

**APPENDIX E:**  
CALMET INPUT DATA

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Table E.1 Precipitation Stations Used in Development of the CALMET Wind Fields.

Model ID	X (Lambert Conformal km)	Y (Lambert Conformal km)	Station Code
P001	-34.328	-249.360	52286
P002	49.568	-272.559	55484
P003	-251.906	8.556	103732
P004	-233.557	41.953	104230
P005	-252.533	91.083	104456
P006	-210.422	143.269	109065
P007	-254.853	-201.369	420342
P008	-271.531	-177.297	420820
P009	-211.549	-170.572	421590
P010	-264.402	-202.716	421759
P011	-234.434	-166.124	422385
P012	-70.554	-173.625	422864
P013	-181.985	-228.924	423624
P014	-274.842	-159.152	424538
P015	-260.841	-80.753	425186
P016	-269.236	-89.347	425194
P017	-159.634	-211.499	425815
P018	-258.441	-188.611	425892
P019	-124.262	-215.930	426127
P020	-219.022	-191.884	426374
P021	-275.157	-134.025	426404
P022	-254.783	-235.459	426455
P023	-255.062	-242.678	427064
P024	-116.548	-243.027	427395
P025	-277.292	-184.279	427598
P026	-248.123	-205.187	427846
P027	-213.999	-245.975	428371
P028	-261.104	-222.696	428939
P029	-124.144	-0.613	480697
P030	28.642	93.249	481000
P031	-84.349	106.216	482715
P032	143.111	-141.842	483050
P033	-194.548	-146.643	483100
P034	-172.801	102.667	484910
P035	-14.429	28.720	485390
P036	-157.462	141.698	486440
P037	-144.286	-136.431	486555
P038	-29.676	-132.586	486597
P039	29.069	0.067	486875
P040	134.830	-7.493	487105
P041	123.092	53.124	487375
P042	108.284	-79.755	487533
P043	13.119	51.934	487760
P044	-41.609	-102.056	487845
P045	142.439	-111.382	487995
P046	130.212	-41.687	488070
P047	91.687	136.832	488858
P048	27.206	118.275	488875
P049	-11.646	125.423	488888

Table E.1 (Continued)

Model ID	X (Lambert Conformal km)	Y (Lambert Conformal km)	Station Code
P050	-310.000	150.000	6106
P051	-310.000	90.000	6091
P052	-310.000	10.000	6071
P053	-310.000	-30.000	6061
P054	-310.000	-70.000	6051
P055	-310.000	-170.000	6026
P056	-298.000	-218.000	9014
P057	-290.000	-10.000	11066
P058	-290.000	-130.000	11036
P059	-290.000	-250.000	11006
P060	-278.000	30.000	14076
P061	-270.000	70.000	16086
P062	-270.000	-110.000	16041
P063	-250.000	170.000	21111
P064	-250.000	110.000	21096
P065	-238.000	-30.000	24061
P066	-238.000	-58.000	24054
P067	-238.000	-90.000	24046
P068	-238.000	-130.000	24036
P069	-238.000	-250.000	24006
P070	-218.000	202.000	29119
P071	-210.000	170.000	31111
P072	-210.000	62.000	31084
P073	-210.000	10.000	31071
P074	-210.000	-30.000	31061
P075	-210.000	-78.000	31049
P076	-210.000	-110.000	31041
P077	-210.000	-150.000	31031
P078	-210.000	-218.000	31014
P079	-190.000	122.000	36099
P080	-190.000	90.000	36091
P081	-190.000	10.000	36071
P082	-190.000	-10.000	36066
P083	-190.000	-110.000	36041
P084	-190.000	-190.000	36021
P085	-178.000	142.000	39104
P086	-170.000	190.000	41116
P087	-170.000	158.000	41108
P088	-170.000	50.000	41081
P089	-170.000	-10.000	41066
P090	-170.000	-50.000	41056
P091	-170.000	-158.000	41029
P092	-162.000	22.000	43074
P093	-158.000	174.000	44112
P094	-154.000	114.000	45097
P095	-150.000	-90.000	46046
P096	-150.000	-182.000	46023
P097	-138.000	82.000	49089
P098	-130.000	186.000	51115

Table E.1 (Continued)

