | 764.2 | 15.1 | 764.7 | 765.3 | 765.1 | 765.6 | 765.3 | 19.2 | 11.1 | 10.3 | | 14.3 | 16.6 | 14.4 | 15.1 | 11.4 | 13.9 | 11.9 | 8.5 | 10.2 | 9.0 | 9.2 | 70 |
| 19 | 14.4 | 763.5 | 15.3 | 761.9 | 15.4 | 761.6 | 764.5 | 762.8 | 762.5 | 764.6 | 19.9 | 13.4 | 10.6 | | 15.2 | 19.1 | 15.6 | 16.6 | 12.3 | 13.9 | 11.4 | 9.0 | 9.0 | 7.9 | 8.3 | 70 |
| 20 | 14.7 | 762.4 | 15.5 | 762.2 | 15.7 | 763.7 | 762.9 | 763.0 | 764.6 | 763.5 | 19.8 | 13.8 | 11.4 | | 15.8 | 19.4 | 15.0 | 17.4 | 11.9 | 15.3 | 12.8 | 8.3 | 10.5 | 9.7 | 9.1 | 62 |
| 21 | 15.1 | 765.7 | 15.3 | 765.5 | 15.6 | 766.6 | 766.6 | 766.4 | 767.4 | 766.8 | 19.9 | 13.3 | 10.9 | | 15.3 | 18.9 | 15.8 | 16.7 | 11.4 | 14.3 | 13.4 | 8.0 | 9.5 | 10.0 | 9.2 | 63 |
| 22 | 15.4 | 765.6 | 15.6 | 764.7 | 15.6 | 763.7 | 766.4 | 765.5 | 764.6 | 765.5 | 16.8 | 14.4 | 11.4 | | 15.4 | 16.3 | 14.9 | 15.5 | 13.8 | 13.2 | 12.5 | 10.7 | 9.4 | 9.3 | 9.8 | 82 |
| 23 | 14.7 | 759.0 | 14.3 | 759.1 | 13.7 | 760.4 | 759.9 | 760.1 | 760.5 | 760.5 | 16.2 | 10.2 | 9.7 | | 15.3 | 12.6 | 11.2 | 13.0 | 11.8 | 9.4 | 7.6 | 8.4 | 7.2 | 6.1 | 7.6 | 66 |
| 24 | 12.5 | 759.7 | 12.2 | 754.3 | 11.9 | 756.8 | 761.0 | 755.6 | 758.1 | 758.2 | 12.4 | 8.4 | 5.7 | | 8.8 | 11.2 | 9.4 | 9.8 | 7.4 | 10.1 | 8.1 | 7.0 | 8.5 | 7.3 | 7.7 | 83 |
| 25 | 10.8 | 758.3 | 10.6 | 759.5 | 10.1 | 762.6 | 759.8 | 761.0 | 764.2 | 761.7 | 10.7 | 5.4 | 3.4 | | 6.6 | 8.5 | 5.6 | 6.9 | 5.6 | 6.4 | 4.9 | 6.2 | 6.4 | 6.2 | 6.3 | 84 |
| 26 | 9.9 | 767.2 | 10.4 | 767.8 | 11.1 | 769.5 | 768.8 | 769.3 | 770.9 | 769.7 | 13.9 | 3.8 | 3.4 | | 11.9 | 13.2 | 9.8 | 11.6 | 8.4 | 8.9 | 6.8 | 6.5 | 6.5 | 5.9 | 6.2 | 62 |
| 27 | 11.0 | 771.5 | 11.6 | 770.8 | 12.2 | 771.9 | 773.0 | 772.2 | 773.2 | 772.8 | 15.0 | 9.3 | 6.8 | | 13.2 | 14.2 | 10.8 | 12.7 | 10.0 | 10.1 | 8.3 | 7.5 | 7.2 | 6.8 | 7.1 | 66 |
| 28 | 11.2 | 772.8 | 12.4 | 771.4 | 12.5 | 771.8 | 774.0 | 772.7 | 773.1 | 773.3 | 16.2 | 9.1 | 6.7 | | 10.6 | 14.8 | 11.1 | 12.2 | 7.9 | 11.7 | 9.2 | 6.6 | 8.5 | 7.6 | 7.1 | 70 |
| 29 | 11.8 | 770.2 | 13.0 | 768.1 | 13.1 | 767.2 | 771.5 | 769.3 | 768.4 | 769.7 | 16.1 | 9.8 | 7.6 | | 11.1 | 15.3 | 11.6 | 12.7 | 7.8 | 11.2 | 9.4 | 6.3 | 7.8 | 7.6 | 7.1 | 65 |
| 30 | 12.2 | 763.9 | 13.2 | 760.4 | 13.1 | 757.6 | 765.4 | 761.6 | 758.8 | 761.9 | 15.8 | 9.4 | 6.9 | | 11.7 | 15.3 | 13.4 | 13.5 | 7.8 | 10.9 | 10.8 | 6.0 | 7.5 | 8.3 | 7.1 | 59 |
| 31 | 12.8 | 757.4 | 13.1 | 756.7 | 13.1 | 755.9 | 758.4 | 757.3 | 756.7 | 757.5 | 16.2 | 10.5 | 7.8 | | 12.2 | 13.9 | 12.4 | 12.8 | 10.9 | 12.7 | 11.3 | 8.9 | 10.2 | 9.3 | 9.1 | 84 |
| Sums | | | | | | | 236835 | 236596 | 236741 | | 568.1 | 397.4 | 328.5 | | 464.2 | 526.0 | 457.9 | | | | | 282.9 | 304.6 | 297.1 | | 2204.2 |
| Means | | | | | | | 763.99 | 763.21 | 763.68 | 763.63 | 18.33 | 12.82 | 10.60 | | 14.98 | 16.97 | 14.78 | 15.51 | | | | 9.13 | 9.83 | 9.58 | 9.5 | 71.1 |

