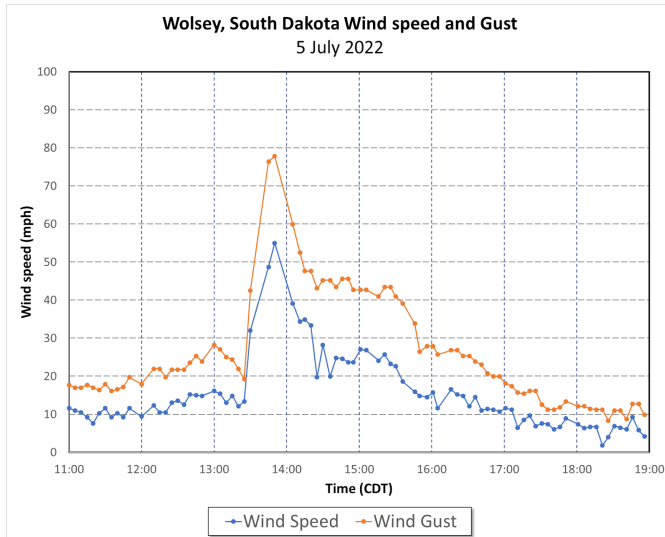


Appendix A – Wind Observations

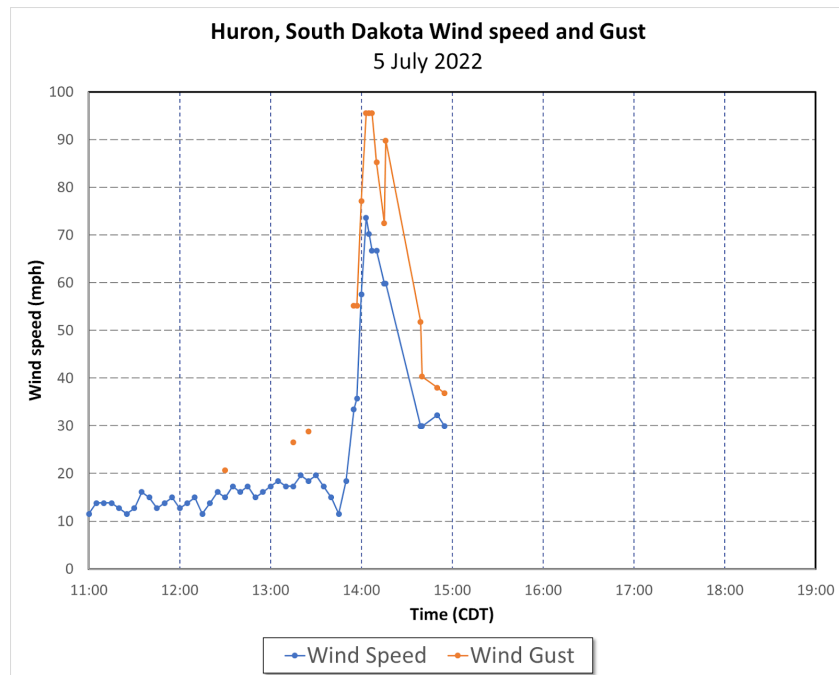
Here is a listing of wind observations from near and inside the WFO Sioux Falls County Warning Area between 1 PM and 4:30 PM CDT (1800 – 2130 UTC). Only stations with severe winds are included. All wind speeds are in mph.

Wolsey, South Dakota



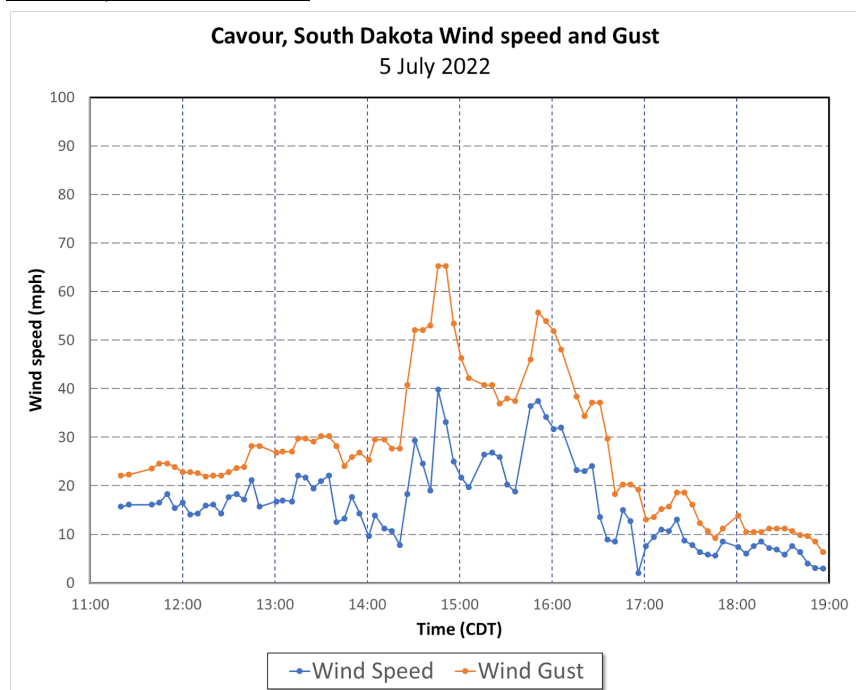
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1800	ENE	16.1	28.2	1951	NNE	23.7	45.6
1805	NE	15.4	27.0	1955	NE	23.7	42.7
1810	NE	13.0	25.0	2001	ENE	27.0	42.7
1815	NE	14.8	24.4	2006	ENE	26.8	42.7
1820	NNE	12.1	21.9	2016	ENE	24.1	40.9
1825	NW	13.4	19.2	2021	ENE	25.7	43.4
1830	WNW	32.0	42.5	2026	ENE	23.2	43.4
1845	NNW	48.7	76.4	2030	ENE	22.6	40.9
1850	NNW	55.0	77.8	2036	ENE	18.6	39.1
1905	NNW	39.1	59.9	2046	ENE	15.9	33.8
1911	NNW	34.4	52.5	2050	ENE	14.8	26.4
1915	NNW	34.9	47.6	2056	NE	14.5	27.9
1920	N	33.3	47.6	1601	ENE	15.7	27.9
1925	N	19.7	43.1	1605	ENE	11.6	25.7
1930	NNE	28.2	45.2	1616	ENE	16.5	26.8
1936	NE	19.9	45.2	1621	ENE	15.2	26.8
1941	NNE	24.8	43.4	1626	ENE	14.8	25.3
1946	NNE	24.6	45.6	1631	ENE	12.1	25.3

Huron, South Dakota



Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1800	ENE	17.3		1415	NW	59.8	72.5
1805	ENE	18.4		1416	NW	59.8	89.8
1810	ENE	17.3		1439	N	29.9	51.8
1815	ENE	17.3	26.5	1440	N	29.9	40.3
1820	ENE	19.6		1450	N	32.2	38.0
1825	ENE	18.4	28.8	1455	NNE	29.9	36.8
1830	NE	19.6					
1835	NE	17.3					
1840	NE	15					
1845	NE	11.5					
1850	NNW	18.4					
1855	NW	33.4	55.2				
1857	NW	35.7	55.2				
1400	NW	54.5	77.1				
1403	NW	73.6	95.5				
1405	NW	70.2	95.5				
1407	NW	66.7	95.5				
1410	NW	66.7	85.2				

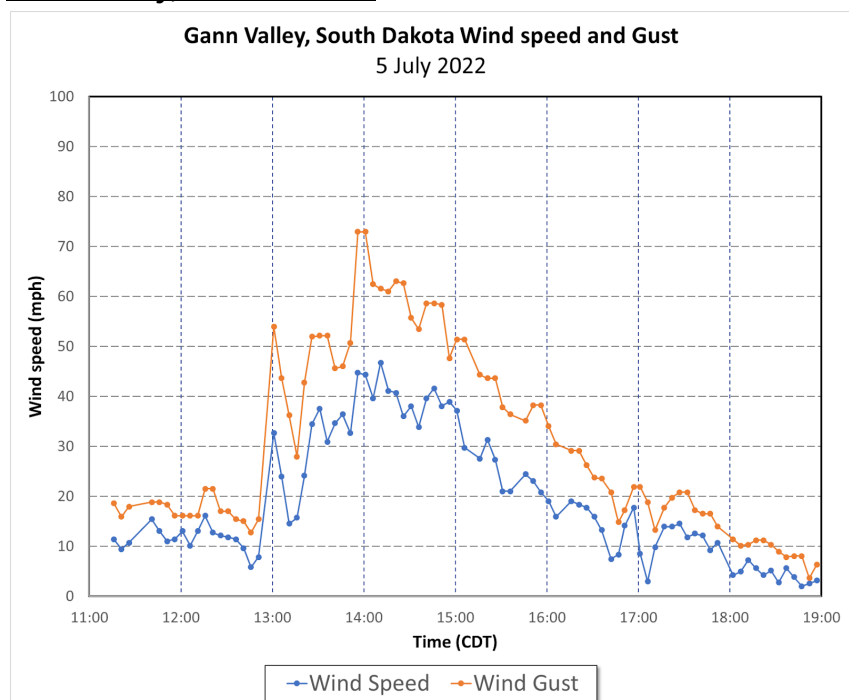
Cavour, South Dakota



Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1801	ESE	16.8	26.8	1941	N	19.0	53.0
1805	ESE	17.0	27.0	1946	NNE	39.8	65.3
1811	ESE	16.8	27.0	1951	NNW	33.1	65.3
1815	ESE	22.1	29.7	1956	N	25.0	53.4
1820	ESE	21.7	29.7	2001	N	21.7	46.3
1825	ESE	19.4	29.1	2006	NNE	19.7	42.2
1830	ESE	21.0	30.2	2016	ENE	26.4	40.7
1835	ESE	22.1	30.2	2021	ENE	26.8	40.7
1840	E	12.5	28.2	2026	ENE	25.9	36.9
1845	E	13.2	24.1	2031	E	20.3	38.0
1850	E	17.7	25.9	2036	E	18.8	37.5
1855	E	14.3	26.8	2046	ESE	36.4	46.0
1901	E	9.6	25.3	2051	SE	37.5	55.7
1905	E	13.9	29.5	2056	ESE	34.2	53.9
1911	E	11.2	29.5	2001	SE	31.7	51.9
1916	ENE	10.7	27.7	2006	SE	32.0	48.1
1921	N	7.8	27.7	2016	ESE	23.2	38.4
1926	N	18.3	40.7	2021	ESE	23.0	38.4
1931	NNE	29.3	52.1	2026	ESE	24.1	37.1
1936	N	24.6	52.1	2031	E	13.6	37.1

