

**APPENDIX D**

**Visibility Impacts**

**List of Tables**

D-1 Alternative E Class I Area Potential Visibility Impacts (Method 2).....D-2  
D-2 Alternative E Class II Area Potential Visibility Impacts (Method 2).....D-3  
D-3 Alternative F Class I Area Potential Visibility Impacts (Method 2).....D-4  
D-4 Alternative F Class II Area Potential Visibility Impacts (Method 2).....D-5  
D-5 Alternative H Class I Area Potential Visibility Impacts (Method 2).....D-6  
D-6 Alternative H Class II Area Potential Visibility Impacts (Method 2).....D-7  
D-7 Visibility Impacts - Method 2 - Future Alternatives.....D-8

















Table D-7 Continued - Visibility Impacts - Method 2 - Future Alternatives

Receptor Set	ALL WY		Tongue River Railroad		MT CBNG Construction - ALT E		MT CBNG Construction - ALT F		MT CBNG Construction - ALT H		MT CBNG Operation - ALT E		MT CBNG Operation - ALT F		MT CBNG Operation - ALT H									
	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>								
																	5%	10%	5%	10%	5%	10%	5%	10%
<b>CLASS I AREAS</b>																								
Badlands NP Class I	191	135	350	0	0	2	0	0	0	0	0	1	0	0	1	10	0	8	9	0	8	9	0	8
Bob Marshall W Class I	9	2	12	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2
Bridger W Class I	173	109	808	1	0	6	0	0	1	0	0	1	0	0	2	7	4	23	6	3	21	6	4	22
Fitzpatrick W Class I	116	79	399	1	0	6	0	0	1	0	0	1	0	0	2	7	3	23	6	2	22	6	3	23
Fort Peck IR Class I	57	32	101	0	0	3	0	0	1	0	0	1	0	0	3	14	1	14	13	1	13	14	1	14
Gates of the Mountain W Class I	14	6	27	0	0	1	0	0	0	0	0	0	0	0	1	0	0	3	0	0	3	0	0	3
Grand Teton NP Class I	68	47	197	0	0	2	0	0	0	0	0	0	0	0	1	1	0	8	1	0	7	1	0	7
North Absaorka W Class I	74	52	275	0	0	5	0	0	1	0	0	2	0	0	2	9	6	25	9	5	23	9	6	24
North Cheyenne IR Class I	188	127	343	104	44	39	0	0	4	60	13	21	142	37	34	305	235	151	298	229	145	330	263	138
Red Rock Lakes Class I	28	17	53	0	0	1	0	0	0	0	0	0	0	0	1	0	0	4	0	0	3	0	0	4
Scapegoat W Class I	11	7	18	0	0	1	0	0	0	0	0	0	0	0	1	0	0	4	0	0	3	0	0	3
Teton W Class I	90	63	200	0	0	2	0	0	0	0	0	1	0	0	1	4	2	12	4	1	11	4	1	12
Theodore Roosevelt NP Class I	79	52	200	0	0	3	0	0	1	0	0	1	0	0	2	13	3	13	13	2	12	13	3	13
UL Bend W Class I	37	21	71	0	0	2	0	0	0	0	0	1	0	0	1	5	0	8	5	0	8	5	0	8
Washakie W Class I	113	76	436	0	0	4	0	0	1	0	0	1	0	0	2	11	6	22	11	5	20	11	5	22
Wind Cave NP Class I	246	165	383	0	0	2	0	0	0	0	0	1	0	0	1	9	1	12	6	1	12	8	1	12
Yellowstone NP Class I	72	49	250	0	0	5	0	0	1	0	0	2	0	0	2	6	2	24	6	1	22	6	2	23
<b>SENSITIVE CLASS II AREAS</b>																								
Absaorka Beartooth W Class II	72	48	274	1	1	10	0	0	4	0	0	3	0	0	4	15	7	58	11	7	55	15	7	56
Agate Fossil Beds NM Class II	243	173	307	0	0	1	0	0	0	0	0	0	0	0	0	1	0	6	1	0	6	1	0	6
Big Horn Canyon NRA Class II	325	227	285	6	3	15	7	1	12	0	0	4	0	0	3	54	32	62	44	25	58	60	35	61
Black Elk W Class II	214	132	376	0	0	3	0	0	0	0	0	1	0	0	1	8	1	14	7	1	13	8	1	14
Cloud Peak Class II	151	101	361	5	4	52	0	0	3	1	0	6	0	0	5	36	17	159	34	15	153	36	16	157
Crow IR Class II	242	178	415	53	19	44	175	121	114	114	36	33	75	26	41	239	153	154	215	134	149	333	269	257
Devils Tower NM Class II	249	172	230	0	0	2	0	0	1	0	0	1	0	0	1	20	3	12	18	2	12	19	2	12
Fort Belknap IR Class II	35	22	89	0	0	2	0	0	0	0	0	1	0	0	1	4	1	10	4	0	10	4	1	10
Fort Laramie NHS Class II	257	177	381	0	0	3	0	0	0	0	0	1	0	0	0	4	1	12	2	1	11	4	1	12
Jedediah Smith W Class II	60	46	191	0	0	1	0	0	0	0	0	0	0	0	0	1	0	6	1	0	6	1	0	6
Jewel Cave NM Class II	251	166	440	0	0	3	0	0	0	0	0	1	0	0	1	9	2	17	7	2	16	8	2	16
Lee Metcalf W Class II	34	22	65	0	0	2	0	0	1	0	0	1	0	0	3	1	0	8	1	0	8	1	0	8
Mt Naomi W Class II	48	34	235	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	0	0	2
Mt Rushmore Class II	201	125	350	0	0	3	0	0	0	0	0	1	0	0	1	7	1	13	6	1	12	7	1	12
Popo Agie W Class II	150	100	894	0	0	4	0	0	1	0	0	1	0	0	1	7	4	18	6	4	17	7	4	18
Soldier Creek WA Class II	254	186	301	0	0	1	0	0	0	0	0	0	0	0	1	5	0	6	3	0	6	3	0	6
Wellsville Mountain W Class II	35	20	165	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2
Wind River IR Class II	264	207	1085	2	0	6	0	0	1	0	0	2	0	0	3	18	8	27	15	8	25	18	8	26

