**कृषि मौसम विभाग**

**जलवायु परिवर्तन पर उच्च अध्ययन केन्द्र**

**डा0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय**

**पूसा, समस्तीपुर (बिहार)-848125**

**Agrometeorology Division**

**Centre for Advance Studies on Climate Change**

**Dr. Rajendra Prasad Central Agricultural University**

**Pusa Samastipur (Bihar)-848125**

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**Daily Weather Data - January 2023**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Temperature****(0C)** | **Relative humidity****(%)** | **Wind speed****(Km/hr.)** | **Rainfall (mm)** | **Evaporation****(mm)** | **Bright sunshine****(hr.)** |
|  | **Max** | **Min** | **Morning** | **Evening** |
| 1 Jan | 21.4 | 7.9 | 100 | 65 | 0.7 | 0.0 | 0.8 | 0.0 |
| 2 Jan | 14.5 | 11.0 | 100 | 96 | 2.3 | 0.0 | 0.6 | 0.0 |
| 3 Jan | 14.2 | 11.5 | 98 | 90 | 3.9 | 0.0 | 0.2 | 0.0 |
| 4 Jan | 13.7 | 10.8 | 88 | 82 | 3.1 | 0.0 | 0.8 | 0.0 |
| 5 Jan | 11.8 | 10.0 | 91 | 87 | 5.6 | 0.0 | 1.4 | 0.0 |
| 6 Jan | 11.8 | 7.4 | 95 | 84 | 6.7 | 0.0 | 1.0 | 0.0 |
| 7 Jan | 12.5 | 6.5 | 97 | 82 | 6.4 | 0.0 | 0.8 | 0.0 |
| 8 Jan | 14.4 | 7.5 | 96 | 80 | 8.1 | 0.0 | 1.4 | 0.0 |
| 9 Jan | 16.1 | 4.7 | 100 | 76 | 4.0 | 0.0 | 1.0 | 2.2 |
| 10 Jan | 15.0 | 7.3 | 99 | 75 | 4.6 | 0.0 | 1.3 | 0.6 |
| 11 Jan | 15.0 | 8.0 | 94 | 76 | 5.3 | 0.0 | 1.1 | 0.6 |
| 12 Jan | 13.2 | 4.5 | 100 | 88 | 2.4 | 0.0 | 1.4 | 0.0 |
| 13 Jan | 19.3 | 8.3 | 100 | 62 | 3.1 | 0.0 | 0.7 | 5.3 |
| 14 Jan | 23.6 | 6.6 | 100 | 52 | 1.8 | 0.0 | 1.4 | 6.1 |
| 15 Jan | 16.3 | 11.0 | 100 | 78 | 2.9 | 0.0 | 1.0 | 0.0 |
| 16 Jan | 19.4 | 5.8 | 100 | 60 | 4.0 | 0.0 | 1.0 | 4.1 |
| 17 Jan | 20.2 | 5.0 | 97 | 60 | 2.8 | 0.0 | 1.4 | 3.4 |
| 18 Jan | 20.4 | 5.2 | 100 | 59 | 1.8 | 0.0 | 1.8 | 4.9 |
| 19 Jan | 21.0 | 4.0 | 100 | 58 | 2.0 | 0.0 | 1.1 | 2.2 |
| 20 Jan | 22.8 | 5.0 | 100 | 60 | 1.4 | 0.0 | 1.2 | 4.2 |
| 21 Jan | 23.7 | 8.3 | 96 | 61 | 1.0 | 0.0 | 1.3 | 0.9 |
| 22 Jan | 24.6 | 8.5 | 100 | 64 | 1.5 | 0.0 | 1.3 | 2.0 |
| 23 Jan | 24.3 | 10.6 | 100 | 65 | 1.3 | 0.0 | 1.4 | 2.5 |
| 24 Jan | 24.2 | 10.6 | 100 | 68 | 1.4 | 0.0 | 0.9 | 0.0 |
| 25 Jan | 25.8 | 10.8 | 100 | 65 | 1.8 | 0.0 | 1.3 | 3.0 |
| 26 Jan | 22.2 | 12.8 | 100 | 80 | 1.4 | 0.0 | 1.2 | 0.7 |
| 27 Jan | 24.0 | 13.1 | 100 | 70 | 3.7 | 0.0 | 1.1 | 3.4 |
| 28 Jan | 22.0 | 12.8 | 94 | 66 | 7.0 | 0.0 | 1.7 | 4.7 |
| 29 Jan | 23.0 | 7.7 | 100 | 68 | 1.1 | 0.0 | 2.4 | 4.7 |
| 30 Jan | 26.1 | 9.1 | 100 | 60 | 2.0 | 0.0 | 1.7 | 6.7 |
| 31 Jan | 26.2 | 14.0 | 97 | 60 | 2.5 | 0.0 | 2.0 | 6.6 |
| **Mean/Total\*** | **19.4** | **8.6** | **98** | **71** | **3.1** | **0.0** | **1.2** | **2.2** |