| | | | | |
|---|---|---|---|---|
| **Barometer** | **Maximum** | 774.0 | **on** | 28 |
| " | **Minimum** | 755.1 | **on** | 16 |
| **Thermometer** | **Maximum** | 25.7 | **on** | 6 |
| " | **Minimum** | 3.8 | **on** | 26 |

# RIAN PROTESTANT COLLEGE, BEIRUT, SYRIA.

LAT. 33° 54′ 22″ N.

M GREENWICH 35° 28′ 10″

**Height of Barometer above Sea level** 33.7 meters

" " **Thermometer above the earth** 1.22 "

" " **Rim of Rain Guage above** " 0.36 "

**Hours of observation** 8½ 2½ 8½

| ty of vapour limeters 8½ | mean | Relative Moisture per cent. 8½ | 2½ | 8½ | mean | Clouds. Clear— 0 Overcast—10 8½ | 2½ | 8½ | mean | Direction and force of Wind. 0 — 10 8½ | 2½ | 8½ | Wind per day. miles ~~Kim.~~ | Sea | Rain in 24 hours measured at 8½ A.M. & 8½ P.M. inches. ~~mm.~~ A.M. | P.M. | Total | Observations and Phenomena |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11.8 | 12.3 | 78 | 72 | 76 | 75 | 5 Cir Str | 6 Cir St, Cu | 3 Cu fr | 4.7 | SE.1 | NW1 | 0 | 81.6 | Calme | | | | |
| 10.5 | 10.5 | 67 | 63 | 69 | 66 | 2 Cu, Cir St | 1 Cu | 0 | 1.0 | E.1 | N1 | E.1 | 113.1 | Calme | | | | |
| 8.9 | 10.2 | 62 | 64 | 59 | 62 | 10 Cir St | 8 Cir St | 0 | 6.0 | 0 | 0 | S.1 | 57.4 | Calme | | | | |
| 11.3 | 11.0 | 66 | 62 | 70 | 66 | 2 Cir St | 3 Ci, Cir St | 1 Cu | 2.0 | 0 | NE2 | E.1 | 92.9 | Calme | | | | |
| 15.7 | 14.8 | 82 | 80 | 63 | 75 | 10 Cir St | 3 Cir St | 1 Cu St | 4.7 | S.1 | 0 | 0 | 55.1 | Calme | | | | |
| 13.6 | 13.0 | 59 | 70 | 76 | 68 | 6 Ci | 10 Ci Cu W | 10 Ci | 10.0 | SE.1 | ENE4 | NE2 | 16.3 | Light | | | | 4 NW 8 A.M. & Eve |
| 14.6 | 14.6 | 59 | 74 | 80 | 71 | 7 Cu, Cu St W | 10 Ci W | 10 Ci | 9.0 | SE.1 | NE1 | W2 | 74.7 | Calme | ·05 | | ·05 | |
| 12.1 | 13.3 | 93 | 73 | 84 | 83 | 10 Ci | 3 Cu | 2 Cu | 5.0 | W3 | 0 | SE.1 | 126.6 | Calme | ·23 | ·23 | ·23 | |
| 11.9 | 11.9 | 84 | 94 | 76 | 85 | 10 Ci | 10 Ci | 2 Cu | 7.3 | S.1 | SSE1 | SSE1 | 127.1 | Calme | ·57 | ·31 | ·88 | |
| 11.6 | 11.9 | 80 | 70 | 92 | 81 | 10 Ci | 9 Ci, Cu St | 10 Ci | 9.7 | S.1 | SW1 | SE.1 | 86.1 | Calm | ·23 | ·04 | ·27 | — 8½ A.M. |
| 9.3 | 10.3 | 85 | 95 | 74 | 81 | 3 Cu Ci, Cu | 5 Cu St, Ci W | 8 Cu S W | 6.0 | S.1 | E.1 | 0 | 84.7 | Calme | ·75 | ·34 | 1.09 | |
| 10.0 | 10.2 | 80 | 91 | 76 | 82 | 10 Ci | 10 Ci | 10 Ci | 10.0 | S.1 | 0 | 0 | 49.1 | Calme | ·17 | ·15 | ·32 | 4 W 8½ P.M. |
