

Buffalo Ridge II Wind Project

Datum: NAD 83

Closest City: Astoria, SD (1.5 miles)

Closest Public Facility: Brookings Municipal Airport (13.6 miles)

2nd Turbine ID	1st Turbine ID	Current MAP ID	Current ASN	Prior ASN	Latitude	Longitude	Latitude			Longitude			Elev. (ft.)	Structure Height (ft.)	Total Height	FAA Marking and Lighting	
					DD	DD	Deg	Min	Sec	Deg	Min	Sec					
61	58	V-2	2008-WTE-715-OE	2008-WTE-715-OE	44.4910800	96.6601200	44	29	27.89	96	39	36.43	1899	428	2327	N	WP
62	59	V-3	2008-WTE-716-OE	2008-WTE-716-OE	44.4917000	96.6566500	44	29	30.12	96	39	23.94	1892	428	2320	N	WP
68	65	W-1	2008-WTE-722-OE	2008-WTE-722-OE	44.4888100	96.6166300	44	29	19.72	96	36	59.87	1904	428	2332	Y	WPSRL
69	66	W-2	2008-WTE-723-OE	2008-WTE-723-OE	44.4899900	96.6125900	44	29	23.96	96	36	45.32	1921	428	2349	N	WP
71	68	X-1	2008-WTE-725-OE	2008-WTE-725-OE	44.4889000	96.5961600	44	29	20.04	96	35	46.18	1952	428	2380	Y	WPSRL
72	69	X-2	2008-WTE-726-OE	2008-WTE-726-OE	44.4902800	96.5918800	44	29	25.01	96	35	30.77	1960	428	2388	N	WP
75	72	ALT X-5	2008-WTE-729-OE	2008-WTE-729-OE	44.4902900	96.5768000	44	29	25.04	96	34	36.48	1946	428	2374	N	WP
76	73	ALT X-6	2008-WTE-730-OE	2008-WTE-730-OE	44.4956800	96.5718100	44	29	44.45	96	34	18.52	1953	428	2381	Y	WPSRL
78	75	T-1	2008-WTE-732-OE	2008-WTE-732-OE	44.5015700	96.6636100	44	30	5.65	96	39	49.00	1886	428	2314	Y	WPSRL
79	76	T-2	2008-WTE-733-OE	2008-WTE-733-OE	44.5015400	96.6597000	44	30	5.54	96	39	34.92	1907	428	2335	N	WP
81	78	T-4	2008-WTE-735-OE	2008-WTE-735-OE	44.5029300	96.6517400	44	30	10.55	96	39	6.26	1919	428	2347	Y	WPSRL
87	84	U-2	2008-WTE-741-OE	2008-WTE-741-OE	44.5043400	96.6227100	44	30	15.62	96	37	21.76	1913	428	2341	N	WP
88	85	U-3	2008-WTE-742-OE	2008-WTE-742-OE	44.5043300	96.6182600	44	30	15.59	96	37	5.74	1922	428	2350	Y	WPSRL
89	86	Q-1	2008-WTE-743-OE	2008-WTE-743-OE	44.5084000	96.5927000	44	30	30.24	96	35	33.72	1970	428	2398	N	WP
90	87	Q-2	2008-WTE-744-OE	2008-WTE-744-OE	44.5084000	96.5888100	44	30	30.24	96	35	19.72	1963	428	2391	Y	WPSRL
93	90	D-1	2008-WTE-747-OE	2008-WTE-747-OE	44.5230900	96.6761200	44	31	23.12	96	40	34.03	1891	428	2319	Y	WPSRL
100	97	ALT L-0	2008-WTE-754-OE	2008-WTE-754-OE	44.52156	96.63325	44	31	17.62	96	37	59.7	1912	428	2340	Y	WPSRL
106	103	M-1	2008-WTE-760-OE	2008-WTE-760-OE	44.5241800	96.5999300	44	31	27.05	96	35	59.75	1962	428	2390	Y	WPSRL
108	105	M-3	2008-WTE-762-OE	2008-WTE-762-OE	44.5254300	96.5921300	44	31	31.55	96	35	31.67	1970	428	2398	N	WP