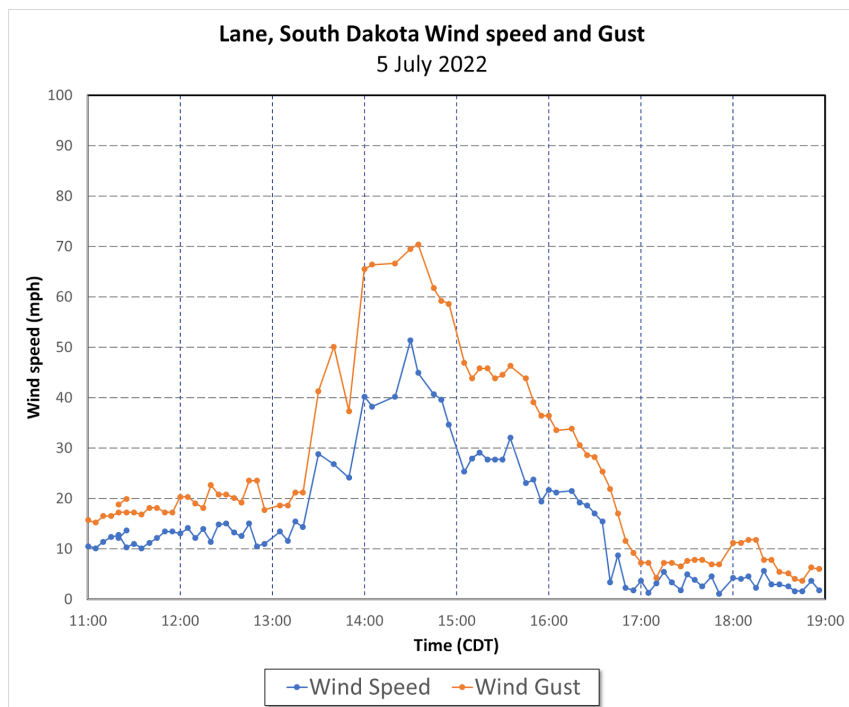
*Note: Strong gusts after 1940 UTC were due to a wake low.

Gann Valley, South Dakota



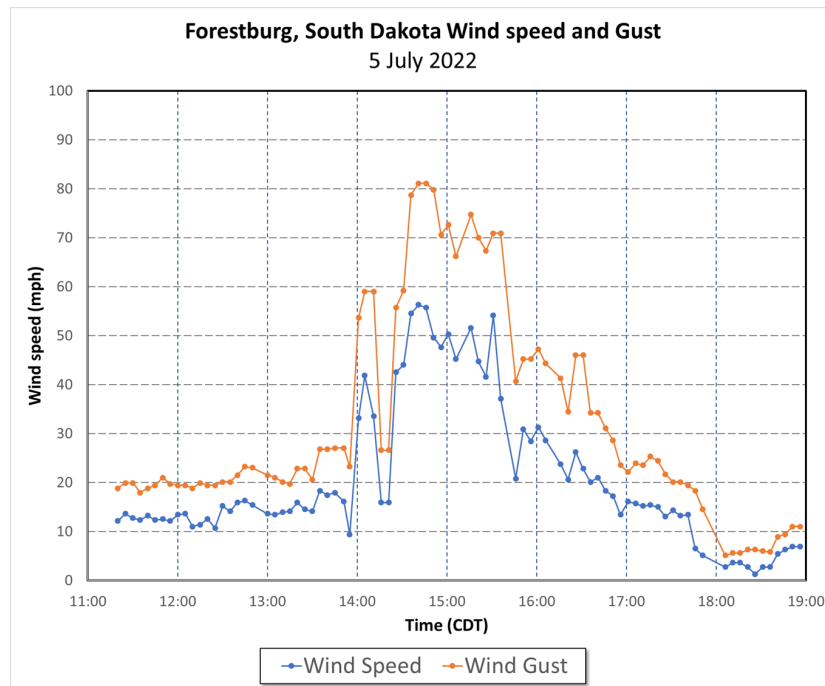
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1801	WNW	32.6	53.9	1941	ENE	39.6	58.6
1806	NNW	23.9	43.6	1946	ENE	41.6	58.6
1811	N	14.5	36.2	1951	E	38.0	58.3
1816	N	15.7	27.9	1956	E	38.9	47.6
1821	NNE	24.1	42.7	2001	E	37.1	51.4
1826	NNE	34.4	51.9	2006	E	29.7	51.4
1831	NNE	37.5	52.1	2016	ESE	27.5	44.3
1836	NNE	30.9	52.1	2021	ESE	31.3	43.6
1841	NNE	64.6	45.6	2026	ESE	27.3	43.6
1846	NNE	36.4	46.0	2031	ESE	21.0	37.8
1851	NNE	32.6	50.7	2036	ESE	21.0	36.4
1856	NE	44.7	72.9	2046	ESE	64.4	35.1
1901	NE	44.3	72.9	2051	ESE	23.0	38.2
1906	NE	39.6	62.4	2056	ESE	20.8	38.2
1911	ENE	46.7	61.5	2001	ESE	19.0	34.0
1916	ENE	41.1	61.0	2006	ESE	15.9	30.4
1921	ENE	40.7	63.0	2016	ESE	19.0	29.1
1926	ENE	36.0	62.6	2021	SE	18.3	29.1
1931	ENE	38.0	55.7	2026	SE	17.7	26.2
1936	ENE	33.8	53.4	2031	SE	15.9	26.7

Lane, South Dakota



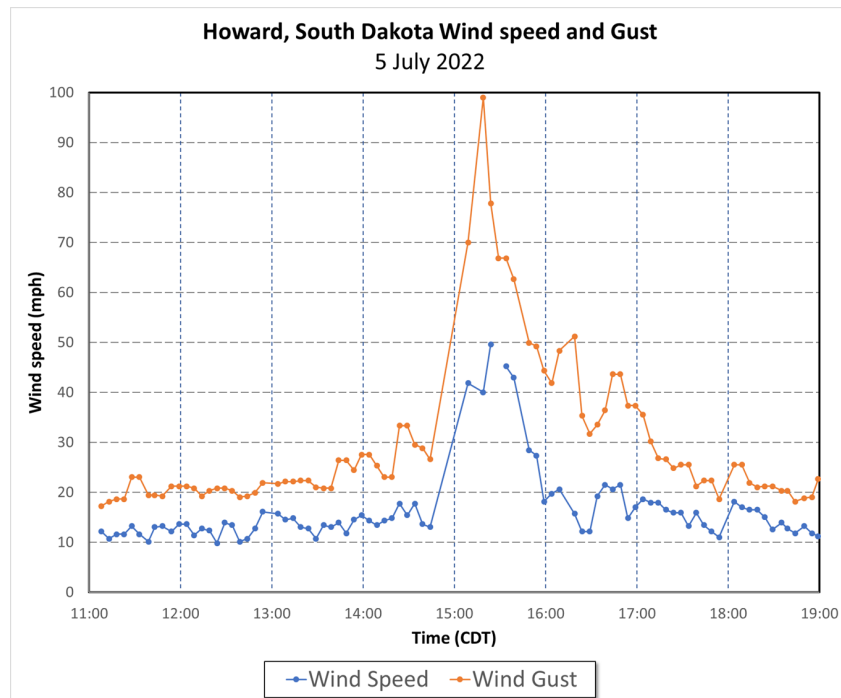
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1805	ESE	13.4	18.6	2030	ENE	27.7	44.5
1810	ESE	11.6	18.6	2035	ENE	32.0	46.3
1815	ESE	15.4	21.2	2045	ENE	23.0	43.8
1820	ESE	14.3	21.2	2050	E	23.7	39.1
1830	WNW	28.8	41.3	2055	E	19.4	36.4
1840	NNW	26.8	50.1	2100	E	21.7	36.4
1850	NNW	24.1	37.3	2105	E	21.2	33.5
1900	NNW	40.2	65.5	2115	E	21.5	33.8
1905	N	38.2	66.4	2120	E	19.2	30.6
1920	N	41.2	66.6	2125	E	18.6	28.6
1930	NNE	51.4	69.5	2130	E	17.0	28.2
1935	NNE	44.9	71.4				
1945	NE	401.7	61.7				
1950	NE	39.6	59.2				
1955	NNE	34.6	58.6				
2005	NNE	25.3	46.9				
2010	NNE	27.9	43.8				
2015	NE	29.1	45.8				
2020	NE	27.7	45.8				
2025	NE	27.7	43.8				

Forestburg, South Dakota



Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1800	ENE	13.6	21.5	1941	NW	56.3	81.1
1805	ENE	13.4	21.0	1946	NNW	55.7	81.1
1810	ENE	13.9	20.1	1951	NNW	49.6	79.8
1815	ENE	14.1	19.7	1956	NNW	47.6	70.6
1820	NE	15.9	22.8	2001	NNW	50.3	72.6
1825	NE	14.5	22.8	2006	NNW	45.2	66.2
1830	NE	14.1	20.6	2016	N	51.6	74.7
1835	NE	18.3	26.8	2021	N	44.7	70.0
1840	ENE	17.4	26.8	2026	N	41.6	67.3
1845	ENE	17.9	27.0	2031	NNE	54.1	70.9
1851	ENE	16.1	27.0	2036	NNE	37.1	70.9
1855	ENE	9.4	23.2	2046	NNE	20.8	40.7
1901	WNW	33.1	53.6	2051	NNE	30.9	45.2
1905	WNW	41.8	59.0	2056	NNE	28.4	45.2
1911	W	33.5	59.0	2101	NE	31.3	47.2
1916	W	15.9	26.6	2106	NE	28.6	44.3
1921	WSW	15.9	26.6	2016	ENE	23.7	41.3
1926	NW	42.5	55.7	2021	ENE	20.6	34.4
1931	NW	44.0	59.2	2026	NE	26.2	46.0
1936	NW	54.5	78.7	2031	NE	22.8	46.0