| 9.7 | 9.8 | 72 | 82 | 86 | 80 | 5 Ci Cu | 10 Ci | 3 Cu Ci | 6.0 | W2 | 0 | S1 | 100.6 | Calme | ·10 | ·25 | ·35 | |
| 7.1 | 7.8 | 62 | 58 | 64 | 61 | 4 Cu Ci | 8 Cu Ci W | 3 Cu W | 5.0 | NW2 | NE.1 | S2 | 147.2 | Fran | 1.06 | | 1.06 | |
| 8.4 | 8.9 | 71 | 62 | 64 | 66 | 5 Cu, Cu St W | 2 Cu W | 10 Cu Ci | 5.7 | SE.1 | SW2 | S.1 | 111.4 | Calme | | | | |
| 11.0 | 9.4 | 38 | 57 | 89 | 68 | 5 Cir St, Cu St | 5 W Cir St SW | 10 Ci | 8.0 | SE.3 | SW4 | SW5 | 328.0 | Agit | | | | |
| 8.6 | 7.2 | 60 | 55 | 67 | 61 | 10 Ci | 3 Ci | 5 Cu Ci | 6.0 | W5 | W4 | W3 | 392.4 | Agit | 1.80 | ·15 | 1.95 | |
| 9.0 | 9.1 | 70 | 73 | 74 | 72 | 10 Ci S | 5 Ci, Cu St SW | 0 | 5.0 | SSE2 | S.1 | S.1 | 152.6 | Fran | ·03 | ·02 | ·05 | |
| 7.9 | 8.2 | 70 | 54 | 60 | 61 | 3 Cir St | 10 Cir St | 0 | 4.3 | 0 | 0 | S.1 | 48.8 | Calme | | | | |
| 9.7 | 9.7 | 62 | 62 | 76 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | S.1 | 55.5 | Calme | | | | |
| 10.0 | 9.2 | 63 | 59 | 75 | 66 | 7 Cir St | 10 Cir St | 10 Ci | 9.0 | SE.1 | W2 | S.1 | 101.4 | Fran | | | | 0 halo |
| 9.3 | 9.1 | 82 | 69 | 74 | 75 | 10 Ci | 10 Ci | 10 Ci | 10.0 | SW2 | W1 | WNW1 | 100.2 | Fran | ·03 | ·04 | ·07 | |
| 6.1 | 7.2 | 66 | 67 | 62 | 65 | 10 Ci | 5 Ci, Cu St | 3 Cu Ci | 6.0 | W5 | W3 | NE2 | 344.8 | Agit | ·06 | ·02 | ·08 | |
| 7.3 | 7.1 | 83 | 86 | 83 | 84 | 7 Ci | 5 Ci | 10 Ci | 7.3 | E.2 | W5 | NNE | 229.6 | Agit | ·12 | ·42 | ·54 | — 2½ P.M. |
| 6.2 | 6.3 | 84 | 77 | 91 | 84 | 10 Ci | 10 Ci | 10 Ci | 10.0 | S2 | 0 | S1 | 150.4 | Agit | ·17 | ·04 | ·21 | |
| 5.9 | 6.3 | 62 | 57 | 66 | 62 | 7 Cu Ci | 5 Cu Ci W | 1 Cu Ci | 4.3 | NE2 | NE2 | E.2 | 305.9 | Agit | ·22 | | ·22 | |
| 6.8 | 7.2 | 66 | 60 | 71 | 66 | 5 Cu Ci | 1 Cu | 0 | 2.0 | NE2 | NE1 | NNE1 | 141.9 | Calme | | | | — 7h 20m A.M. |
| 7.6 | 7.2 | 70 | 67 | 77 | 71 | 1 Cu | 1 Cu, Cir St | 0 | .7 | SE.1 | N1 | S.1 | 92.8 | Calme | | | | |
| 7.6 | 7.2 | 65 | 60 | 74 | 66 | 0 | 1 Cu | 0 | .3 | E.1 | 0 | S.1 | 84.2 | Calme | | | | |
| 8.3 | 7.3 | 59 | 58 | 72 | 63 | 1 Cir St | 7 Cir St | 10 Cir St | 6.0 | SE.1 | NW1 | 0 | 79.5 | Calme | | | | |
| 9.3 | 9.1 | 84 | 86 | 87 | 86 | 10 Ci | 10 Ci | 10 Ci | 10.0 | SW2 | SW3 | SW2 | 225.0 | Light | ·62 | ·03 | ·65 | |
| 297.1 | | 224 | 2147 | 2317 | | 199 | 192 | 143 | | | | | 4238.9 | | | | 8.02 | |
| 9.58 | 9.5 | 71.1 | 69.3 | 74.8 | 71.7 | 6.4 | 6.2 | 4.6 | 5.7 | | | | 136.7 | | | | | |