109	106	M-4	2008-WTE-763-OE	2008-WTE-763-OE	44.5254700	96.5879200	44	31	31.69	96	35	16.51	1968	428	2396	Y	WPSRL
111	107	ALT C-0	2008-WTE-764-OE	2008-WTE-764-OE	44.5325600	96.7040100	44	31	57.22	96	42	14.44	1812	428	2240	Y	WPSRL
114	110	C-3	2008-WTE-767-OE	2008-WTE-767-OE	44.5335000	96.6930000	44	32	0.60	96	41	34.80	1857	428	2285	Y	WPSRL
115	111	C-4	2008-WTE-768-OE	2008-WTE-768-OE	44.5334700	96.6888700	44	32	0.49	96	41	19.93	1880	428	2308	N	WP
119	115	C-8	2008-WTE-772-OE	2008-WTE-772-OE	44.5371300	96.6690200	44	32	13.67	96	40	8.47	1941	428	2369	N	WP
120	116	C-9	2008-WTE-773-OE	2008-WTE-773-OE	44.5391500	96.6634800	44	32	20.94	96	39	48.53	1981	428	2409	Y	WPSRL
121	117	C-10	2008-WTE-774-OE	2008-WTE-774-OE	44.5391400	96.6599200	44	32	20.90	96	39	35.71	1965	428	2393	N	WP
122	118	C-11	2008-WTE-775-OE	2008-WTE-775-OE	44.5391200	96.6563600	44	32	20.83	96	39	22.90	1965	428	2393	N	WP
123	119	C-12	2008-WTE-776-OE	2008-WTE-776-OE	44.5395700	96.6522700	44	32	22.45	96	39	8.17	1958	428	2386	N	WP
124	120	C-13	2008-WTE-777-OE	2008-WTE-777-OE	44.5395500	96.6482900	44	32	22.38	96	38	53.84	1950	428	2378	Y	WPSRL
126	122	C-15	2008-WTE-779-OE	2008-WTE-779-OE	44.5394900	96.6370500	44	32	22.16	96	38	13.38	1957	428	2385	N	WP
133	129	J-1	2008-WTE-786-OE	2008-WTE-786-OE	44.5316600	96.5785200	44	31	53.98	96	34	42.67	1909	428	2337	Y	WPSRL
134	130	J-2	2008-WTE-787-OE	2008-WTE-787-OE	44.5339000	96.5744200	44	32	2.04	96	34	27.91	1923	428	2351	N	WP
136	132	J-4	2008-WTE-789-OE	2008-WTE-789-OE	44.5339200	96.5670300	44	32	2.11	96	34	1.31	1928	428	2356	N	WP
137	133	J-5	2008-WTE-790-OE	2008-WTE-790-OE	44.5339400	96.5626700	44	32	2.18	96	33	45.61	1931	428	2359	Y	WPSRL
PMT-1	Met 1	PMT-1	2009-WTE-11868-OE	2009-WTE-11868-OE	44.52961	96.70492	44	31	46.60	96	42	17.71	1808	262	2070	Y	WPSRL
101	98	L-1	2009-WTE-11869-OE	2009-WTE-11869-OE	44.5224100	96.6289800	44	31	20.68	96	37	44.33	1932	428	2360	Y	WPSRL
63	60	V-4	2009-WTE-11870-OE	2009-WTE-11870-OE	44.49167	96.65258	44	29	30.01	96	39	9.29	1880	428	2308	Y	WPSRL
86	83	U-1	2009-WTE-11872-OE	2009-WTE-11872-OE	44.50397	96.62826	44	30	14.29	96	37	41.74	1890	428	2318	Y	WPSRL
92	89	ALT D-0	2009-WTE-11873-OE	2009-WTE-11873-OE	44.5231	96.68001	44	31	23.16	96	40	48.04	1875	428	2303	Y	WPSRL
102	99	L-2	2009-WTE-11874-OE	2009-WTE-11874-OE	44.52338	96.62246	44	31	24.17	96	37	20.86	1957	428	2385	Y	WPSRL
127	123	C-16	2009-WTE-11875-OE	2009-WTE-11875-OE	44.54073	96.63358	44	32	26.63	96	38	0.89	1965	428	2393	Y	WPSRL
129	125	K-2	2009-WTE-11876-OE	2009-WTE-11876-OE	44.53184	96.61853	44	31	54.62	96	37	6.71	1970	428	2398	Y	WPSRL
