

April 2016 ~ Central Agricultural Research Center ~ Moccasin, MT

| Date | Air temp | | | Water temp | | | Evap (inch) | Wind (mph) | Precip (inch) | Snow Fall | Wheat GDU | Temp Obs. (°F) | High Gust |
|-------|----------|------|------|------------|------|------|----------------|---------------|------------------|-----------|--------------|-------------------|--------------|
| | Max | Min | Mean | Max | Min | Mean | | | | | | | |
| 1 | 42 | 29 | 35.5 | | | 0.0 | 0.15 | 8.5 | 0.07 | | 5.0 | 35 | 33.68 |
| 2 | 62 | 35 | 48.5 | 60.8 | 38.1 | 49.5 | 0.23 | 7.2 | | | 16.5 | 45 | 28.86 |
| 3 | 69 | 43 | 56.0 | 68 | 39.4 | 53.7 | 0.32 | 7.2 | | | 24.0 | 48 | 27 |
| 4 | 64 | 34 | 49.0 | 67.1 | 39.2 | 53.2 | 0.26 | 7.6 | | | 17.0 | 42 | 47 |
| 5 | 71 | 32 | 51.5 | 64.4 | 35.6 | 50.0 | 0.25 | 10.8 | 0.03 | | 19.5 | 32 | 49 |
| 6 | 45 | 32 | 38.5 | 43.2 | 32 | 37.6 | 0.03 | 9.3 | 0.07 | | 6.5 | 41 | 42 |
| 7 | 61 | 33 | 47.0 | 57.2 | 37.4 | 47.3 | 0.25 | 9.1 | | | 15.0 | 42 | 27 |
| 8 | 61 | 31 | 46.0 | 65.3 | 37.8 | 51.6 | 0.22 | 5.5 | | | 14.5 | 36 | 23 |
| 9 | 74 | 32 | 53.0 | 65.3 | 37.8 | 51.6 | 0.23 | 5.7 | | | 21.0 | 36 | 34 |
| 10 | 64 | 35 | 49.5 | 71.1 | 33.8 | 52.5 | 0.16 | 5.7 | | | 17.5 | 31 | 27 |
| 11 | 75 | 25 | 50.0 | 71.1 | 33.8 | 52.5 | 0.38 | 11.4 | | | 18.0 | 31 | 18 |
| 12 | 68 | 31 | 49.5 | 71.8 | 33.8 | 52.8 | 0.21 | 5.8 | | | 18.0 | 42 | 22 |
| 13 | 71 | 39 | 55.0 | 68 | 40.3 | 54.2 | 0.15 | 4.1 | | | 23.0 | 43 | 31 |
| 14 | 58 | 32 | 45.0 | 57.2 | 40.3 | 48.8 | 0.23 | 4.6 | 0.14 | | 13.0 | 35 | 21 |
| 15 | 55 | 32 | 43.5 | 50.7 | 37.4 | 44.1 | 0.1 | 7.2 | 0.1 | | 11.5 | 32 | 32 |
| 16 | 34 | 27 | 30.5 | 37.6 | 32 | 34.8 | 0.09 | 9.3 | 0.12 | 3 | 1.0 | 30 | 10 |
| 17 | 50 | 22 | 36.0 | 62.6 | 35.6 | 49.1 | 0.2 | 2.9 | | | 9.0 | 31 | 25 |
| 18 | 57 | 25 | 41.0 | 64.6 | 36.5 | 50.6 | 0.23 | 4.0 | | | 12.5 | 26 | 17 |
| 19 | 57 | 26 | 41.5 | 58.5 | 37.4 | 48.0 | 0.13 | 3.7 | | | 12.5 | 39 | 16 |
| 20 | 67 | 35 | 51.0 | 72.3 | 42.3 | 57.3 | 0.25 | 4.5 | | | 19.0 | 38 | 18 |
| 21 | 70 | 35 | 52.5 | 72.9 | 42.3 | 57.6 | 0.22 | 4.5 | | | 20.5 | 45 | 29 |
| 22 | 75 | 35 | 55.0 | 70.7 | 45.3 | 58.0 | 0.45 | 13.0 | | | 23.00 | 50 | 20 |
| 23 | 82 | 44 | 63.0 | 73.6 | 46.7 | 60.2 | 0.03 | 6.7 | | | 31.00 | 44 | 25 |
| 24 | 57 | 38 | 47.5 | 56.8 | 40.3 | 48.6 | 0.10 | 9.2 | 0.04 | | 15.50 | 38 | 20 |
| 25 | 56 | 32 | 44.0 | 46.4 | 38.5 | 42.5 | 0.24 | 5.4 | 0.14 | | 12.0 | 32 | 17 |
| 26 | 40 | 29 | 34.5 | 44.6 | 33.6 | 39.1 | 0.06 | 7.1 | 0.18 | | 2.5 | 29 | 20 |
| 27 | 40 | 29 | 34.5 | 44.6 | 33.8 | 39.2 | 0 | 5.4 | 0.03 | | 2.5 | 31 | 15 |
| 28 | 38 | 28 | 33.0 | 44.7 | 33.8 | 39.3 | 0 | 5.1 | 0.17 | 1.5 | 1.0 | 29 | 16 |
| 29 | 42 | 28 | 35.0 | 43.9 | 34 | 39.0 | 0.00 | 6.0 | 0.15 | | 3.0 | 35 | 23 |
| 30 | 51 | 32 | 41.5 | 58.8 | 35.8 | 47.3 | 0.12 | 7.8 | | | 9.5 | 40 | 14 |
| Mean | 58.5 | 32.0 | 45.3 | 59.8 | 37.4 | 47.0 | 0.2 | 6.8 | 0.1 | 2.3 | 13.8 | 36.9 | 24.9 |
| TOTAL | | | | | | | 5.29 | 204.25 | 1.24 | 4.5 | 414.5 | | |