# METEOROLOGICAL REGISTER OF SYRIAN PRO

LAT. 33° 54′ 2

LONG. E. FROM GREENWIC

**Year** 189

**Month** December

| Date | Barometer as read. 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | 2½ Attached Thermometer. Cent. | 2½ Barometer Millimeters | 8½ Attached Thermometer. Cent. | 8½ Barometer Millimeters | Barometer reduced to 0° and sea level. 8½ | 2½ | 8½ | mean | Thermometer Cent. max. | min. | min. on grass | Solar Black Bulb | Dry Bulb Cent. 8½ | 2½ | 8½ | mean | Wet Bulb Cent. 8½ | 2½ | 8½ | Elasticity of vapour Millimeters 8½ | 2½ | 8½ | mean | 8½ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.1 | 764.3 | 20.0 | 763.2 | 19.6 | 763.5 | 763.7 | 763.4 | 763.8 | 764.0 | 21.8 | 16.6 | 14.6 | | 18.0 | 20.7 | 18.3 | 19.0 | 15.9 | 17.7 | 15.8 | 12.0 | 13.0 | 11.8 | 12.3 | 78 |
| 2 | 18.1 | 763.6 | 19.1 | 762.8 | 19.2 | 762.8 | 764.1 | 763.2 | 763.2 | 763.5 | 20.7 | 15.4 | 13.1 | | 17.2 | 17.3 | 17.8 | 18.4 | 13.9 | 16.2 | 14.7 | 9.8 | 11.2 | 10.5 | 10.5 | 67 |
| 3 | 18.3 | 761.7 | 19.1 | 762.3 | 18.9 | 763.3 | 762.2 | 763.7 | 763.7 | 763.2 | 21.3 | 16.5 | 13.1 | | 18.3 | 20.7 | 17.7 | 18.9 | 14.3 | 16.9 | 13.3 | 9.8 | 11.8 | 8.9 | 10.2 | 62 |
| 4 | 18.1 | 764.6 | 19.6 | 764.0 | 19.4 | 764.3 | 765.2 | 764.3 | 764.7 | 764.7 | 21.9 | 16.0 | 13.2 | | 17.3 | 21.5 | 18.9 | 19.2 | 13.8 | 17.3 | 15.7 | 9.7 | 11.9 | 11.3 | 11.0 | 66 |
| 5 | 19.0 | 764.3 | 20.6 | 763.4 | 20.1 | 763.5 | 764.7 | 763.6 | 763.8 | 764.0 | 22.5 | 17.2 | 13.3 | | 18.4 | 22.2 | 19.6 | 20.1 | 16.7 | 20.1 | 18.9 | 12.9 | 15.9 | 15.7 | 14.8 | 82 |
| 6 | 21.1 | 762.5 | 21.7 | 762.1 | 20.7 | 763.3 | 762.6 | 762.2 | 763.5 | 762.8 | 25.7 | 18.8 | 16.2 | | 21.9 | 21.9 | 20.6 | 21.5 | 17.2 | 18.8 | 18.1 | 11.5 | 13.9 | 13.6 | 13.0 | 59 |
| 7 | 20.6 | 762.9 | 21.7 | 762.0 | 21.1 | 762.6 | 763.1 | 762.1 | 762.7 | 762.6 | 24.1 | 19.8 | 16.4 | | 21.9 | 22.1 | 20.8 | 21.6 | 17.1 | 19.3 | 18.8 | 11.5 | 14.6 | 14.6 | 13.6 | 59 |
| 8 | 20.1 | 762.0 | 20.6 | 761.9 | 19.6 | 762.1 | 762.2 | 762.1 | 762.4 | 762.2 | 21.6 | 17.4 | 17.1 | | 18.1 | 20.8 | 17.2 | 18.7 | 17.5 | 17.9 | 15.6 | 14.4 | 13.3 | 12.1 | 13.3 | 93 |
| 9 | 18.5 | 761.6 | 17.8 | 761.7 | 16.8 | 761.5 | 762.0 | 762.2 | 762.2 | 762.1 | 18.1 | 14.0 | 12.8 | | 15.8 | 14.6 | 14.2 | 14.9 | 14.2 | 14.1 | 14.2 | 11.7 | 11.7 | 11.9 | 11.8 | 84 |
