

RECORD OF CLIMATOLOGICAL OBSERVATION
Langdon Agricultural Experiment Station
Langdon, North Dakota
September, 2020

| Date | Temperature | | | *Heating Degree Days | Cooling Degree Days | Precip | Wind Dir. | Cloud Cover | Other |
|-------|-------------|------|--------|----------------------|---------------------|--------|-----------|-------------|------------|
| | Max. | Min. | Avg. | | | | | | |
| 1. | 65 | 43 | 54.0 | 11.0 | | 0 | SW | CLDY | |
| 2. | 73 | 46 | 59.5 | 5.5 | | TR | W | CLR | |
| 3. | 70 | 45 | 57.5 | 7.5 | | 0.31 | NW | PC | |
| 4. | 65 | 45 | 55.0 | 10.0 | | 0 | NW | CLR | |
| 5. | 68 | 41 | 54.5 | 10.5 | | 0 | SW | PC | |
| 6. | 76 | 47 | 61.5 | 3.5 | | TR | NW | CLDY | |
| 7. | 68 | 41 | 54.5 | 10.5 | | 0 | NW | CLDY | |
| 8. | 49 | 29 | 39.0 | 26.0 | | 0 | NW | CLDY | |
| 9. | 51 | 33 | 42.0 | 23.0 | | 0 | S | MC | |
| 10. | 57 | 35 | 46.0 | 19.0 | | 0 | S | CLR | |
| 11. | 74 | 42 | 58.0 | 7.0 | | 0 | S | CLR | |
| 12. | 67 | 44 | 55.5 | 9.5 | | 0 | W | PC | |
| 13. | 71 | 45 | 58.0 | 7.0 | | 0.02 | NE | CLDY | |
| 14. | 59 | 36 | 47.5 | 17.5 | | 0 | SE | CLDY | |
| 15. | 65 | 43 | 54.0 | 11.0 | | 0 | NNW | CLDY | Smoke/haze |
| 16. | 67 | 44 | 55.5 | 9.5 | | 0 | NW | PC | |
| 17. | 56 | 34 | 45.0 | 20.0 | | 0 | SE | PC | |
| 18. | 56 | 36 | 46.0 | 19.0 | | 0 | SSE | CLDY | |
| 19. | 68 | 44 | 56.0 | 9.0 | | 0 | SW | CLR | |
| 20. | 76 | 48 | 62.0 | 3.0 | | 0 | SE | PC | Smoky |
| 21. | 74 | 55 | 64.5 | 0.5 | | 0 | SW | PC | Smoky |
| 22. | 74 | 46 | 60.0 | 5.0 | | 0 | SW | PC | Smoky |
| 23. | 83 | 50 | 66.5 | | 1.5 | 0 | NNW | CLDY | |
| 24. | 54 | 40 | 47.0 | 18.0 | | 0.16 | SE | MC | |
| 25. | 72 | 47 | 59.5 | 5.5 | | 0 | NW | MC | |
| 26. | 75 | 51 | 63.0 | 2.0 | | 0 | SW | MC | |
| 27. | 73 | 49 | 61.0 | 4.0 | | 0.08 | W | CLDY | |
| 28. | 58 | 45 | 51.5 | 13.5 | | 0 | NW | CLDY | |
| 29. | 55 | 45 | 50.0 | 15.0 | | 0 | NW | MC | |
| 30. | 66 | 39 | 52.5 | 12.5 | | 0 | NW | PC | |
| Total | 1985 | 1288 | 1636.5 | 315.0 | 1.5 | 0.57 | | | |
| Avg. | 66.2 | 42.9 | 54.6 | | | | | | |

| | <u>2020</u> | <u>Normal</u> | <u>Dep from Normal</u> |
|----------------------|-------------|---------------|------------------------|
| Precipitation | 0.57 | 2.08 | -1.51 |
| Average Monthly Temp | 54.6 | 54.5 | +0.1 |
| Heating Degree Days | 315 | 326 | -11 |
| Cooling Degree Days | 1.5 | 11 | -9.5 |

*Heating Degree Days are based on 65 degrees F. Observation reading made at 8:00 am daily.