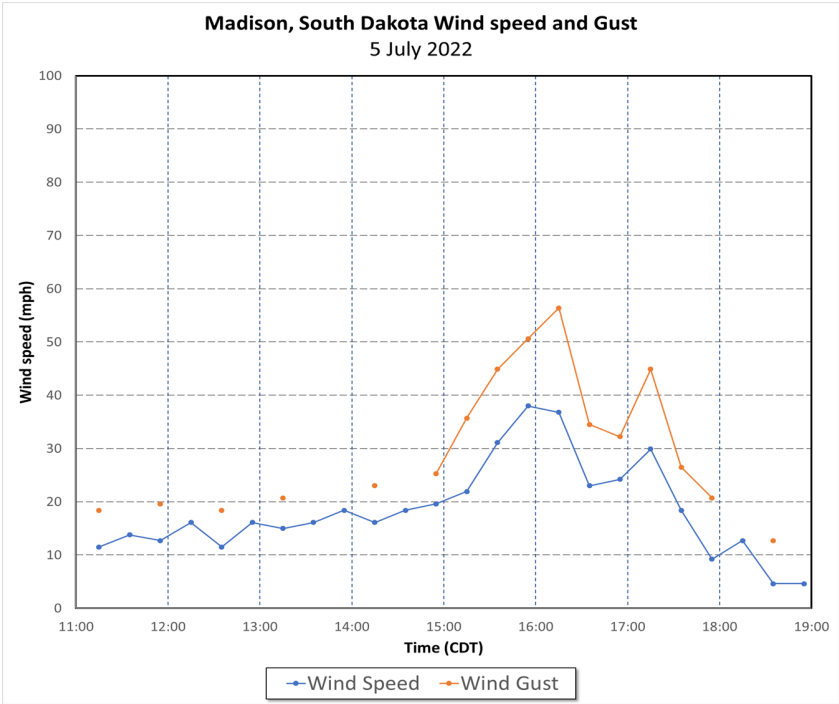
Howard, South Dakota



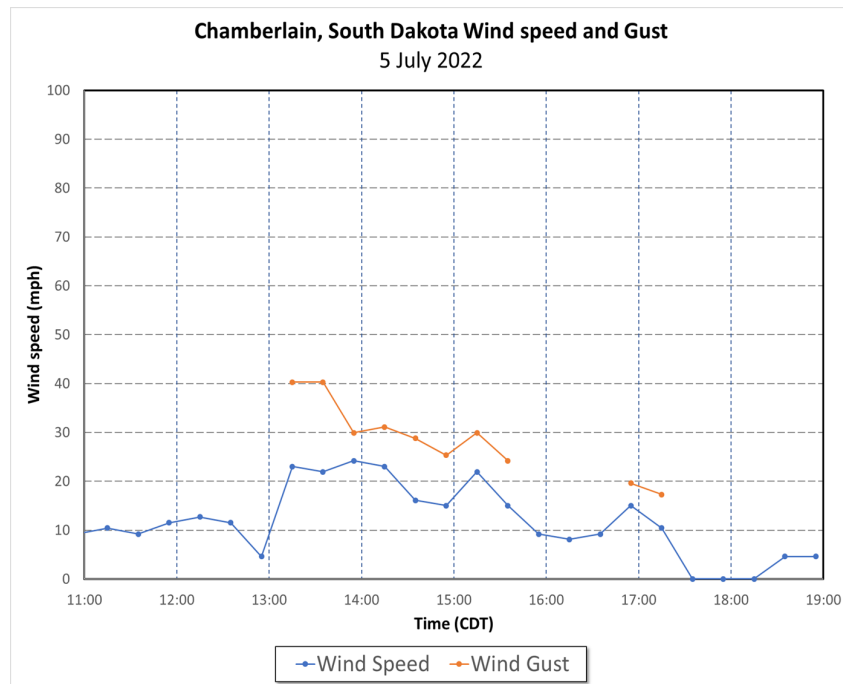
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1804	ENE	15.7	21.7	1944	NE	13.0	26.6
1809	ENE	14.5	22.1	2009	WSW	14.8	70.0
1814	ENE	14.8	22.1	2019	W	40.0	99.0
1819	NE	13.0	22.3	2024	W	19.6	77.8
1824	ENE	12.7	22.3	2029	Missing	Missing	66.8
1829	NE	10.7	21.0	2034	WNW	45.2	66.8
1834	NE	13.4	20.8	2039	NW	42.9	62.6
1839	NE	13.0	20.8	2049	NNW	28.4	49.9
1844	ENE	13.9	26.4	2054	NNW	27.3	49.2
1849	NE	11.8	26.4	2059	NNW	18.1	44.3
1854	ENE	14.5	24.4	2104	N	19.7	41.8
1859	NE	15.4	27.5	2109	N	20.6	48.3
1904	NE	14.3	27.5	2119	NNE	15.7	51.2
1909	NE	13.4	25.3	2124	NNE	12.1	35.3
1914	NE	14.3	23.0	2129	NNE	12.1	31.7
1919	NE	14.8	23.0				
1924	NE	17.7	33.3				
1929	NE	15.4	33.3				
1934	NE	17.7	29.5				
1939	NE	13.6	28.8				

*Passage of outflow boundary is missing

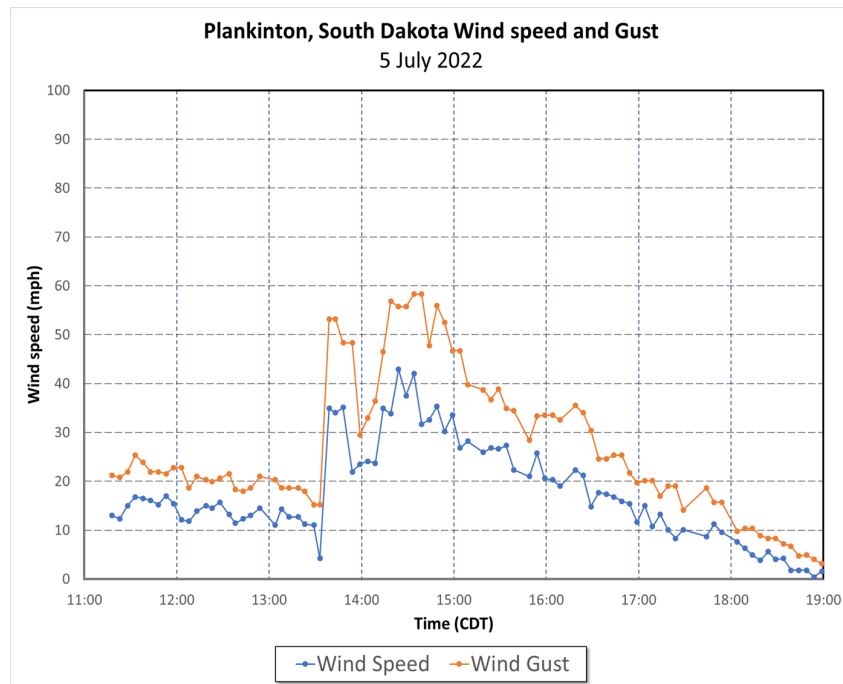
Madison, South Dakota

[illegible]

Chamberlain, South Dakota

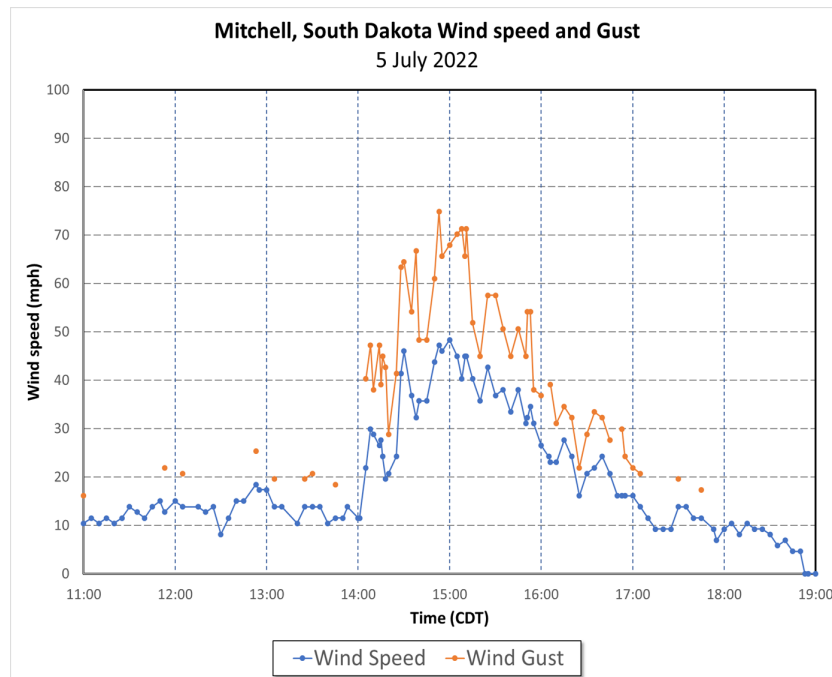
[illegible]

Plankinton, South Dakota



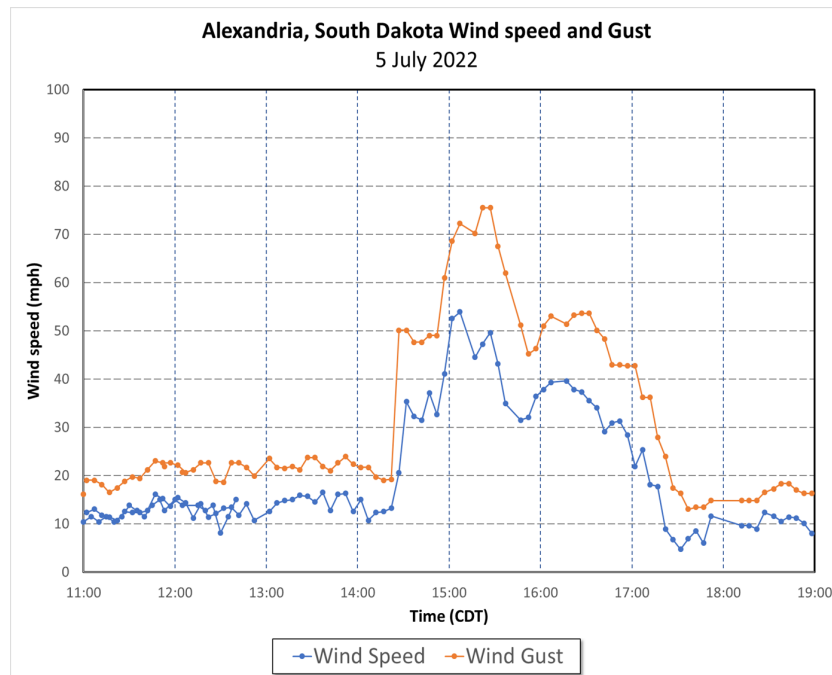
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1804	ESE	11.0	20.3	1944	N	32.	47.8
1808	SE	14.3	18.6	1949	N	35.3	55.9
1813	SE	12.7	18.6	1954	NNE	30.2	52.5
1819	SE	12.7	18.6	1959	NNE	33.5	46.7
1823	SE	11.2	17.9	2004	NNE	26.8	46.7
1829	SSE	11.0	15.2	2009	NNE	28.2	36.8
1833	SSW	4.2	15.2	2019	NNE	25.9	38.7
1839	NW	34.9	53.2	2024	NE	26.8	36.7
1843	NW	34.0	53.2	2029	NE	26.6	38.9
1848	NNW	35.1	48.3	2034	NE	27.3	34.9
1854	NNW	21.9	48.3	2039	NE	22.3	34.4
1859	NNW	23.5	29.5	2049	NE	21.0	28.4
1904	NNW	24.1	32.9	2054	NE	25.7	33.3
1909	NNW	23.7	36.4	2059	NE	20.6	33.5
1914	NNW	34.9	46.5	2104	NE	20.3	33.5
1919	N	33.8	46.8	2109	ENE	19.0	32.6
1924	N	42.9	55.7	2119	ENE	22.3	35.5
1929	N	37.5	55.7	2124	ENE	21.2	34.0
1934	N	42.0	58.3	2129	ENE	14.8	30.4
1939	N	31.7	58.3				