**Daily Weather Data - February 2023**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Temperature****(0C)** | **Relative humidity****(%)** | **Wind speed****(Km/hr.)** | **Rainfall****(mm)** | **Evaporation****(mm)** | **Bright sunshine****(hr.)** |
| **Max** | **Min** | **Morning** | **Evening** |
| 1 Feb | 22.7 | 15.0 | 94 | 65 | 8.6 | 0.0 | 2.5 | 5.6 |
| 2 Feb | 21.2 | 10.9 | 98 | 65 | 6.8 | 0.0 | 3.2 | 0.4 |
| 3 Feb | 23.6 | 8.1 | 100 | 62 | 3.5 | 0.0 | 1.1 | 5.9 |
| 4 Feb | 20.5 | 11.0 | 98 | 77 | 4.4 | 0.0 | 1.6 | 0.8 |
| 5 Feb | 24.2 | 12.5 | 100 | 64 | 4.3 | 0.0 | 1.1 | 3.2 |
| 6 Feb | 25.1 | 9.5 | 100 | 55 | 1.4 | 0.0 | 1.8 | 5.2 |
| 7 Feb | 26.5 | 8.5 | 97 | 53 | 1.8 | 0.0 | 2.0 | 7.2 |
| 8 Feb | 27.0 | 11.6 | 96 | 61 | 2.3 | 0.0 | 2.0 | 4.7 |
| 9 Feb | 25.6 | 9.2 | 95 | 46 | 2.9 | 0.0 | 2.8 | 9.0 |
| 10 Feb | 25.8 | 9.5 | 100 | 51 | 1.8 | 0.0 | 2.2 | 6.9 |
| 11 Feb | 27.8 | 9.5 | 100 | 49 | 1.9 | 0.0 | 2.8 | 8.4 |
| 12 Feb | 27.3 | 12.6 | 98 | 36 | 1.5 | 0.0 | 1.8 | 7.4 |
| 13 Feb | 22.6 | 8.6 | 77 | 38 | 9.0 | 0.0 | 5.8 | 9.5 |
| 14 Feb | 24.1 | 7.4 | 100 | 44 | 4.9 | 0.0 | 2.2 | 8.2 |
| 15 Feb | 25.0 | 8.5 | 100 | 47 | 1.6 | 0.0 | 2.1 | 6.1 |
| 16 Feb | 27.0 | 9.8 | 97 | 46 | 1.4 | 0.0 | 1.9 | 5.9 |
| 17 Feb | 27.8 | 10.8 | 100 | 49 | 1.0 | 0.0 | 1.7 | 5.0 |
| 18 Feb | 29.8 | 12.4 | 100 | 48 | 1.7 | 0.0 | 2.0 | 5.9 |
| 19 Feb | 29.2 | 12.7 | 100 | 54 | 1.3 | 0.0 | 2.6 | 4.9 |
| 20 Feb | 29.0 | 13.0 | 100 | 53 | 1.5 | 0.0 | 4.0 | 1.6 |
| 21 Feb | 29.4 | 14.0 | 100 | 47 | 1.6 | 0.0 | 2.6 | 3.2 |
| 22 Feb | 31.2 | 14.2 | 100 | 51 | 1.3 | 0.0 | 2.4 | 6.7 |
| 23 Feb | 30.0 | 14.4 | 85 | 38 | 2.2 | 0.0 | 3.4 | 9.4 |
| 24 Feb | 29.4 | 11.0 | 94 | 47 | 4.6 | 0.0 | 3.8 | 7.0 |
| 25 Feb | 29.0 | 10.5 | 100 | 43 | 2.3 | 0.0 | 3.4 | 8.5 |
| 26 Feb | 29.4 | 11.4 | 96 | 37 | 1.5 | 0.0 | 2.6 | 8.6 |
| 27 Feb | 29.3 | 12.0 | 100 | 51 | 1.2 | 0.0 | 3.0 | 1.3 |
| 28 Feb | 30.4 | 13.5 | 96 | 46 | 1.7 | 0.0 | 3.0 | 5.6 |
| **Mean/Total\*** | **26.8** | **11.1** | **97** | **51** | **2.9** | **0.0\*** | **2.6** | **5.8** |