130	126	G-1	2009-WTE-11877-OE	2009-WTE-11877-OE	44.54009	96.60135	44	32	24.32	96	36	4.86	1972	428	2400	Y	WPSRL
132	128	G-3	2009-WTE-11878-OE	2009-WTE-11878-OE	44.5401	96.59358	44	32	24.36	96	35	36.89	1953	428	2381	Y	WPSRL

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Closest Public Facility: Brookings Municipal Airport (13.6 miles)

2nd Turbine ID	1st Turbine ID	Current MAP ID	Current ASN	Prior ASN	Latitude	Longitude	Latitude			Longitude			Elev. (ft.)	Structure Height (ft.)	Total Height	FAA Marking and Lighting	
					DD	DD	Deg	Min	Sec	Deg	Min	Sec					
184	163	E-4	2009-WTE-11879-OE	2009-WTE-11879-OE	44.555	96.5883	44	33	18.00	96	35	17.88	1953	428	2381	Y	WPSRL
186	165	E-6	2009-WTE-11880-OE	2009-WTE-11880-OE	44.55501	96.57904	44	33	18.04	96	34	44.54	1927	428	2355	Y	WPSRL
71	169	X-1-D	2009-WTE-11883-OE	2009-WTE-11883-OE	44.4889	96.59616	44	29	20.04	96	35	46.18	1953	428	2381	Y	WPSRL
190	176	B-4	2009-WTE-11884-OE	2009-WTE-11884-OE	44.54735	96.63467	44	32	50.46	96	38	4.81	1970	428	2398	Y	WPSRL
192	178	B-6	2009-WTE-11885-OE	2009-WTE-11885-OE	44.54901	96.6256	44	32	56.44	96	37	32.16	1986	428	2414	Y	WPSRL
193	179	F-1	2009-WTE-11886-OE	2009-WTE-11886-OE	44.54547	96.61666	44	32	43.69	96	36	59.98	1988	428	2416	Y	WPSRL
187	166	ALT E-7	2009-WTE-11887-OE	2009-WTE-11887-OE	44.5557500	96.5751600	44	33	20.70	96	34	30.58	1920	428	2348	Y	WPSRL
74	71	X-4	2009-WTE-11889-OE	2009-WTE-11889-OE	44.4902800	96.5827200	44	29	25.01	96	34	57.79	1952	428	2380	Y	WPSRL
149a	186	ALT S-4	2009-WTE-11890-OE	2009-WTE-11890-OE	44.51547	96.64905	44	30	55.69	96	38	56.58	1934	428	2362	Y	WPSRL
145a	183	ALT S-1	2009-WTE-11891-OE	2009-WTE-11891-OE	44.51141	96.66305	44	30	41.08	96	39	46.98	1882	428	2310	Y	WPSRL
196	182	F-4	2009-WTE-11892-OE	2009-WTE-11892-OE	44.54544	96.60529	44	32	43.58	96	36	19.04	1964	428	2392	Y	WPSRL
85	82	ALT U-0	2009-WTE-11895-OE	2009-WTE-11895-OE	44.50398	96.63193	44	30	14.33	96	37	54.95	1855	428	2283	N	WP
128	124	K-1	2009-WTE-11896-OE	2009-WTE-11896-OE	44.53182	96.62269	44	31	54.55	96	37	21.68	1954	428	2382	N	WP
131	127	G-2	2009-WTE-11897-OE	2009-WTE-11897-OE	44.5401	96.59747	44	32	24.36	96	35	50.89	1969	428	2397	N	WP
185	164	E-5	2009-WTE-11898-OE	2009-WTE-11898-OE	44.55501	96.58444	44	33	18.04	96	35	3.98	1946	428	2374	N	WP
107	170	M-2	2009-WTE-11899-OE	2009-WTE-11899-OE	44.52421	96.59605	44	31	27.16	96	35	45.78	1970	428	2398	N	WP
113	171	C-2	2009-WTE-11900-OE	2009-WTE-11900-OE	44.53254	96.69693	44	31	57.14	96	41	48.95	1844	428	2272	N	WP