Model ID	X (Lambert Conformal km)	Y (Lambert Conformal km)	Station Code
P099	-130.000	150.000	51106
P100	-130.000	118.000	51098
P101	-130.000	170.000	51111
P102	-130.000	30.000	51076
P103	-110.000	170.000	56111
P104	-110.000	-190.000	56021
P105	-90.000	150.000	61106
P106	-90.000	82.000	61089
P107	-90.000	50.000	61081
P108	-90.000	2.000	61069
P109	-90.000	-70.000	61051
P110	-90.000	-190.000	61021
P111	-70.000	178.000	66113
P112	-70.000	130.000	66101
P113	-70.000	90.000	66091
P114	-70.000	50.000	66081
P115	-70.000	10.000	66071
P116	-58.000	-222.000	69013
P117	-50.000	130.000	71101
P118	-50.000	30.000	71076
P119	-50.000	-198.000	71019
P120	-30.000	170.000	76111
P121	-30.000	90.000	76091
P122	-30.000	10.000	76071
P123	-30.000	-222.000	76013
P124	-10.000	-30.000	81061
P125	-10.000	-70.000	81051
P126	-10.000	-222.000	81013
P127	10.000	-130.000	86036
P128	30.000	170.000	91111
P129	30.000	-50.000	91056
P130	30.000	-98.000	91044
P131	30.000	-178.000	91024
P132	50.000	-250.000	96006
P133	70.000	50.000	101081
P134	70.000	-30.000	101061
P135	70.000	-70.000	101051
P136	90.000	-110.000	106041
P137	90.000	-150.000	106031
P138	90.000	-230.000	106011
P139	102.000	202.000	109119
P140	102.000	94.000	109092
P141	102.000	-190.000	109021
P142	106.000	22.000	110074
P143	106.000	-30.000	110061
P144	106.000	-258.000	110004
P145	110.000	150.000	111106
P146	122.000	-130.000	114036
P147	130.000	130.000	116101

Table E.1 (Continued)

<b>Model ID</b>	<b>X (Lambert Conformal km)</b>	<b>Y (Lambert Conformal km)</b>	<b>Station Code</b>
P148	130.000	-154.000	116030
P149	130.000	-218.000	116014
P150	150.000	182.000	121114
P151	150.000	70.000	121086
P152	150.000	-38.000	121059
P153	150.000	-178.000	121024
P154	154.000	-198.000	122019
P155	154.000	-238.000	122009

Table E.2 Upper Air Meteorological Stations Used in Development of the CALMET Wind Fields.

<b>Station Name</b>	<b>X (Lambert Conformal km)</b>	<b>Y (Lambert Conformal km)</b>	<b>Model ID</b>
Denver	321.444	-281.130	23062
Grand Junction	2.012	-369.260	23066
Lander	-14.429	28.720	24021
Salt Lake City	-278.983	-185.610	24127



Table E.3 Surface Meteorological Stations Used in the Development of the CALMET Wind Fields.

Station Name	Station Type	X (Lambert Conformal km)	Y (Lambert Conformal km)	Model ID
Amoco	Industrial	-188.837	-117.730	1001
Ande	RAWS	-31.013	-12.050	2001
Baggs	Zirkel	74.785	-166.360	4001
Beaver	WYDOT	20.818	4.010	3001
BitterCreek	WYDOT	-2.654	-97.240	3002
Burr	RAWS	-141.055	140.200	2002
Camp	RAWS	79.256	-21.460	2003
Casper	NWS	163.698	41.900	6007
Centennial	NDDN	194.065	-130.500	5002
Cody	NWS	-35.984	211.760	3003
Con	WYDOT	68.278	-89.450	2004
Cow	RAWS	78.342	-137.150	4002
Craig	Zirkel	78.747	-225.580	2005
Elkhorn	RAWS	-82.435	121.920	7001
Evan	NWS	-200.631	-133.530	1002
Exxon	Industrial	-128.247	-75.080	3004
FirstDivide	WYDOT	-179.798	-132.420	1003
GenC	Industrial	-97.396	-102.530	2006
Getc	RAWS	-213.753	-23.290	2007
Grac	RAWS	-261.735	4.030	2008
Gran	RAWS	-167.686	128.380	7002
Hayden	NWS	115.118	-241.220	3005
Hiland	WYDOT	96.447	59.000	7004
I-25 Divide	WYDOT	147.707	151.128	4003
Idaho Falls	NWS	-274.135	110.280	6005
Jackson	NWS	-169.576	115.150	1004
Jun	Zirkel	42.655	-225.920	1005
Lake Yellowstone	RAWS	-145.592	109.170	7003
Lander	NWS	-14.192	29.040	3006
Meeteetsee	WYDOT	-24.607	184.857	5001
Moon	NPS	-391.200	111.100	6009
Naughton	Industrial	-163.727	-82.890	2009
OCl	Industrial	-89.941	-87.570	2010
Ogden	NWS	-245.962	-154.600	7006
Pat	WYDOT	134.381	2.500	2011
Pine	NDDN	-97.579	41.610	7005
Pocatello	NWS	-318.637	47.830	6006
Pole	RAWS	-259.041	42.350	6008
Rasp	RAWS	-114.350	100.160	2012
Rawlins	NWS	108.284	-79.760	7007
Riley	RAWS	-152.455	-5.340	1006
Riverton	NWS	3.930	48.370	7008
RockSprings	NWS	-41.850	-102.050	2013
Salmon	NWS	-403.494	289.510	7009
Salt Lake City	NWS	-247.589	-219.230	26865
Sheridan	NWS	120.667	239.370	80002
Snider	RAWS	-156.708	-4.430	25785
SodaSprings	NWS	-222.333	-13.320	26764
TG	Industrial	-107.679	-91.600	26763
Vernal	NWS	-62.525	-245.160	26664
West Yellowstone 1	RAWS	-194.758	228.710	80001
West Yellowstone 2	RAWS	-196.181	231.980	26700
Wind	RAWS	-44.560	46.200	90002
Worland	NWS	46.380	152.760	24029
Yellowstone	NPS	-141.500	218.300	90001