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| Date | 4 inch Sod | | | 4inch Bare | | | 8 inch Bare | | | 20 inch Bare |
|------|------------|------|------|------------|------|------|-------------|------|------|--------------|
| | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Mean |
| 1 | 44 | 42 | 43.0 | 41 | 39 | 40.0 | 43 | 41 | 42.0 | 40 |
| 2 | 46 | 41 | 43.5 | 46 | 38 | 42.0 | 42 | 41 | 41.5 | 40 |
| 3 | 50 | 44 | 47.0 | 52 | 40 | 46.0 | 45 | 42 | 43.5 | 41 |
| 4 | 51 | 47 | 49.0 | 52 | 45 | 48.5 | 47 | 45 | 46.0 | 41 |
| 5 | 52 | 47 | 49.5 | 53 | 44 | 48.5 | 48 | 45 | 46.5 | 42 |
| 6 | 49 | 45 | 47.0 | 44 | 40 | 42.0 | 47 | 39 | 43.0 | 42 |
| 7 | 47 | 44 | 45.5 | 46 | 40 | 43.0 | 44 | 42 | 43.0 | 42 |
| 8 | 51 | 46 | 48.5 | 53 | 42 | 47.5 | 47 | 43 | 45.0 | 42 |
| 9 | 51 | 46 | 48.5 | 53 | 42 | 47.5 | 47 | 43 | 45.0 | 42 |
| 10 | 54 | 48 | 51.0 | 56 | 43 | 49.5 | 50 | 46 | 48.0 | 44 |
| 11 | 54 | 48 | 51.0 | 56 | 43 | 49.5 | 50 | 46 | 48.0 | 44 |
| 12 | 54 | 48 | 51.0 | 58 | 44 | 51.0 | 51 | 48 | 49.5 | 44 |
| 13 | 54 | 51 | 52.5 | 58 | 48 | 53.0 | 52 | 51 | 51.5 | 45 |
| 14 | 53 | 51 | 52.0 | 53 | 47 | 50.0 | 53 | 50 | 51.5 | 45 |
| 15 | 54 | 50 | 52.0 | 50 | 45 | 47.5 | 50 | 48 | 49.0 | 46 |
| 16 | 49 | 44 | 46.5 | 44 | 40 | 42.0 | 47 | 43 | 45.0 | 45 |
| 17 | 50 | 45 | 47.5 | 40 | 39 | 39.5 | 43 | 42 | 42.5 | 45 |
| 18 | 52 | 45 | 48.5 | 51 | 38 | 44.5 | 46 | 41 | 43.5 | 44 |
| 19 | 52 | 47 | 49.5 | 50 | 41 | 45.5 | 47 | 44 | 45.5 | 44 |
| 20 | 58 | 50 | 54.0 | 59 | 45 | 52.0 | 52 | 46 | 49.0 | 44 |
| 21 | 58 | 52 | 55.0 | 60 | 48 | 54.0 | 54 | 50 | 52.0 | 45 |
| 22 | 57 | 54 | 55.5 | 60 | 50 | 55.0 | 54 | 52 | 53.0 | 46 |
| 23 | 60 | 54 | 57.0 | 63 | 53 | 58.0 | 56 | 56 | 56.0 | 47 |
| 24 | 58 | 53 | 55.5 | 56 | 48 | 52.0 | 57 | 52 | 54.5 | 48 |
| 25 | 55 | 53 | 54.0 | 50 | 46 | 48.0 | 53 | 50 | 51.5 | 48 |
| 26 | 53 | 50 | 51.5 | 47 | 43 | 45.0 | 50 | 47 | 48.5 | 48 |
| 27 | 48 | 47 | 47.5 | 45 | 41 | 43.0 | 50 | 44 | 47.0 | 47 |
| 28 | 48 | 47 | 47.5 | 44 | 42 | 43.0 | 47 | 43 | 45.0 | 46 |
| 29 | 47 | 45 | 46.0 | 44 | 39 | 41.5 | 46 | 42 | 44.0 | 46 |
| 30 | 50 | 45 | 47.5 | 51 | 42 | 46.5 | 47 | 44 | 45.5 | 45 |
| Mean | 52.0 | 47.6 | 49.8 | 51.2 | 43.2 | 47.2 | 48.8 | 45.5 | 47.2 | 44.3 |