**Daily Weather Data - March 2023**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Temperature****(0C)** | **Relative humidity****(%)** | **Wind speed****(Km/hr.)** | **Rainfall****(mm)** | **Evaporation****(mm)** | **Bright sunshine****(hr.)** |
| **Max** | **Min** | **Morning** | **Evening** |
| 1 Mar | 31.0 | 14.0 | 98 | 52 | 2.8 | 0.0 | 3.0 | 7.5 |
| 2 Mar | 31.0 | 14.4 | 98 | 46 | 1.5 | 0.0 | 3.1 | 8.1 |
| 3 Mar | 31.1 | 14.2 | 97 | 48 | 2.8 | 0.0 | 3.5 | 8.5 |
| 4 Mar | 31.8 | 16.0 | 95 | 46 | 2.1 | 0.0 | 3.9 | 8.3 |
| 5 Mar | 30.7 | 15.0 | 87 | 50 | 2.2 | 0.0 | 3.9 | 8.6 |
| 6 Mar | 31.2 | 15.7 | 89 | 40 | 5.1 | 0.0 | 6.0 | 9.3 |
| 7 Mar | 30.8 | 11.8 | 95 | 43 | 5.6 | 0.0 | 4.2 | 9.1 |
| 8 Mar | 25.2 | 14.4 | 87 | 64 | 3.8 | 1.8 | 4.1 | 1.1 |
| 9 Mar | 30.6 | 12.5 | 96 | 45 | 1.8 | 0.0 | 2.1 | 8.5 |
| 10 Mar | 31.4 | 12.5 | 85 | 44 | 2.9 | 0.0 | 4.1 | 8.0 |
| 11 Mar | 31.4 | 15.3 | 90 | 43 | 3.4 | 0.0 | 4.0 | 8.2 |
| 12 Mar | 32.4 | 16.4 | 94 | 36 | 2.4 | 0.0 | 4.2 | 8.5 |
| 13 Mar | 32.6 | 15.7 | 94 | 43 | 2.0 | 0.0 | 3.6 | 7.3 |
| 14 Mar | 32.3 | 15.5 | 98 | 65 | 2.0 | 0.0 | 3.4 | 5.3 |
| 15 Mar | 33.2 | 16.7 | 97 | 65 | 2.0 | 0.0 | 4.0 | 8.5 |
| 16 Mar | 30.4 | 16.4 | 95 | 74 | 4.1 | 0.0 | 4.2 | 3.2 |
| 17 Mar | 28.6 | 19.5 | 82 | 57 | 4.9 | 0.0 | 3.2 | 0.0 |
| 18 Mar | 29.7 | 16.5 | 96 | 57 | 2.7 | 0.0 | 2.6 | 1.0 |
| 19 Mar | 26.2 | 17.0 | 98 | 70 | 4.6 | 15.6 | 2.6 | 0.0 |
| 20 Mar | 23.2 | 18.2 | 96 | 81 | 6.4 | 0.0 | 2.6 | 0.0 |
| 21 Mar | 24.8 | 18.0 | 96 | 71 | 3.4 | 2.4 | 0.9 | 2.8 |
| 22 Mar | 29.3 | 14.9 | 96 | 48 | 1.9 | 0.0 | 2.8 | 8.8 |
| 23 Mar | 29.8 | 15.2 | 92 | 43 | 4.0 | 0.0 | 4.6 | 9.4 |
| 24 Mar | 32.0 | 15.5 | 93 | 41 | 5.0 | 0.0 | 5.0 | 9.4 |
| 25 Mar | 32.6 | 17.0 | 97 | 44 | 2.9 | 0.0 | 5.0 | 8.2 |
| 26 Mar | 33.5 | 17.4 | 82 | 40 | 3.2 | 0.0 | 5.8 | 9.2 |
| 27 Mar | 33.1 | 17.3 | 77 | 27 | 5.9 | 0.0 | 10.1 | 9.0 |
| 28 Mar | 33.1 | 16.3 | 67 | 27 | 6.0 | 0.0 | 8.4 | 9.1 |
| 29 Mar | 34.0 | 14.5 | 73 | 30 | 4.4 | 0.0 | 4.5 | 9.5 |
| 30 Mar | 34.5 | 14.5 | 91 | 34 | 4.5 | 0.0 | 4.5 | 8.7 |
| 31 Mar | 28.0 | 19.6 | 94 | 65 | 3.4 | 0.0 | 3.4 | 0.4 |
| **Mean/Total\*** | **30.6** | **15.7** | **91** | **50** | **3.5** | **19.8\*** | **4.1** | **6.6** |