Mitchell, South Dakota



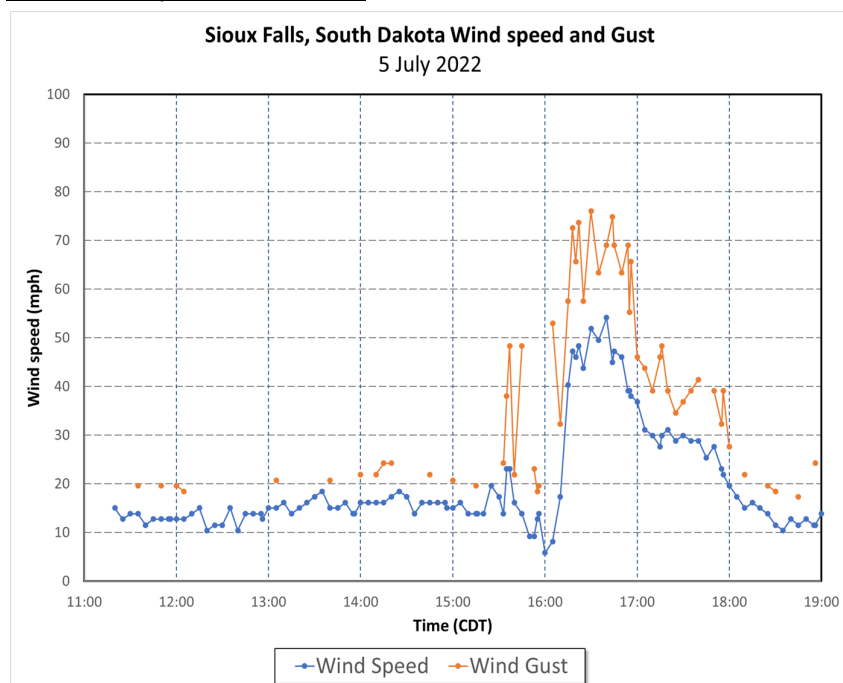
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1800	ESE	17.3		1940	N	35.7	48.3
1805	ESE	13.8	19.6	1945	N	35.7	48.3
1810	ESE	13.8		1950	N	43.7	61.0
1820	ESE	10.4		1953	N	47.2	74.8
1825	E	13.8	19.6	1955	N	46.0	65.6
1830	ESE	13.8	20.7	2000	N	28.3	67.9
1835	ESE	13.8		2005	N	44.9	70.2
1840	ESE	10.4		2008	N	40.3	71.3
1845	SE	11.5	18.4	2010	N	44.9	65.6
1850	SE	11.5		2011	N	44.9	71.3
1853	SE	13.8		2015	NNE	40.3	51.8
1900	SSE	11.5		2020	N	35.7	44.9
1901	SSE	11.5		2025	NNE	42.6	57.5
1905	W	21.9	40.3	2030	NNE	36.8	57.5
1908	WNW	29.9	47.2	2035	NNE	38.0	50.6
1910	WNW	28.8	38.0	2040	NE	33.4	44.9
1914	WNW	26.5	47.2	2045	NE	38.0	50.6
1915	WNW	27.6	39.1	2050	NE	31.1	44.9
1916	WNW	24.2	44.9	2051	NE	32.2	54.1
1918	W	19.6	42.6	2053	NE	34.5	54.1
1920	W	20.7	28.8	2055	NNE	31.1	38.0
1925	W	24.2	41.4	2100	NNE	26.5	36.8
1928	WNW	41.4	63.3	2105	NE	24.2	
1930	NW	46.0	64.4	2106	NE	23.0	39.1
1935	NNW	36.8	54.1	2110	NNE	23.0	31.1
1938	N	32.2	66.7	2115	NE	27.6	34.5

Alexandria, South Dakota



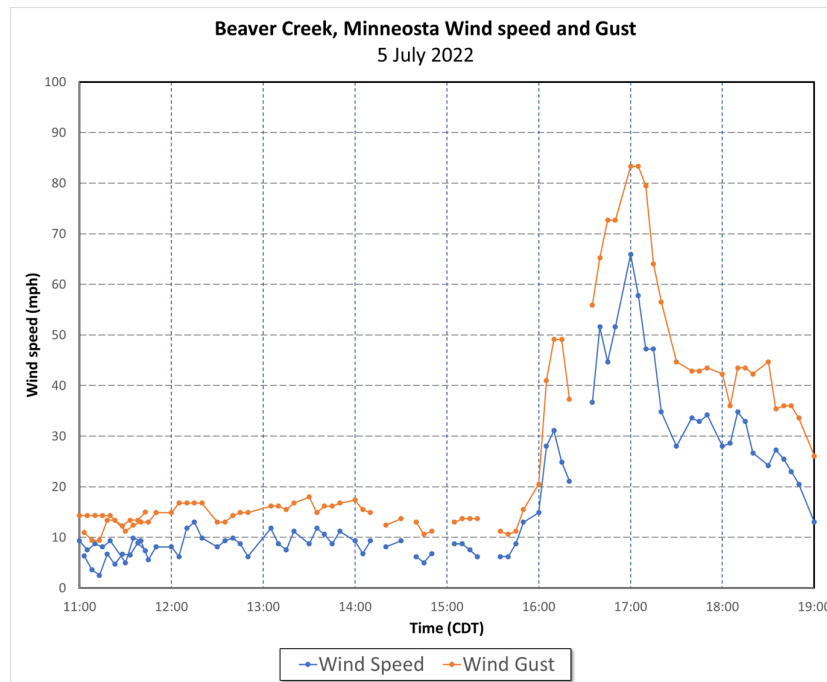
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1802	E	12.5	23.5	2017	NW	44.5	70.2
1807	ENE	14.3	21.7	2022	NNW	47.2	75.5
1812	ENE	14.8	21.5	2027	NNW	49.6	75.5
1817	E	15.0	21.9	2032	NNW	43.1	67.5
1822	E	15.9	21.2	2037	NNW	34.9	61.9
1827	E	15.7	23.7	2047	NNW	31.5	51.2
1832	E	14.5	23.7	2052	NNW	32.0	45.2
1837	ENE	16.5	21.9	2057	NNW	36.4	46.3
1842	E	12.7	21.0	2102	N	37.8	51.0
1847	E	16.1	22.6	2107	N	39.3	53.0
1852	E	16.3	23.9	2117	N	39.6	51.4
1857	E	12.5	22.3	2122	NNE	37.8	53.2
1902	E	15.0	21.7	2127	N	37.3	53.6
1907	E	0.7	21.7	2132	NNE	37.3	53.6
1912	E	12.3	19.7				
1917	ESE	12.5	19.0				
1922	ESE	13.2	19.2				
1927	SW	20.6	50.1				
1932	WSW	35.3	50.1				
1937	WNW	32.2	47.6				
1942	NW	31.5	47.6				
1947	WNW	37.1	49.0				
1952	W	32.6	49.0				
1957	WNW	41.1	61.0				
2002	NW	52.5	68.6				
2007	NW	53.9	72.2				

Sioux Falls, South Dakota



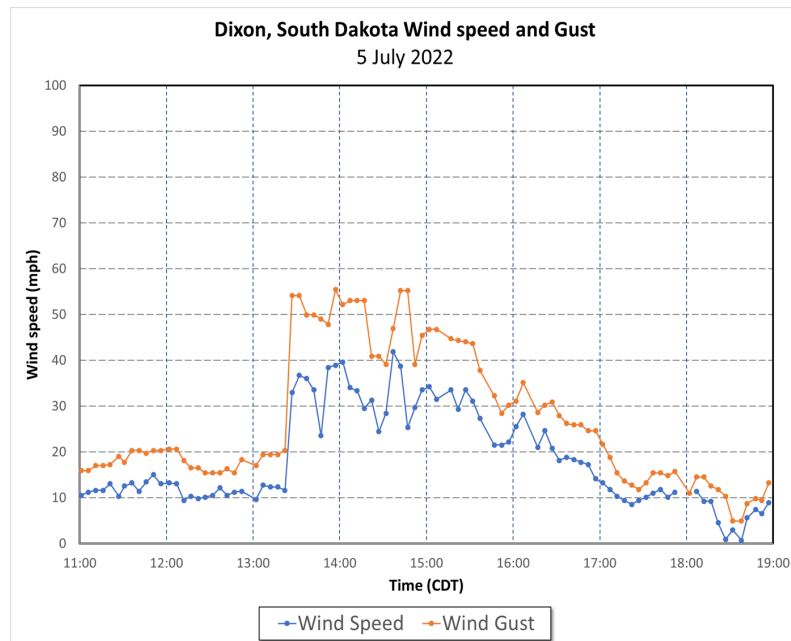
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1800	E	15.0		2000	E	15.0	
1805	E	15.0	20.7	2005	E	16.1	
1810	E	16.1		2010	E	13.8	
1815	E	13.8		2015	E	13.8	19.6
1820	E	15.0		2016	E	13.8	
1825	ESE	16.1		2020	E	13.8	
1830	ESE	17.3		2025	E	19.6	
1835	ESE	18.4		2030	E	17.3	
1840	ESE	15.0	20.7	2033	SSE	13.8	24.2
1845	E	15.0		2035	SW	23.0	38.0
1850	E	16.1		2037	WSW	23.0	48.3
1855	E	13.8		2040	WSW	16.1	21.9
1856	E	13.8		2045	WSW	13.8	48.3
1900	E	16.1	21.9	2050	SW	9.2	
1905	E	16.1		2053	SW	9.2	23.0
1910	E	16.1	21.9	2055	SSW	12.7	18.4
1915	E	16.1	24.2	2056	SSW	13.8	19.6
1920	ESE	17.3	24.2	2100	SSE	5.8	
1925	ESE	18.4		2105	NNW	8.1	52.9
1930	ESE	17.3		2110	N	17.3	32.2
1935	E	13.8		2115	NW	40.3	57.5
1940	E	16.1	21.9	2118	NNW	47.2	72.5
1945	E	16.1		2120	NNW	46.0	65.6
1950	E	16.1		2122	NNW	48.3	73.6
1955	E	16.1		2125	NW	43.7	57.5
1956	E	15.0	20.7	2130	NNW	51.8	76.0