| 10 | 16.7 | 761.4 | 17.1 | 760.4 | 16.8 | 761.3 | 762.1 | 761.0 | 762.0 | 761.7 | 18.9 | 13.8 | 11.3 | | 15.7 | 18.7 | 15.0 | 16.5 | 13.8 | 15.5 | 14.2 | 10.5 | 11.1 | 11.6 | 11.1 | 80 |
| 11 | 16.1 | 761.9 | 16.1 | 761.9 | 16.2 | 762.8 | 762.7 | 762.7 | 763.6 | 763.0 | 17.2 | 13.2 | 11.4 | | 14.5 | 15.4 | 15.0 | 15.0 | 13.2 | 14.1 | 12.8 | 10.5 | 11.0 | 9.3 | 10.3 | 85 |
| 12 | 15.4 | 763.0 | 15.5 | 762.4 | 15.7 | 762.9 | 763.9 | 763.3 | 763.7 | 763.8 | 17.1 | 13.3 | 11.1 | | 13.6 | 14.7 | 15.6 | 14.6 | 11.8 | 14.7 | 13.3 | 9.3 | 11.3 | 10.0 | 10.9 | 80 |
| 13 | 15.3 | 761.5 | 15.6 | 762.3 | 15.6 | 762.1 | 762.4 | 761.1 | 760.9 | 761.5 | 17.3 | 13.3 | 11.4 | | 15.6 | 14.8 | 13.1 | 14.5 | 12.9 | 13.2 | 11.9 | 9.5 | 10.3 | 9.7 | 9.8 | 72 |
| 14 | 14.8 | 761.3 | 15.2 | 762.2 | 15.0 | 763.7 | 762.3 | 763.1 | 764.6 | 763.2 | 16.9 | 14.0 | 10.1 | | 15.6 | 16.3 | 12.9 | 14.8 | 11.4 | 12.0 | 9.5 | 8.0 | 8.2 | 7.9 | 7.8 | 62 |
| 15 | 14.2 | 764.0 | 15.6 | 763.4 | 15.2 | 762.3 | 765.0 | 764.2 | 763.2 | 764.1 | 19.1 | 12.7 | 10.2 | | 13.9 | 18.0 | 15.6 | 15.8 | 11.2 | 14.0 | 11.9 | 8.4 | 9.6 | 8.4 | 8.9 | 71 |
| 16 | 15.0 | 754.1 | 16.1 | 754.2 | 15.7 | 754.3 | 760.0 | 758.2 | 755.1 | 757.4 | 19.4 | 13.6 | 11.7 | | 16.4 | 18.3 | 14.4 | 16.4 | 11.9 | 13.7 | 13.6 | 6.0 | 9.1 | 10.0 | 7.4 | 58 |
| 17 | 14.1 | 755.4 | 14.7 | 757.3 | 14.4 | 760.4 | 756.5 | 758.3 | 761.4 | 758.7 | 16.4 | 9.8 | 7.9 | | 14.6 | 16.1 | 14.2 | 15.0 | 10.6 | 14.2 | 12.0 | 7.5 | 7.4 | 8.6 | 7.8 | 60 |
| 18 | 14.1 | 764.2 | 14.9 | 764.2 | 15.1 | 764.7 | 765.3 | 765.1 | 765.6 | 765.3 | 19.2 | 11.1 | 10.3 | | 14.3 | 16.6 | 14.4 | 15.1 | 11.4 | 13.9 | 11.9 | 8.5 | 10.2 | 9.0 | 9.2 | 70 |
| 19 | 14.4 | 763.5 | 15.3 | 761.9 | 15.4 | 761.6 | 764.5 | 762.8 | 762.5 | 764.6 | 19.9 | 13.4 | 10.6 | | 15.2 | 19.1 | 15.6 | 16.6 | 12.3 | 13.9 | 11.4 | 9.0 | 9.0 | 7.9 | 8.6 | 70 |
| 20 | 14.7 | 762.0 | 15.5 | 762.2 | 15.7 | 763.7 | 762.9 | 763.0 | 764.6 | 763.5 | 19.8 | 13.8 | 11.4 | | 15.8 | 19.4 | 15.0 | 17.4 | 11.9 | 15.3 | 12.8 | 8.3 | 10.5 | 9.7 | 9.5 | 62 |