177	172	A-7-D	2009-WTE-11901-OE	2009-WTE-11901-OE	44.55407	96.66696	44	33	14.65	96	40	1.06	1960	428	2388	N	WP
182	173	E-2	2009-WTE-11902-OE	2009-WTE-11902-OE	44.55449	96.59602	44	33	16.16	96	35	45.67	1961	428	2389	N	WP
189	175	B-3	2009-WTE-11904-OE	2009-WTE-11904-OE	44.54734	96.63935	44	32	50.42	96	38	21.66	1957	428	2385	N	WP
191	177	B-5	2009-WTE-11905-OE	2009-WTE-11905-OE	44.54832	96.63047	44	32	53.95	96	37	49.69	1982	428	2410	N	WP
194	180	F-2	2009-WTE-11906-OE	2009-WTE-11906-OE	44.54547	96.61287	44	32	43.69	96	36	46.33	1979	428	2407	N	WP
195	181	F-3	2009-WTE-11907-OE	2009-WTE-11907-OE	44.54547	96.60908	44	32	43.69	96	36	32.69	1976	428	2404	N	WP
146a	184	ALT S-2	2009-WTE-11908-OE	2009-WTE-11908-OE	44.51218	96.65701	44	30	43.85	96	39	25.24	1902	428	2330	N	WP
148a	185	ALT S-3	2009-WTE-11909-OE	2009-WTE-11909-OE	44.51549	96.65308	44	30	55.76	96	39	11.09	1925	428	2353	N	WP
60	57	V-1	2009-WTE-13628-OE	2009-WTE-13628-OE	44.4910900	96.6638000	44	29	27.92	96	39	49.68	1893	428	2321	Y	WPSRL
PMT-2	Met 2	PMT-2	2009-WTE-13644-OE	2009-WTE-13644-OE	44.55677	96.57059	44	33	24.37	96	34	14.12	1920	262	2182	Y	WPSRL
80	77	T-3	2009-WTE-8493-OE	2009-WTE-8493-OE	44.5015100	96.6557400	44	30	5.44	96	39	20.66	1926	428	2354	N	WP
82	79	T-5	2009-WTE-8494-OE	2009-WTE-8494-OE	44.5029300	96.6485100	44	30	10.55	96	38	54.64	1922	428	2350	N	WP
95	92	D-3	2009-WTE-8496-OE	2009-WTE-8496-OE	44.5230400	96.6687800	44	31	22.94	96	40	7.61	1918	428	2346	Y	WPSRL
96	93	D-5	2009-WTE-8497-OE	2009-WTE-8497-OE	44.5260300	96.6591800	44	31	33.71	96	39	33.05	1920	428	2348	Y	WPSRL
97	94	D-6	2009-WTE-8498-OE	2009-WTE-8498-OE	44.5260200	96.6553000	44	31	33.67	96	39	19.08	1933	428	2361	N	WP
98	95	D-7	2009-WTE-8499-OE	2009-WTE-8499-OE	44.5260000	96.6518600	44	31	33.60	96	39	6.70	1934	428	2362	N	WP
99	96	D-8	2009-WTE-8500-OE	2009-WTE-8500-OE	44.5259800	96.6483900	44	31	33.53	96	38	54.20	1939	428	2367	Y	WPSRL
103	100	L-3	2009-WTE-8501-OE	2009-WTE-8501-OE	44.5242500	96.6171800	44	31	27.30	96	37	1.85	1970	428	2398	N	WP
104	101	L-4	2009-WTE-8502-OE	2009-WTE-8502-OE	44.5242700	96.6129800	44	31	27.37	96	36	46.73	1983	428	2411	N	WP
105	102	L-5	2009-WTE-8503-OE	2009-WTE-8503-OE	44.5243000	96.6087600	44	31	27.48	96	36	31.54	1985	428	2413	Y	WPSRL
145	134	S-1	2009-WTE-8504-OE	2009-WTE-8504-OE	44.5132200	96.6629000	44	30	47.59	96	39	46.44	1880	428	2308	Y	WPSRL
146	135	S-2	2009-WTE-8505-OE	2009-WTE-8505-OE	44.5132000	96.6593100	44	30	47.52	96	39	33.52	1901	428	2329	N	WP