Beaver Creek, MN



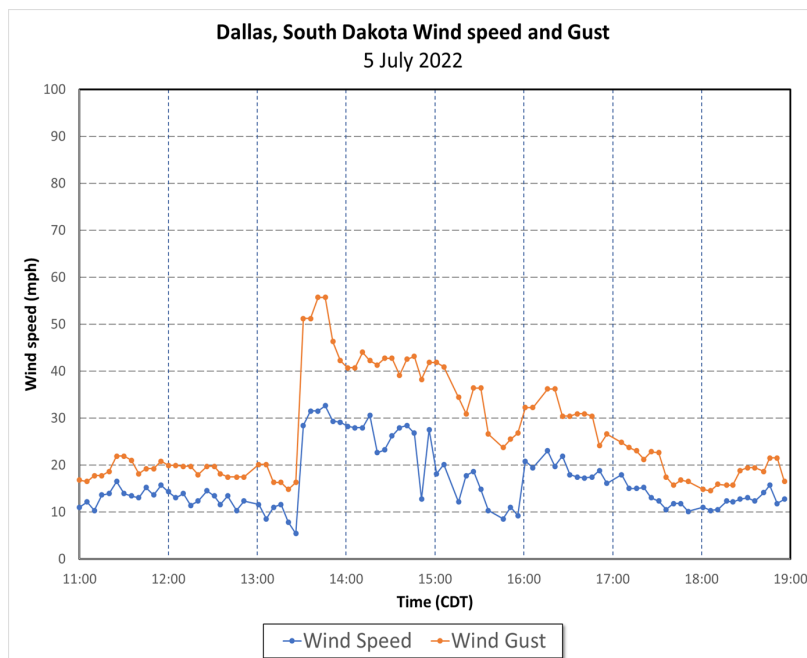
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1805	ESE	11.8	16.2	2105	SE	28.0	41.0
1810	ESE	8.7	16.2	2110	SW	31.1	49.1
1815	ESE	7.5	16.8	2115	SW	24.9	49.1
1820	ESE	11.2	17.4	2120	S	21.1	37.3
1830	ESE	8.7	15.5				
1835	ESE	11.8	14.9				
1840	ESE	10.6	16.2				
1845	E	8.7	16.2				
1850	ESE	11.2	16.8				
1900	ESE	9.3	17.4				
1905	ESE	6.8	15.5				
1910	ESE	9.3	14.9				
1920	ESE	8.1	12.4				
1930	ENE	9.3	13.7				
1940	ENE	6.2	13.0				
1945	E	5.0	10.6				
1950	ENE	6.8	11.2				
2005	E	8.7	13.0				
2010	ESE	8.7	13.7				
2015	ESE	7.5	13.7				
2020	E	6.2	13.7				
2035	E	6.2	11.2				
2040	E	6.2	10.6				
2045	E	8.7	11.2				
2050	E	13.0	15.5				
2100	E	14.9	20.5				

Dixon, SD



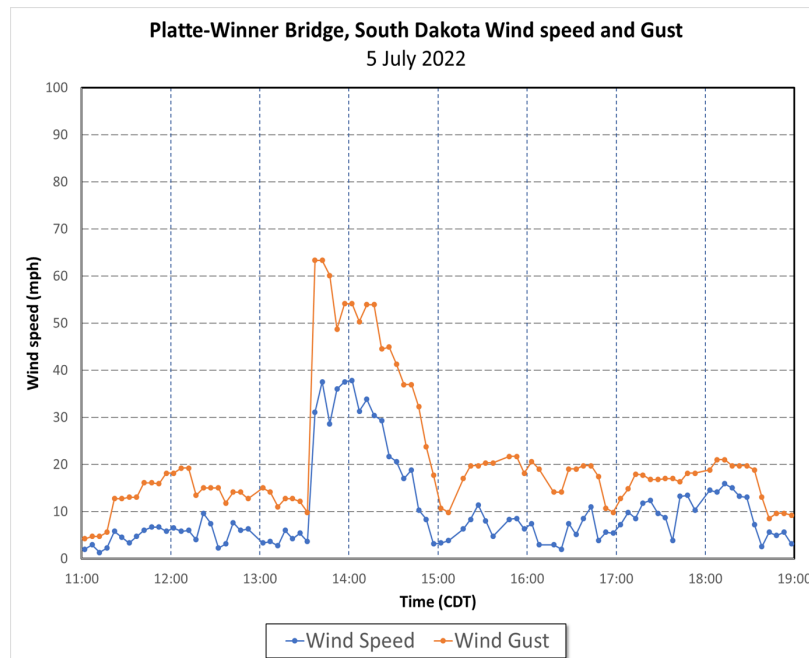
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1802	E	9.6	17.0	2017	NNE	33.5	44.7
1807	E	12.7	19.4	2022	NE	29.3	44.3
1812	E	12.3	19.4	2027	NE	33.5	44.0
1817	E	12.3	19.4	2032	NE	31.1	43.6
1822	N	11.6	20.3	2037	NE	27.3	37.8
1827	NNW	32.9	54.1	2047	NE	21.5	32.2
1832	NW	36.7	54.1	2052	NE	21.5	28.4
1837	NNW	36.0	49.9	2057	NE	22.1	30.2
1842	NNW	33.5	49.9	2102	ENE	25.5	31.1
1847	N	23.5	49.0	2107	ENE	28.2	35.1
1852	N	38.4	47.8	2117	ENE	21.0	28.6
1857	N	38.9	55.4	2122	ENE	24.6	30.2
1902	N	39.6	52.1	2127	ENE	20.8	30.9
1907	NNE	34.0	53.0	2132	ENE	18.1	27.9
1912	NNE	33.3	53.0				
1917	NNE	29.5	53.0				
1922	NNE	31.3	40.9				
1927	NNE	24.4	10.9				
1932	NNE	28.4	39.1				
1937	N	41.8	46.9				
1942	NNE	38.7	55.2				
1947	NNE	25.3	55.2				
1952	NNE	29.7	39.1				
1957	NNE	33.5	45.4				
2002	NNE	34.2	46.7				
2007	NNE	31.5	46.7				

Dallas, SD



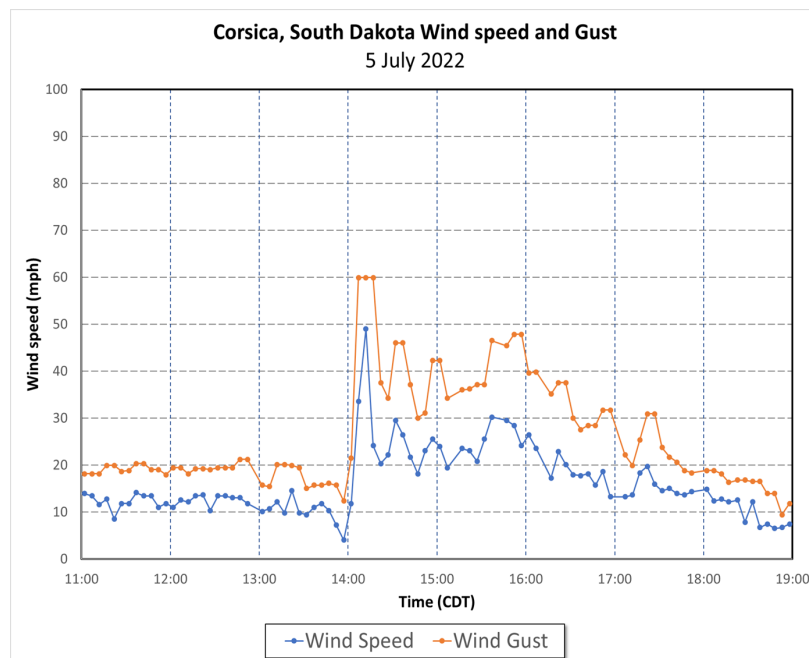
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1801	E	11.6	20.1	2016	NNE	12.1	34.4
1806	E	8.5	20.1	2021	NNE	17.7	30.9
1811	E	11.0	16.3	2026	NNE	18.6	36.4
1816	ENE	11.6	16.3	2031	NNE	14.8	36.4
1821	ENE	7.8	14.8	2036	NNE	10.3	26.6
1826	ENE	5.4	16.3	2046	NNE	8.5	23.7
1831	NNW	28.4	51.2	2051	NE	11.0	25.5
1836	NNW	31.5	51.2	2056	NE	9.2	26.8
1841	NNW	31.5	55.7	2101	ENE	20.8	32.2
1846	N	32.6	55.7	2106	ENE	19.4	32.2
1851	N	29.3	46.3	2116	ENE	23.0	26.2
1856	N	29.1	42.2	2121	ENE	19.7	36.2
1901	N	28.2	40.7	2126	ENE	21.9	30.4
1906	N	27.9	10.7	2131	ENE	17.9	30.4
1911	N	27.9	44.0				
1916	N	30.6	42.2				
1921	N	22.6	41.3				
1926	NNE	23.2	42.7				
1931	N	26.2	42.7				
1936	N	27.9	39.1				
1941	N	28.4	42.5				
1946	N	26.8	43.1				
1951	NNE	12.7	38.2				
1956	N	27.5	41.8				
2001	NNE	18.1	41.8				
2006	NNE	20.1	40.9				