**Daily Weather Data – April, 2023**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Temperature****(0C)** | **Relative humidity****(%)** | **Wind speed****(Km/hr.)** | **Rainfall (mm)** | **Evaporation (mm)** | **Bright sunshine****(hr.)** |
| **Max** | **Min** | **Morning** | **Evening** |
| 1 April | 30.5 | 16.5 | 95 | 49 | 4.9 | 0.0 | 2.6 | 7.4 |
| 2 April | 31.0 | 15.5 | 93 | 43 | 3.2 | 0.0 | 4.8 | 9.1 |
| 3 April | 33.6 | 16.4 | 80 | 38 | 3.4 | 0.0 | 5.4 | 9.6 |
| 4 April | 34.9 | 16.4 | 79 | 34 | 5.2 | 0.0 | 5.8 | 7.9 |
| 5 April | 34.4 | 17.1 | 78 | 23 | 2.9 | 0.0 | 8.0 | 9.4 |
| 6 April | 35.7 | 13.5 | 63 | 25 | 7.1 | 0.0 | 6.8 | 9.9 |
| 7 April | 36.0 | 14.8 | 85 | 20 | 5.4 | 0.0 | 8.8 | 9.4 |
| 8 April | 35.9 | 16.2 | 61 | 23 | 5.1 | 0.0 | 7.2 | 8.6 |
| 9 April | 36.7 | 16.7 | 66 | 21 | 3.4 | 0.0 | 6.2 | 9.1 |
| 10 April | 36.4 | 16.5 | 66 | 22 | 4.9 | 0.0 | 6.2 | 8.5 |
| 11 April | 36.7 | 13.5 | 68 | 23 | 5.0 | 0.0 | 8.0 | 9.3 |
| 12 April | 37.3 | 14.5 | 84 | 24 | 4.8 | 0.0 | 8.1 | 10.2 |
| 13 April | 38.5 | 17.7 | 80 | 24 | 3.2 | 0.0 | 7.5 | 9.6 |
| 14 April | 38.6 | 19.0 | 77 | 21 | 4.2 | 0.0 | 3.6 | 8.3 |
| 15 April | 38.9 | 18.8 | 77 | 22 | 3.1 | 0.0 | 5.4 | 9.1 |
| 16 April | 39.5 | 19.7 | 65 | 21 | 2.6 | 0.0 | 7.9 | 6.9 |
| 17 April | 40.5 | 19.7 | 74 | 18 | 3.6 | 0.0 | 5.8 | 9.5 |
| 18 April | 40.7 | 21.0 | 58 | 11 | 3.5 | 0.0 | 5.6 | 10.0 |
| 19 April | 40.8 | 20.6 | 66 | 22 | 3.0 | 0.0 | 6.6 | 9.2 |
| 20 April | 40.6 | 22.0 | 55 | 23 | 4.4 | 0.0 | 7.0 | 9.5 |
| 21 April | 35.2 | 23.4 | 47 | 32 | 4.7 | 0.0 | 7.9 | 3.4 |
| 22 April | 34.6 | 19.0 | 68 | 42 | 6.8 | 0.0 | 5.0 | 9.8 |
| 23 April | 33.8 | 18.8 | 66 | 38 | 2.9 | 0.0 | 5.2 | 8.0 |
| 24 April | 29.5 | 18.4 | 87 | 56 | 7.2 | 0.0 | 4.4 | 7.1 |
| 25 April | 33.7 | 20.0 | 69 | 42 | 4.3 | 1.4 | 4.2 | 8.7 |
| 26 April | 35.6 | 19.0 | 76 | 32 | 4.8 | 0.0 | 4.8 | 8.3 |
| 27 April | 32.2 | 18.6 | 84 | 41 | 5.2 | 0.0 | 5.2 | 0.4 |
| 28 April | 35.7 | 18.5 | 83 | 34 | 3.2 | 0.0 | 3.2 | 5.9 |
| 29 April | 34.5 | 21.4 | 79 | 41 | 5.2 | 0.0 | 5.2 | 2.5 |
| 30 April | 30.3 | 21.0 | 89 | 61 | 4.0 | 0.0 | 4.0 | 0.0 |
| **Mean/Total\*** | **35.7** | **18.1** | **74** | **31** | **4.4** | **1.4\*** | **5.9** | **7.8** |