| 21 | 15.1 | 765.7 | 15.3 | 765.5 | 15.6 | 766.6 | 766.6 | 766.4 | 767.4 | 766.8 | 19.9 | 13.3 | 10.9 | | 15.3 | 18.9 | 15.8 | 16.9 | 11.4 | 14.3 | 13.4 | 8.0 | 9.5 | 10.0 | 9.2 | 63 |
| 22 | 15.4 | 765.6 | 15.6 | 764.7 | 15.6 | 763.7 | 766.4 | 765.5 | 764.6 | 765.5 | 16.8 | 14.4 | 11.4 | | 15.4 | 16.3 | 14.9 | 15.5 | 13.8 | 13.2 | 12.5 | 10.7 | 9.4 | 9.3 | 9.8 | 82 |
| 23 | 14.7 | 759.0 | 14.3 | 759.1 | 13.7 | 760.4 | 759.9 | 761.0 | 761.5 | 761.5 | 16.2 | 10.2 | 9.5 | | 15.3 | 12.6 | 11.2 | 13.9 | 11.8 | 9.4 | 7.6 | 8.4 | 7.2 | 6.7 | 7.2 | 66 |
| 24 | 12.5 | 757.7 | 12.2 | 754.3 | 11.9 | 756.8 | 761.0 | 755.6 | 758.1 | 758.2 | 12.4 | 8.4 | 5.7 | | 8.8 | 11.2 | 9.4 | 9.8 | 7.4 | 10.1 | 8.1 | 7.0 | 8.5 | 7.3 | 7.6 | 83 |
| 25 | 10.8 | 758.3 | 10.6 | 759.5 | 10.1 | 762.6 | 759.8 | 761.0 | 764.2 | 761.7 | 10.7 | 5.4 | 3.4 | | 6.6 | 8.5 | 5.6 | 6.9 | 5.6 | 6.4 | 4.9 | 6.2 | 6.4 | 6.2 | 6.3 | 84 |
| 26 | 9.9 | 767.2 | 10.4 | 767.8 | 11.1 | 769.5 | 768.8 | 769.3 | 770.9 | 769.7 | 13.9 | 3.8 | 3.4 | | 11.9 | 13.2 | 9.8 | 11.6 | 8.4 | 8.9 | 6.8 | 6.5 | 6.5 | 5.9 | 6.3 | 62 |
| 27 | 11.1 | 771.5 | 11.6 | 770.8 | 12.2 | 771.9 | 773.0 | 772.2 | 773.2 | 772.8 | 15.0 | 9.3 | 6.8 | | 13.2 | 14.2 | 10.8 | 12.7 | 10.0 | 10.1 | 8.3 | 7.5 | 7.2 | 6.8 | 7.2 | 66 |
| 28 | 11.2 | 772.8 | 12.4 | 771.4 | 12.5 | 771.8 | 774.0 | 772.7 | 773.1 | 773.3 | 16.2 | 9.1 | 6.7 | | 10.6 | 14.8 | 11.1 | 12.2 | 7.9 | 11.7 | 9.2 | 6.6 | 8.5 | 7.6 | 7.6 | 70 |
| 29 | 11.8 | 770.2 | 13.0 | 768.7 | 13.1 | 767.2 | 771.5 | 769.3 | 768.4 | 769.7 | 16.1 | 9.8 | 7.6 | | 11.1 | 15.3 | 11.6 | 12.7 | 7.8 | 11.2 | 9.4 | 6.3 | 7.8 | 7.6 | 7.2 | 65 |
| 30 | 12.2 | 763.9 | 13.2 | 760.4 | 13.1 | 757.6 | 765.4 | 761.6 | 758.8 | 761.9 | 15.8 | 9.4 | 6.9 | | 11.7 | 15.3 | 13.4 | 13.5 | 7.8 | 10.9 | 10.8 | 6.0 | 7.5 | 8.3 | 7.3 | 59 |
| 31 | 12.8 | 757.4 | 13.1 | 756.1 | 13.1 | 755.5 | 758.4 | 757.3 | 756.7 | 757.5 | 16.2 | 10.5 | 7.8 | | 12.2 | 13.9 | 12.4 | 12.8 | 10.9 | 12.7 | 11.3 | 8.9 | 10.2 | 9.3 | 9.5 | 84 |
| Sums | | | | | | | 236835 | 236576 | 236741 | | 568.13 | 397.43 | 285 | | 464.2 | 526.0 | 451.9 | | | | | 282.9 | 304.6 | 297.1 | | 220.4 |
| Means | | | | | | | 763.99 | 763.21 | 763.68 | 763.63 | 18.33 | 12.82 | 10.60 | | 14.98 | 16.97 | 14.58 | 15.51 | | | | 9.13 | 9.83 | 9.58 | 9.51 | 71.1 |