Platte-Winnter Bridge, SD



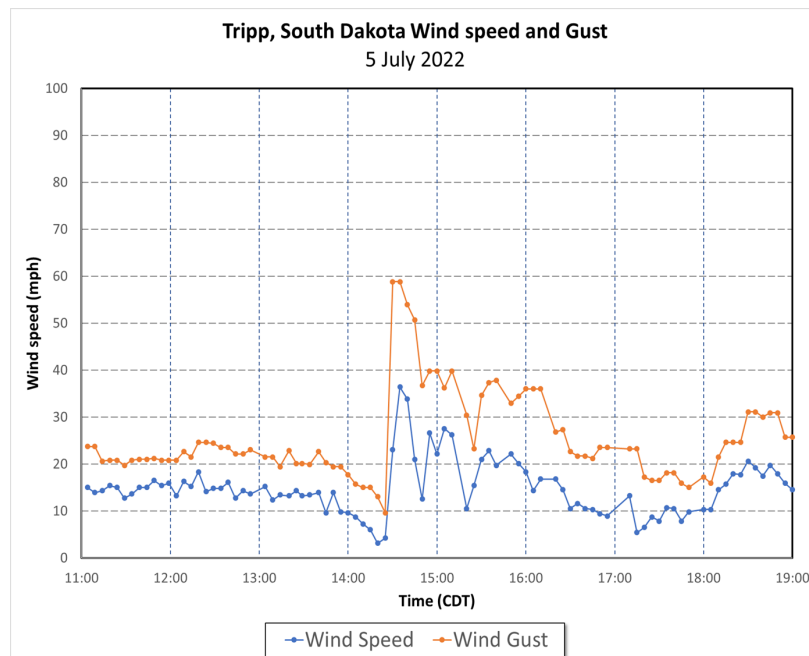
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1802	ENE	3.3	15.0	2017	N	6.3	17.0
1807	ENE	3.6	14.1	2022	NNW	8.3	19.7
1812	E	2.7	11.0	2027	N	11.4	19.7
1817	E	6.0	12.7	2032	N	8.0	20.3
1822	ENE	4.2	12.7	2037	NNE	4.7	20.3
1827	E	5.4	12.1	2048	NNE	8.3	21.7
1832	NNE	3.6	9.8	2053	NE	8.5	21.7
1837	NNW	31.1	63.3	2058	NE	6.3	18.1
1842	NNW	37.5	63.3	2103	NNE	7.4	20.6
1847	NNW	28.6	60.1	2108	ENE	2.9	19.0
1852	NNW	36.0	48.7	2113	SE	2.9	14.1
1857	NNW	27.5	54.1	2128	NNW	2.0	14.1
1902	NNW	37.8	54.1	2123	E	7.4	19.0
1907	NNW	31.3	50.3	2138	ENE	5.1	19.0
1912	N	33.8	53.9				
1917	N	30.4	53.9				
1922	N	29.3	44.5				
1927	N	21.7	44.9				
1932	NNE	20.6	41.3				
1937	NNE	17.0	36.9				
1942	N	18.8	36.9				
1947	N	10.3	32.2				
1952	NW	8.3	23.7				
1957	SW	3.1	17.7				
2002	SE	3.3	10.7				
2007	NE	3.8	9.8				

Corsica, SD



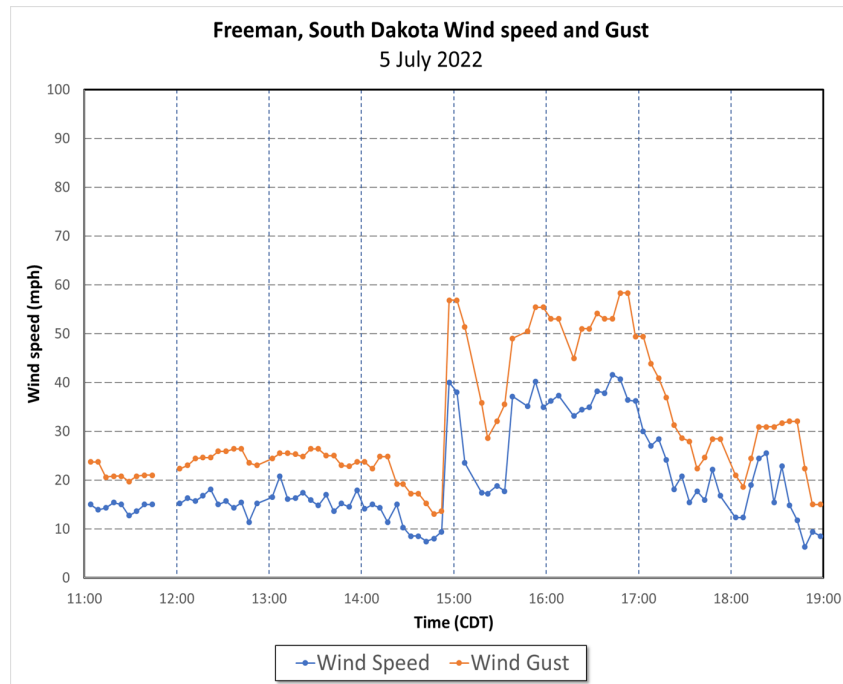
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1802	E	10.1	15.7	2017	N	23.5	36.0
1807	ESE	10.7	15.4	2022	NNE	23.0	36.2
1812	ESE	12.1	20.1	2027	N	20.8	37.1
1817	E	9.8	20.1	2032	N	25.5	37.1
1822	ESE	14.5	19.9	2037	NNE	30.2	46.5
1827	ESE	9.8	19.4	2047	NNE	29.5	45.4
1832	SE	9.4	15.0	2052	NNE	28.4	47.8
1837	ESE	11.0	15.7	2057	NNE	24.1	47.8
1842	ESE	11.8	15.7	2102	NNE	26.4	39.6
1847	E	10.3	16.1	2107	NNE	23.5	39.8
1852	ESE	7.2	15.7	2117	NE	17.2	35.1
1857	E	4.0	12.3	2122	NE	22.8	37.5
1902	N	11.8	21.5	2127	NE	20.1	37.5
1907	NNW	33.5	59.9	2132	NE	17.9	30.0
1912	NNW	49.0	59.9				
1917	NNW	24.1	59.9				
1922	NNW	20.3	37.5				
1927	N	22.1	34.2				
1932	N	29.5	46.0				
1937	NNW	26.4	46.0				
1942	NW	21.7	37.1				
1947	NNW	18.1	30.0				
1952	NNW	23.0	31.1				
1957	N	25.5	42.2				
2002	N	23.9	42.2				
2007	N	19.4	34.2				

Tripp, SD



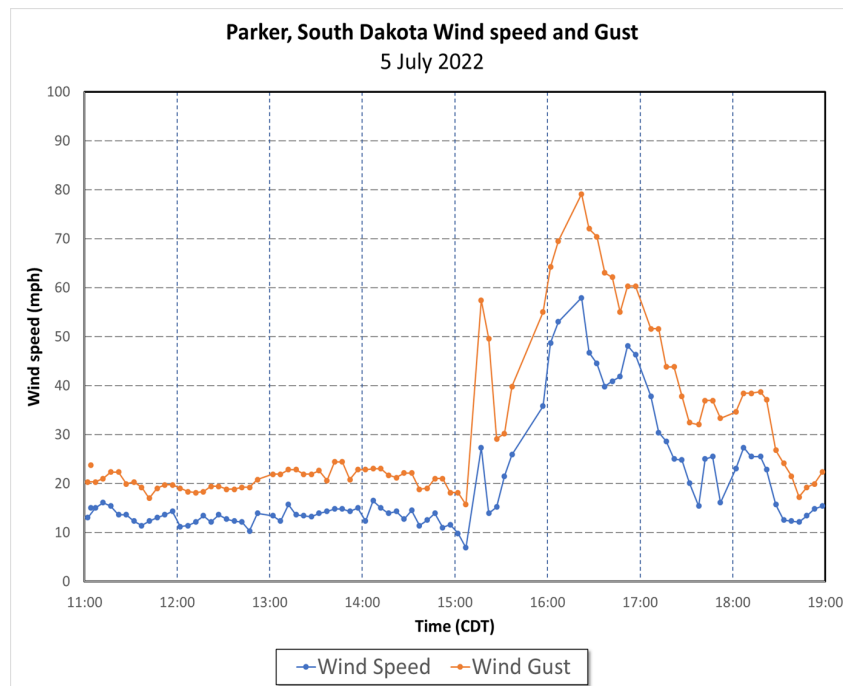
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1804	ESE	15.2	21.5	2020	NW	10.5	30.4
1809	ENE	12.3	21.5	2025	NNW	15.4	23.2
1814	ESE	13.4	19.4	2030	NNW	21.0	34.6
1820	E	13.2	22.8	2035	N	22.8	37.3
1825	ENE	14.3	20.1	2040	N	19.7	37.8
1829	ESE	13.2	20.1	2050	N	22.1	32.9
1834	ESE	13.4	19.9	2055	N	20.1	34.4
1840	E	13.9	22.6	2100	N	18.3	36.0
1845	SE	9.6	20.3	2105	N	14.3	36.0
1850	E	13.9	19.4	2110	N	16.8	36.0
1855	ENE	9.8	19.4	2120	N	16.8	26.8
1900	ESE	9.6	17.7	2125	N	14.5	27.3
1905	ESE	8.7	15.7	2130	N	10.5	22.6
1910	E	7.2	15.0				
1915	E	6.0	15.0				
1920	ENE	3.1	13.0				
1925	NE	4.2	9.6				
1930	NNW	23.0	58.8				
1935	NW	36.4	58.8				
1940	NW	33.8	53.9				
1945	NNW	21.0	50.7				
1950	N	12.5	36.7				
1955	NNW	26.6	36.8				
2000	NW	22.1	36.8				
2005	NW	27.5	36.2				
2010	NW	26.2	39.8				