147	136	S-3	2009-WTE-8506-OE	2009-WTE-8506-OE	44.5132300	96.6556600	44	30	47.63	96	39	20.38	1922	428	2350	N	WP
148	137	S-4	2009-WTE-8507-OE	2009-WTE-8507-OE	44.5132100	96.6519800	44	30	47.56	96	39	7.13	1927	428	2355	N	WP
149	138	S-5	2009-WTE-8508-OE	2009-WTE-8508-OE	44.5132000	96.6486200	44	30	47.52	96	38	55.03	1934	428	2362	Y	WPSRL
150	139	P-1	2009-WTE-8509-OE	2009-WTE-8509-OE	44.5159200	96.5823600	44	30	57.31	96	34	56.50	1972	428	2400	Y	WPSRL
151	140	P-2	2009-WTE-8510-OE	2009-WTE-8510-OE	44.5180200	96.5788600	44	31	4.87	96	34	43.90	1954	428	2382	N	WP

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Closest Public Facility: Brookings Municipal Airport (13.6 miles)

2nd Turbine ID	1st Turbine ID	Current MAP ID	Current ASN	Prior ASN	Latitude	Longitude	Latitude			Longitude			Elev. (ft.)	Structure Height (ft.)	Total Height	FAA Marking and Lighting		
					DD	DD	Deg	Min	Sec	Deg	Min	Sec						
153	142	ALT P-4	2009-WTE-8512-OE	2009-WTE-8512-OE	44.5200400	96.5725600	44	31	12.14	96	34	21.22	1932	428	2360	Y	WPSRL	
154	143	ALT R-1	2009-WTE-8513-OE	2009-WTE-8513-OE	44.5094300	96.5726300	44	30	33.95	96	34	21.47	1963	428	2391	N	WP	
155	144	ALT R-2	2009-WTE-8514-OE	2009-WTE-8514-OE	44.5105800	96.5695600	44	30	38.09	96	34	10.42	1943	428	2371	Y	WPSRL	
156	145	N-1	2009-WTE-8515-OE	2009-WTE-8515-OE	44.5158700	96.6024600	44	30	57.13	96	36	8.86	1957	428	2385	Y	WPSRL	
157	146	N-2	2009-WTE-8516-OE	2009-WTE-8516-OE	44.5164100	96.5977300	44	30	59.08	96	35	51.83	1953	428	2381	N	WP	
158	147	ALT H-0	2009-WTE-8517-OE	2009-WTE-8517-OE	44.5412400	96.5826300	44	32	28.46	96	34	57.47	1913	428	2341	N	WP	
159	148	H-1	2009-WTE-8518-OE	2009-WTE-8518-OE	44.5420000	96.5792700	44	32	31.20	96	34	45.37	1930	428	2358	N	WP	
160	149	H-2	2009-WTE-8519-OE	2009-WTE-8519-OE	44.5419900	96.5757100	44	32	31.16	96	34	32.56	1922	428	2350	Y	WPSRL	
171	150	A-1	2009-WTE-8520-OE	2009-WTE-8520-OE	44.5539400	96.6922500	44	33	14.18	96	41	32.10	1896	428	2324	Y	WPSRL	
172	151	A-2	2009-WTE-8521-OE	2009-WTE-8521-OE	44.5539400	96.6888200	44	33	14.18	96	41	19.75	1904	428	2332	N	WP	
173	152	A-3	2009-WTE-8522-OE	2009-WTE-8522-OE	44.5539300	96.6853800	44	33	14.15	96	41	7.37	1905	428	2333	N	WP	
174	153	A-4	2009-WTE-8523-OE	2009-WTE-8523-OE	44.5540900	96.6804600	44	33	14.72	96	40	49.66	1925	428	2353	Y	WPSRL	
175	154	A-5	2009-WTE-8524-OE	2009-WTE-8524-OE	44.5540800	96.6760500	44	33	14.69	96	40	33.78	1941	428	2369	N	WP	
177	156	A-7	2009-WTE-8526-OE	2009-WTE-8526-OE	44.5540700	96.6669600	44	33	14.65	96	40	1.06	1962	428	2390	N	WP	