| | | | | |
|---|---|---|---|---|
| **Barometer** | **Maximum** | 774.0 | **on** | 28 |
| " | **Minimum** | 755.1 | **on** | 16 |
| **Thermometer** | **Maximum** | 25.7 | **on** | 6 |
| " | **Minimum** | 3.8 | **on** | 26 |

# SYRIAN PROTESTANT COLLEGE, BEIRUT, SYRIA.

LAT. 33° 54′ 22″ N.

FROM GREENWICH 35° 28′ 10″

**Height of Barometer above Sea level** 33.7 meters

" " **Thermometer above the earth** 1.22 "

" " **Rim of Rain Gauge above** " 0.36 "

**Hours of observation** 8½ 2½ 8½

| Elasticity of vapour Millimeters | | | Relative Moisture per cent. | | | | Clouds. Clear— 0 Overcast—10 | | | | Direction and force of Wind. 0 — 10 | | | Wind per day. ~~miles~~ Km. | Sea | Rain in 24 hours measured at 8½ A.M. & 8½ P.M. ~~inches~~. mm. | | | Observations and Phenomena |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | mean | 8½ | 2½ | 8½ | | | A.M. | P.M. | Total | |
| 13.0 | 11.8 | 12.3 | 78 | 72 | 76 | 75 | 5 Cirstr, Cu | 6 Cirstr, Cu | 3 Cu Nr | 4.7 | SE.1 | NNW.1 | 0 | 131.4 | Calm | | | | |
| 11.2 | 10.5 | 10.5 | 67 | 63 | 69 | 66 | 2 Cu, Cirstr | 1 Cu | 0 | 1.0 | E.1 | NW.1 | E.1 | 182.0 | Calm | | | | |
| 11.8 | 8.7 | 10.2 | 62 | 64 | 59 | 62 | 10 Cirstr | 8 Cirstr | 0 | 6.0 | 0 | 0 | S.1 | 92.3 | Calm | | | | |
| 11.9 | 11.3 | 11.0 | 66 | 62 | 70 | 66 | 2 Cirstr | 3 Ni, Cirstr | 1 Cu | 2.0 | 0 | NE.2 | E.1 | 52.9 | Calm | | | | |
| 15.9 | 15.7 | 14.8 | 82 | 80 | 63 | 75 | 10 Cirstr | 3 Cirstr | 1 Cu, Str | 4.7 | S.1 | 0 | 0 | 88.7 | Calm | | | | |
| 13.9 | 13.6 | 13.0 | 59 | 70 | 76 | 68 | 10 Ni | 10 Ni, Cu, Nr | 10 Ni | 10.0 | SE.1 | NE.1 | NE.2 | 270.8 | Lean | | | | ↳ NW 8 A.M. & Eve. |
| 14.6 | 14.6 | 13.6 | 59 | 74 | 80 | 71 | 7 Cu, Cu Ni | 10 Ni, W | 10 Ni | 9.0 | SE.1 | NE.1 | W.2 | 120.2 | Calm | 1.3 | | 1.3 | |
| 13.3 | 12.1 | 13.3 | 93 | 73 | 84 | 83 | 10 Ni | 3 Cu | 2 Cu | 5.0 | W.3 | 0 | SE.1 | 203.7 | Calm | | 5.8 | 5.8 | |
| 11.7 | 11.9 | 11.8 | 84 | 94 | 76 | 85 | 10 Ni | 10 Ni | 2 Cu | 7.3 | S.1 | SEE.1 | SEE.1 | 204.6 | Calm | 14.5 | 7.9 | 22.4 | |
| 11.1 | 11.6 | 11.1 | 80 | 70 | 92 | 81 | 10 Ni | 9 Ni, Cu Ni | 10 Ni | 9.7 | S.1 | SW | SE.1 | 138.6 | Calm | 5.8 | 1.0 | 6.8 | — 8½ A.M. |
| 11.0 | 9.3 | 10.3 | 85 | 85 | 74 | 81 | 3 Cu Ni, Cu | 7 Cu Ni, Cu, Nr | 8 Cu SW | 6.0 | S.1 | E.1 | 0 | 136.3 | Calm | 19.1 | 8.6 | 27.7 | |
| 11.3 | 10.0 | 10.2 | 80 | 91 | 76 | 82 | 10 Ni | 10 Ni | 10 Ni | 10.0 | S.1 | 0 | 0 | 79.2 | Calm | 4.3 | 3.8 | 8.1 | ↳ W 8 P.M. |