Freeman, SD



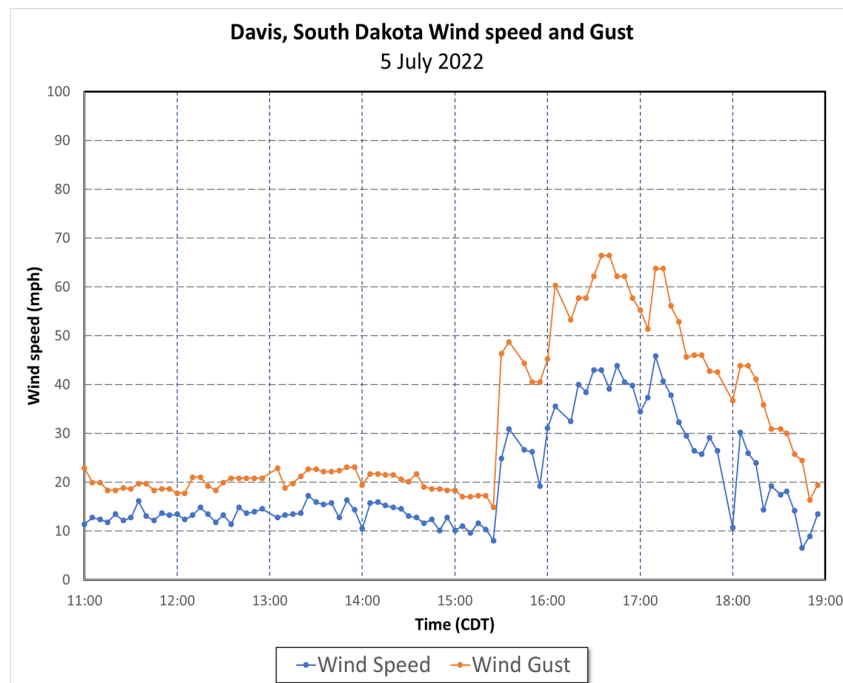
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1802	E	16.5	24.4	2018	NNW	17.4	35.8
1807	E	20.8	25.5	2022	NNW	17.2	28.6
1812	ESE	16.1	25.5	2028	NW	18.8	32.0
1817	E	16.3	25.3	2033	NW	17.7	35.5
1822	E	17.4	24.8	2038	NNW	37.1	49.0
1827	E	15.9	26.4	2048	NNW	35.1	50.5
1832	E	14.8	26.4	2053	NNW	40.2	55.4
1837	ESE	17.0	25.0	2058	NNW	34.9	55.4
1842	ESE	13.6	25.0	2103	NNW	36.2	53.0
1847	E	15.2	23.0	2108	N	37.3	53.0
1852	ESE	14.5	22.8	2118	N	33.1	44.9
1857	E	17.9	23.7	2123	N	34.4	51.0
1902	ESE	14.1	23.7	2128	N	34.9	51.0
1907	ESE	15.0	22.3	2133	N	38.2	54.1
1912	ESE	14.3	24.8				
1917	ESE	11.4	24.8				
1922	SE	15.0	19.2				
1927	ESE	10.3	19.2				
1932	ESE	8.5	17.2				
1937	SE	8.5	17.2				
1942	ESE	7.4	15.2				
1947	ESE	8.0	13.0				
1952	SW	9.4	13.6				
1957	WNW	40.0	56.8				
2002	NW	38.0	56.8				
2007	NW	23.5	51.4				

Parker, SD



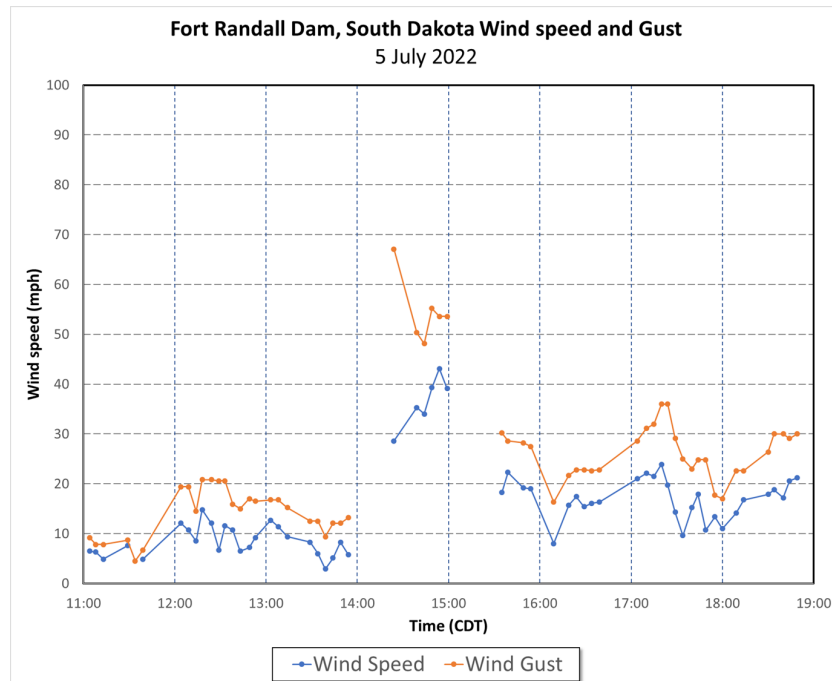
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1802	E	13.4	21.9	2017	WNW	27.3	57.4
1807	ESE	12.3	21.9	2022	NW	13.9	49.6
1812	ESE	15.7	22.8	2027	WNW	15.2	29.1
1817	ESE	13.6	22.8	2032	WNW	21.5	30.2
1822	ESE	13.4	21.9	2037	WNW	25.9	39.8
1827	E	13.2	21.9	2057	NNW	35.8	55.0
1832	ESE	13.9	22.6	2102	NNW	48.7	64.2
1837	ESE	14.3	20.6	2107	NNW	23.0	69.5
1842	ESE	14.8	24.4	2122	N	57.9	79.1
1847	ESE	14.8	24.4	2127	N	46.7	72.0
1852	E	14.3	20.8	2132	N	44.5	70.4
1857	E	15.0	22.8				
1902	ESE	12.3	22.8				
1907	ESE	16.5	23.0				
1912	ESE	15.0	23.0				
1917	ESE	13.9	21.7				
1922	ESE	14.3	21.2				
1927	ESE	12.7	22.1				
1932	ESE	14.5	22.1				
1937	ESE	11.4	18.8				
1942	ESE	12.5	19.0				
1947	ESE	13.9	21.0				
1952	ESE	11.0	21.0				
1957	ESE	11.6	18.1				
2002	SE	9.8	18.1				
2007	SSE	6.9	15.7				

Davis, SD



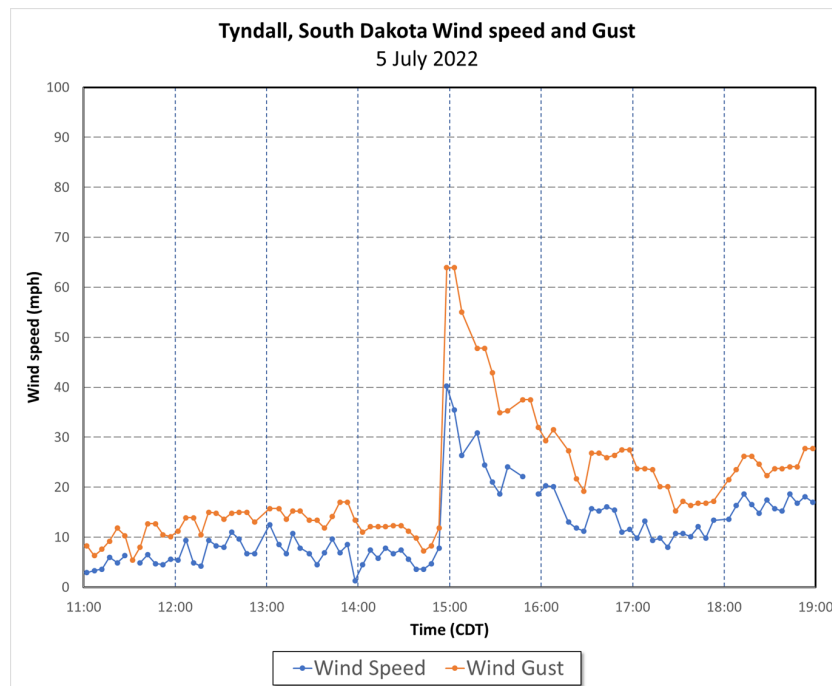
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1805	ESE	12.7	22.8	2015	SSE	11.6	17.2
1810	E	13.2	18.8	2020	S	10.3	17.2
1815	E	13.4	19.7	2025	S	8.0	14.8
1820	ESE	13.6	21.2	2030	WNW	24.8	46.3
1825	ESE	17.2	22.6	2035	NW	30.9	48.7
1830	E	15.9	22.6	2045	NW	26.6	44.3
1835	ESE	15.4	22.1	2050	NW	26.2	40.5
1840	ESE	15.7	22.1	2055	NW	19.2	40.5
1845	ESE	12.7	22.3	2100	NW	31.1	45.2
1850	ESE	16.3	23.0	2105	NW	35.5	60.3
1855	E	14.3	23.0	2115	NNW	32.4	53.2
1900	ESE	10.5	19.4	2120	NNW	40.0	57.7
1905	ESE	15.7	21.7	2125	NNW	38.4	57.7
1910	ESE	15.9	21.7	2130	N	42.9	62.1
1915	SE	15.2	21.5				
1920	SE	14.8	21.5				
1925	ESE	14.5	20.6				
1930	ESE	13.0	20.1				
1935	ESE	12.7	21.7				
1940	SE	11.6	19.0				
1945	SE	12.3	18.6				
1950	SE	10.1	18.6				
1955	SE	12.7	18.3				
2000	SE	10.1	18.3				
2005	SE	11.0	17.0				
2010	SSE	9.6	17.0				

Fort Randall Dam, SD



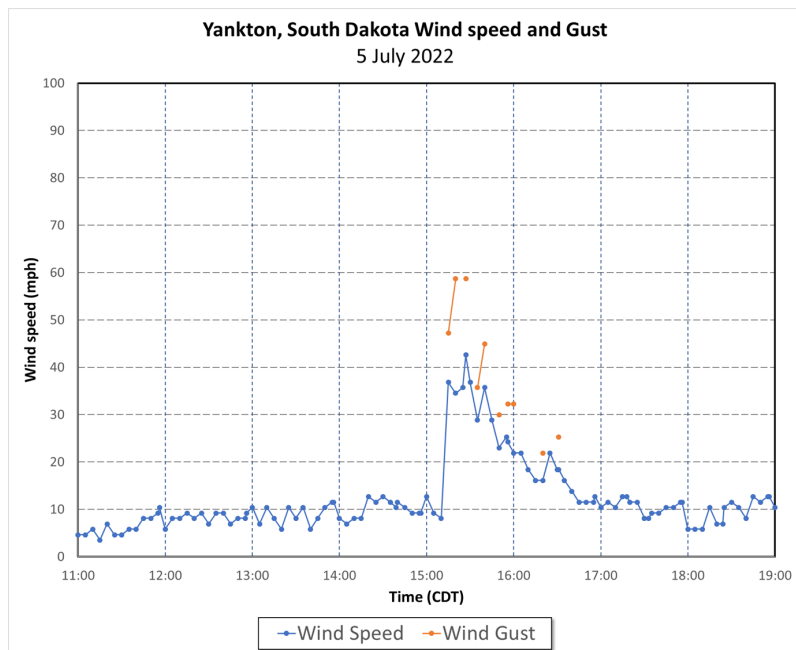
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1803	ESE	12.7	16.8				
1808	ESE	11.4	16.8				
1814	E	9.4	15.2				
1829	E	8.3	12.5				
1834	E	6.0	12.5				
1839	ESE	2.9	9.4				
1844	ESE	5.1	12.1				
1849	ENE	8.3	12.1				
1854	SE	5.8	13.2				
1924	NW	28.6	67.1				
1936	NNW	35.3	50.3				
1944	N	34.0	48.1				
1949	N	39.3	55.2				
1954	N	43.1	53.6				
1959	N	39.1	53.6				
2035	NNE	18.3	30.2				
2039	NNE	22.3	28.6				
2049	NNE	19.2	28.2				
2054	NNE	19.0	27.5				
2109	ESE	8.0	16.3				
2119	E	15.7	21.7				
2124	NE	17.4	22.8				
2129	NNE	15.4	22.8				

