

**RECORD OF CLIMATOLOGICAL OBSERVATION**  
**Langdon Agricultural Experiment Station**  
**Langdon, North Dakota**  
**November, 2010**

| Date  | Temperature |      |      | *Heating<br>Degree<br>Days | Precip(in) |      | Snow<br>on<br>Grnd | Wind<br>Dir. | Cloud<br>Cover | Other |
|-------|-------------|------|------|----------------------------|------------|------|--------------------|--------------|----------------|-------|
|       | Max.        | Min. | Avg. |                            | Precip     | Snow |                    |              |                |       |
| 1.    | 35          | 27   | 31.0 | 34.0                       | 0          |      |                    | SW           | CLR            |       |
| 2.    | 51          | 33   | 42.0 | 23.0                       | 0          |      |                    | SW           | PC             |       |
| 3.    | 57          | 37   | 47.0 | 18.0                       | 0          |      |                    | NW           | CLR            |       |
| 4.    | 50          | 30   | 40.0 | 25.0                       | 0          |      |                    | NW           | CLR            |       |
| 5.    | 42          | 27   | 34.5 | 30.5                       | 0          |      |                    | S            |                |       |
| 6.    | 49          | 28   | 38.5 | 26.5                       | 0          |      |                    | SW           |                |       |
| 7.    | 58          | 36   | 47.0 | 18.0                       | 0          |      |                    | SE           |                |       |
| 8.    | 62          | 36   | 49.0 | 16.0                       | 0          |      |                    | E            |                |       |
| 9.    | 55          | 34   | 44.5 | 20.5                       | 0          |      |                    | E            | PC             |       |
| 10.   | 60          | 36   | 48.0 | 17.0                       | 0          |      |                    | SW           | CLDY           | FOG   |
| 11.   | 40          | 28   | 34.0 | 31.0                       | .02        |      |                    | W            | CLDY           |       |
| 12.   | 37          | 25   | 31.0 | 34.0                       | 0          |      |                    | SW           | CLDY           |       |
| 13.   | 42          | 27   | 34.5 | 30.5                       | 0          |      |                    | NE           | CLDY           |       |
| 14.   | 29          | 26   | 27.5 | 37.5                       | 0          |      |                    | NW           | CLDY           |       |
| 15.   | 28          | 23   | 25.5 | 39.5                       | 0          |      |                    | SW           | CLDY           |       |
| 16.   | 29          | 23   | 26.0 | 39.0                       | 0          |      |                    | SW           | CLDY           |       |
| 17.   | 32          | 20   | 26.0 | 39.0                       | 0          |      |                    | NW           | CLDY           |       |
| 18.   | 22          | 15   | 18.5 | 46.5                       | Tr         | Tr   | Tr                 | E            | CLDY           |       |
| 19.   | 29          | 9    | 19.0 | 46.0                       | .11        | 1.5  | 1.5                | NW           | CLR            |       |
| 20.   | 10          | -1   | 4.5  | 60.5                       | 0          | 0    | 1.3                | N            | CLDY           |       |
| 21.   | 12          | 3    | 7.5  | 57.5                       | .24        | 6.0  | 7.0                | NE           | CLR            |       |
| 22.   | 17          | -7   | 5.0  | 60.0                       | Tr         | Tr   | 7.0                | NE           | CLDY           |       |
| 23.   | 8           | -6   | 1.0  | 64.0                       | Tr         | Tr   | 7.0                | NW           | CLR            |       |
| 24.   | 17          | -6   | 5.5  | 59.5                       | 0          | 0    | 6.5                | SE           | CLDY           |       |
| 25.   | 20          | 1    | 10.5 | 54.5                       | .15        | 3.0  | 9.0                | W            | CLDY           |       |
| 26.   | 12          | -6   | 3.0  | 62.0                       | Tr         | Tr   | 8.0                | NW           | CLR            |       |
| 27.   | 14          | -6   | 4.0  | 61.0                       | 0          | 0    | 7.5                | SE           | CLDY           |       |
| 28.   | 24          | 14   | 19.0 | 46.0                       | 0          | 0    | 7.0                | NE           | CLDY           |       |
| 29.   | 21          | 14   | 17.5 | 47.5                       | .01        | .2   | 6.5                | N            | CLDY           |       |
| 30.   | 18          | 10   | 14.0 | 51.0                       | .08        | 1.5  | 8.0                | NW           | CLDY           |       |
| Total | 980         | 530  | 755  | 1195.0                     | .61        | 12.2 |                    |              |                |       |
| Avg.  | 32.7        | 17.7 | 25.2 |                            |            |      |                    |              |                |       |

|                      | <u>2010</u> | <u>Normal</u> | <u>Dep From Normal</u> |
|----------------------|-------------|---------------|------------------------|
| Precipitation        | .61         | .77           | - .16                  |
| Average Monthly Temp | 25.2        | 23.5          | + 1.7                  |
| Heating Degree Days  | 1195        | 1224          | - 29                   |
| Snowfall             | 12.2        | 6.59          | + 5.61                 |

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