| 10.3 | 8.7 | 9.8 | 72 | 82 | 86 | 80 | 5 Ni, Cu | 10 Ni | 3 Cu Ni | 6.0 | W.2 | 0 | E.1 | 161.9 | Calm | 2.5 | 6.4 | 8.9 | |
| 8.2 | 7.1 | 7.8 | 62 | 58 | 64 | 61 | 4 Cu Ni | 8 Cu Ni, W | 3 Cu W | 5.0 | NW.2 | NE.1 | S.2 | 236.8 | Calm | 26.9 | | 26.9 | |
| 9.6 | 8.4 | 8.9 | 71 | 62 | 64 | 66 | 5 Cu, Cu Ni | W.2 Cu, W | 10 Cu Ni | 5.7 | SE.1 | SW.2 | S.1 | 179.2 | Calm | | | | |
| 9.1 | 10.0 | 9.4 | 58 | 57 | 89 | 68 | 5 Cirstr, Cu | SW Cirstr, W | 10 Ni | 8.0 | SE.3 | SW.4 | SW.5 | 527.9 | Agit | | | | |
| 9.4 | 8.6 | 8.8 | 60 | 55 | 67 | 61 | 10 Ni | 3 Ni | 5 Cu Ni | 6.0 | W.5 | W.4 | W.3 | 631.4 | Agit | 45.7 | 3.8 | 49.5 | |
| 10.2 | 9.0 | 9.2 | 70 | 73 | 74 | 72 | 10 Ni 8 | 5 Ni, Cu Ni, SW | 0 | 5.0 | SSE.2 | S.1 | S.1 | 245.6 | Lean | .8 | .5 | 1.3 | |
| 9.0 | 7.9 | 8.6 | 70 | 54 | 60 | 61 | 3 Cirstr | 10 Cirstr | 0 | 4.3 | " | 0 | S.1 | 78.6 | Calm | | | | |
| 10.5 | 9.7 | 9.5 | 62 | 62 | 76 | 67 | | " | 0 | 0.0 | " | 0 | S.1 | 89.3 | Calm | | | | |
| 9.5 | 10.0 | 9.2 | 63 | 59 | 75 | 66 | 7 Cirstr | 10 Cirstr | 10 Ni | 9.0 | SE.1 | W.2 | S.1 | 163.1 | Lean | | | | ○ halo |
| 9.4 | 9.3 | 9.8 | 82 | 69 | 74 | 75 | 10 Ni | 10 Ni | 10 Ni | 10.0 | S.W.2 | W.1 | NW.2 | 161.2 | Lean | 6.8 | 1.0 | 1.8 | |
| 7.2 | 6.2 | 7.2 | 66 | 67 | 62 | 65 | 10 Ni | 5 Ni, Cu Ni | 3 Cu Ni | 6.0 | W.5 | W.3 | W.2 | 554.9 | Agit | 1.5 | 0.5 | 2.0 | |
| 8.5 | 7.3 | 7.6 | 83 | 86 | 83 | 84 | 7 Ni | 5 Ni | 10 Ni | 7.3 | E.2 | W.5 | NW.4 | 369.5 | Agit | 3.0 | 10.7 | 13.7 | — 2½ P.M. |
| 6.4 | 6.2 | 6.3 | 84 | 77 | 91 | 84 | 10 Ni | 10 Ni | 10 Ni | 10.0 | S.2 | 0 | S.1 | 242.0 | Agit | 3.6 | 1.0 | 4.6 | |
| 6.5 | 5.9 | 6.3 | 62 | 57 | 66 | 62 | 7 Cu Ni | 5 Cu Ni, W | 1 Cu Ni | 4.3 | NE.2 | NW.2 | E.2 | 492.3 | Agit | | | | |
| 7.2 | 6.8 | 7.2 | 66 | 60 | 71 | 66 | 5 Cu Ni | 1 Cu | 0 | 2.0 | NW.2 | NW.1 | NE.1 | 228.3 | Calm | | | | — 7h 2m. A.M. |
| 8.5 | 7.6 | 7.6 | 70 | 67 | 77 | 71 | 1 Cu | 1 Cu, Cirstr | 0 | .7 | SE.1 | NW | S.1 | 149.4 | Calm | | | | |
| 7.8 | 7.6 | 7.2 | 65 | 60 | 74 | 66 | | 1 Cu | | .3 | E.1 | 0 | S.1 | 135.5 | Calm | | | | |
| 7.5 | 8.3 | 7.3 | 59 | 58 | 72 | 63 | 1 Cirstr | 7 Cirstr | 10 Cirstr | 6.0 | SE.1 | NW | 0 | 127.9 | Calm | | | | |
| 10.2 | 9.3 | 9.5 | 84 | 86 | 87 | 86 | 10 Ni | 10 Ni | 10 Ni | 10.0 | SW.2 | SW.3 | SW.2 | 362.7 | Agit | 15.7 | .8 | 16.5 | |
| 30.46 | 29.71 | | 220.4 | 214.7 | 231.7 | | 199 | 192 | 143 | | | | | 6819.2 | | | | | |
| 7.83 | 9.58 | 9.51 | 71.1 | 69.3 | 74.8 | 71.7 | 6.4 | 6.2 | 4.6 | 5.7 | | | | 219.98 | | | | 20.23 | |