178	157	A-8	2009-WTE-8527-OE	2009-WTE-8527-OE	44.5540700	96.6599700	44	33	14.65	96	39	35.89	1971	428	2399	Y	WPSRL	
179	158	B-1	2009-WTE-8528-OE	2009-WTE-8528-OE	44.5488800	96.6504300	44	32	55.97	96	39	1.55	1958	428	2386	N	WP	
180	159	B-2	2009-WTE-8529-OE	2009-WTE-8529-OE	44.5488900	96.6449900	44	32	56.00	96	38	41.96	1954	428	2382	Y	WPSRL	
181	160	E-1	2009-WTE-8530-OE	2009-WTE-8530-OE	44.5544900	96.5995800	44	33	16.16	96	35	58.49	1951	428	2379	Y	WPSRL	
183	162	E-3	2009-WTE-8532-OE	2009-WTE-8532-OE	44.5544800	96.5924400	44	33	16.13	96	35	32.78	1956	428	2384	N	WP	
176	155	A-6	2010-WTE-1941-OE	2010-WTE-1941-OE	44.55408	96.67146	44	33	14.69	96	40	17.26	1960	428	2388	Y	WPSRL	
152	141	P-3	2010-WTE-1942-OE	2010-WTE-1942-OE	44.51902	96.57573	44	31	8.47	96	34	32.63	1935	428	2363	Y	WPSRL	
135	131	J-3	2010-WTE-1943-OE	2010-WTE-1943-OE	44.53417	96.57077	44	32	3.01	96	34	14.77	1930	428	2358	Y	WPSRL	
125	121	C-14	2010-WTE-1944-OE	2010-WTE-1944-OE	44.53949	96.64112	44	32	22.16	96	38	28.03	1935	428	2363	Y	WPSRL	
118	114	C-7	2010-WTE-1945-OE	2010-WTE-1945-OE	44.53518	96.67468	44	32	6.65	96	40	28.85	1925	428	2353	Y	WPSRL	
116	112	C-5	2010-WTE-1946-OE	2010-WTE-1946-OE	44.53427	96.68368	44	32	3.37	96	41	1.25	1890	428	2318	Y	WPSRL	
112	108	C-1	2010-WTE-1947-OE	2010-WTE-1947-OE	44.53256	96.70049	44	31	57.22	96	42	1.76	1825	428	2253	Y	WPSRL	
70	67	W-3	2010-WTE-1948-OE	2010-WTE-1948-OE	44.49001	96.60825	44	29	24.04	96	36	29.70	1925	428	2353	Y	WPSRL	
83	80	T-6	2010-WTE-1949-OE	2010-WTE-1949-OE	44.5038	96.64208	44	30	13.68	96	38	31.49	1905	428	2333	Y	WPSRL	
84	81	T-7	2010-WTE-1950-OE	2010-WTE-1950-OE	44.50379	96.63821	44	30	13.64	96	38	17.56	1890	428	2318	Y	WPSRL	
117	113	C-6	2010-WTE-1951-OE	2010-WTE-1951-OE	44.5347	96.67939	44	32	4.92	96	40	45.80	1900	428	2328	N	WP	
188	174	D-4	2010-WTE-1952-OE	2010-WTE-1952-OE	44.52517	96.66357	44	31	30.61	96	39	48.85	1920	428	2348	N	WP	
94	91	D-2	2010-WTE-1953-OE	2010-WTE-1953-OE	44.52306	96.67256	44	31	23.02	96	40	21.22	1910	428	2338	N	WP	
73	70	X-3	2010-WTE-1954-OE	2010-WTE-1954-OE	44.49028	96.58792	44	29	25.01	96	35	16.51	1955	428	2383	N	WP	
66	63	V-7	2010-WTE-8293-OE	2009-WTE-11910-OE	44.48967	96.63914	44	29	22.81	96	38	20.90	1889	428	2317	Y	WPSRL	
64	61	V-5	2010-WTE-8294-OE	2009-WTE-11893-OE	44.49166	96.64859	44	29	29.98	96	38	54.92	1909	428	2337	Y	WPSRL	
65	62	V-6	2010-WTE-8295-OE	2009-WTE-11871-OE	44.48967	96.64309	44	29	22.81	96	38	35.12	1897	428	2325	N	WP	
																		WPSRL - White Paint Synchronized Red Light WP - White Paint Only