Tyndall, SD



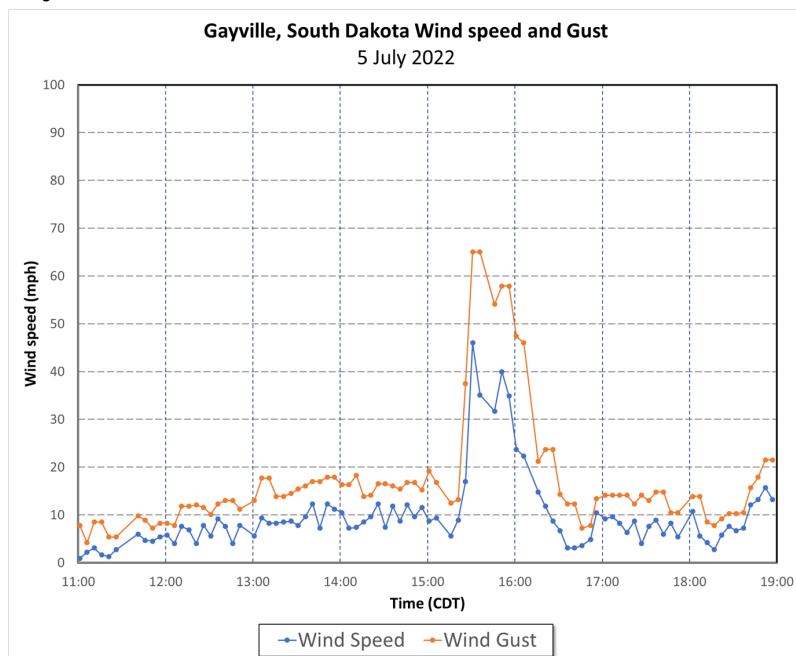
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1802	E	12.5	15.7	2018	NW	30.9	47.8
1808	E	8.5	15.7	2023	NNW	24.4	47.8
1813	E	6.7	13.6	2028	NNW	21.0	42.9
1817	ESE	10.7	15.2	2033	NNW	18.6	34.9
1822	E	7.8	15.2	2038	NNW	24.1	35.3
1828	E	6.7	13.4	2048	NNW	22.1	37.5
1833	ESE	4.5	13.4	2053	NNW	M	37.5
1838	ESE	6.9	11.8	2058	NNW	18.6	32.0
1843	ESE	9.6	14.1	2103	NNW	20.3	29.3
1848	SE	6.9	17.0	2108	NNW	20.1	34.5
1853	E	8.5	17.0	2118	NNW	13.0	27.3
1858	NNE	1.3	13.4	2123	NW	11.8	21.7
1903	ENE	4.5	11.0	2128	N	11.2	19.2
1908	SE	7.4	12.1	2133	NNW	15.7	26.8
1913	SSE	5.8	12.1				
1918	S	7.8	12.1				
1923	S	6.7	12.3				
1928	S	7.4	12.3				
1933	S	5.6	11.2				
1938	SW	3.6	9.8				
1943	WSW	3.6	7.2				
1948	W	4.7	8.3				
1953	WNW	7.8	11.8				
1958	NNW	40.2	63.9				
2003	NW	35.5	63.9				
2008	NNW	26.4	55.0				

Yankton, SD



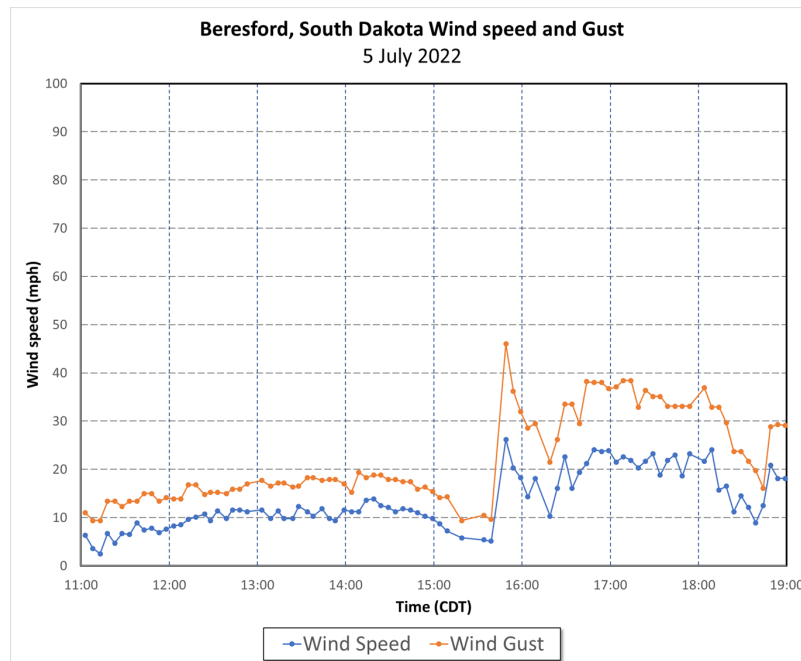
Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1800	ESE	10.4		1956	S	9.2	
1805	ESE	6.9		2000	S	12.7	
1810	ENE	10.4		2005	SSE	9.2	
1815	E	8.1		2010	S	8.1	
1820	SE	5.8		2015	WNW	36.8	47.2
1825	ESE	10.4		2020	NW	34.5	58.7
1830	SSE	8.1		2025	NNW	35.7	
1835	ESE	10.4		2027	NNW	42.6	58.7
1840	SE	5.8		2030	NNW	36.8	
1845	ESE	8.1		2035	NNW	28.8	35.7
1850	E	10.4		2040	NNW	35.7	44.9
1855	ESE	11.5		2045	NNW	28.8	
1856	ESE	11.5		2050	NNW	23.0	29.9
1900	E	8.1		2055	NNW	25.3	
1905	E	6.9		2056	NNW	24.2	32.2
1910	ENE	8.1		2100	NNW	21.9	32.2
1915	SE	8.1		2105	NW	21.9	
1920	E	12.7		2110	NW	18.4	
1925	ESE	11.5		2115	NW	16.1	
1930	SE	12.7		2120	NW	16.1	21.9
1935	S	11.5		2125	NNW	21.9	
1939	S	10.4		2130	NNW	18.4	
1940	S	11.5					
1945	S	10.4					
1950	S	9.2					
1955	S	9.2					

Gayville, SD



Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1801	ENE	5.6	13.0	2016	SSE	5.6	12.5
1806	ESE	9.4	17.7	2021	SSE	8.9	13.2
1811	ESE	8.3	17.7	2026	SW	17.0	37.5
1816	E	8.3	13.9	2031	NW	46.0	65.0
1821	E	8.5	13.9	2036	NW	35.1	65.0
1826	E	8.7	14.5	2046	NW	31.7	54.1
1831	ESE	7.8	15.4	2051	NW	40.0	57.9
1836	E	9.6	16.1	2056	NNW	34.9	57.9
1841	ESE	12.3	17.0	2101	NNW	23.7	47.4
1846	ESE	7.2	17.0	2106	NW	22.3	46.0
1851	E	12.3	17.9	2116	NW	14.8	21.2
1856	E	11.2	17.9	2121	WNW	11.8	23.7
1901	E	10.5	16.3	2126	WNW	8.7	23.7
1906	ENE	7.2	16.3	2131	W	6.7	14.3
1911	E	7.4	18.3				
1916	ESE	8.5	13.9				
1921	E	9.6	14.1				
1926	E	12.3	16.5				
1931	E	7.4	16.5				
1936	SE	11.8	16.4				
1941	SE	8.7	15.4				
1946	SSE	12.1	16.8				
1951	SSE	9.6	16.8				
1956	SE	11.6	15.2				
2001	SE	8.7	19.2				
2006	SE	9.4	16.8				

Beresford, SD



Time (UTC)	Wind Direction	Wind Speed	Wind Gust	Time (UTC)	Wind Direction	Wind Speed	Wind Gust
1803	ESE	11.6	17.7	2019	SE	5.8	9.4
1809	E	9.8	16.5	2034	S	5.4	10.5
1814	ESE	11.4	17.2	2039	WSW	5.1	9.6
1818	E	9.8	17.2	2049	WNW	26.2	46.0
1824	ESE	9.8	16.3	2054	NW	20.3	36.2
1828	ESE	12.3	16.5	2059	WNW	18.3	32.0
1834	E	11.2	18.3	2104	WNW	14.3	28.6
1838	ESE	10.3	18.3	2109	NW	18.1	29.5
1844	ESE	11.8	17.7	2119	NW	10.3	21.5
1849	ESE	9.8	17.9	2124	NW	16.1	26.2
1853	ESE	9.4	17.9	2129	NW	22.6	33.5
1859	ESE	11.6	17.0	2134	WNW	16.1	33.5
1904	ESE	11.2	15.2				
1909	ESE	11.2	19.4				
1914	ESE	13.6	18.3				
1919	SE	13.9	18.8				
1924	ESE	12.5	18.8				
1929	ESE	12.1	17.9				
1934	SE	11.2	17.9				
1939	SE	11.8	17.4				
1944	ESE	11.6	17.4				
1949	ESE	11.0	15.9				
1954	ESE	10.3	16.3				
1959	ESE	9.8	15.4				
2004	ESE	8.7	14.1				
2009	ESE	7.2	14.3				