**Table D-7 Continued - Visibility Impacts - Method 2 - Future Alternatives**

Receptor Set	MT COAL		MT EDF (same as base year)			MT OIL & GAS - Construction		MT OIL & GAS - Operation		MT OTHER (same as base year)		MT Power Plants		WY CBNG - Construction		WY CBNG - Operation								
	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>	Number of Days > N% Change in B <sub>ext</sub>	Maximum % Change in B <sub>ext</sub>						
																			5%	10%	5%	10%	5%	10%
<b>CLASS I AREAS</b>																								
Badlands NP Class I	0	0	2	0	0	2	0	0	0	0	0	0	8	3	12	61	23	36	3	0	8	15	3	17
Bob Marshall W Class I	0	0	1	0	0	1	0	0	0	0	0	0	8	2	13	31	22	64	0	0	1	0	0	1
Bridger W Class I	1	0	6	1	0	5	0	0	1	0	0	0	16	12	31	38	25	59	8	4	26	16	8	53
Fitzpatrick W Class I	1	0	7	1	0	6	0	0	1	0	0	0	16	9	42	34	22	66	4	3	11	11	4	23
Fort Peck IR Class I	2	0	7	0	0	1	0	0	1	0	0	0	22	3	16	76	34	36	1	0	6	8	1	13
Gates of the Mountain W Class I	0	0	1	0	0	1	0	0	0	0	0	0	26	12	26	67	37	119	0	0	1	0	0	2
Grand Teton NP Class I	0	0	2	0	0	2	0	0	0	0	0	0	4	2	10	46	20	45	0	0	4	3	0	9
North Absaorka W Class I	3	0	8	1	0	6	0	0	1	0	0	0	29	16	46	91	45	58	3	1	10	7	3	21
North Cheyenne IR Class I	53	8	20	0	0	5	13	1	13	0	0	3	47	18	30	151	84	82	31	7	22	72	34	45
Red Rock Lakes Class I	0	0	1	0	0	1	0	0	0	0	0	0	6	1	18	46	23	26	0	0	1	0	0	3
Scapegoat W Class I	0	0	1	0	0	1	0	0	0	0	0	0	21	8	19	50	39	177	0	0	1	0	0	1
Teton W Class I	0	0	5	1	0	8	0	0	1	0	0	0	17	6	57	53	25	58	2	0	6	5	2	11
Theodore Roosevelt NP Class I	2	0	6	0	0	3	0	0	1	0	0	0	16	6	32	64	24	43	1	0	7	6	1	14
UL Bend W Class I	2	0	8	0	0	2	0	0	0	0	0	0	15	4	15	113	48	43	0	0	4	3	0	8
Washakie W Class I	4	0	8	1	0	9	0	0	2	0	0	0	24	21	61	79	41	66	4	1	11	6	4	23
Wind Cave NP Class I	0	0	3	0	0	2	0	0	1	0	0	0	7	0	7	66	27	24	6	1	11	21	6	23
Yellowstone NP Class I	1	0	7	1	0	5	0	0	1	0	0	0	23	10	36	100	58	58	1	0	9	5	1	18
<b>SENSITIVE CLASS II AREAS</b>																								
Absaorka Beartooth W Class II	2	1	18	1	0	5	0	0	3	0	0	0	58	34	61	152	85	159	3	1	12	6	3	25
Agate Fossil Beds NM Class II	0	0	1	0	0	1	0	0	0	0	0	0	1	0	5	36	11	20	4	0	7	16	5	14
Big Horn Canyon NRA Class II	109	81	174	1	0	6	0	0	3	0	0	0	76	28	52	147	81	57	10	7	49	20	11	104
Black Elk W Class II	0	0	3	0	0	2	0	0	1	0	0	0	7	0	7	60	25	29	5	0	10	17	5	20
Cloud Peak Class II	7	2	13	0	0	4	1	0	7	0	0	1	30	7	18	97	51	60	21	10	44	43	21	95
Crow IR Class II	365	359	607	5	0	8	1	0	5	0	0	1	127	58	63	225	120	88	87	43	50	128	86	101
Devils Tower NM Class II	0	0	3	0	0	2	0	0	1	0	0	0	13	2	12	71	27	41	12	1	14	40	13	29
Fort Belknap IR Class II	0	0	3	0	0	2	0	0	1	0	0	0	17	8	23	120	60	40	0	0	5	3	0	9
Fort Laramie NHS Class II	0	0	1	0	0	1	0	0	1	0	0	0	5	0	7	36	9	19	8	2	18	16	8	37
Jedediah Smith W Class II	0	0	2	0	0	1	0	0	0	0	0	0	5	0	9	42	22	46	0	0	4	2	0	8
Jewel Cave NM Class II	0	0	3	0	0	2	0	0	1	0	0	0	7	0	9	60	27	35	6	0	10	23	6	20
Lee Metcalf W Class II	0	0	3	0	0	2	0	0	1	0	0	0	35	19	32	142	95	172	0	0	2	0	0	4
Mt Naomi W Class II	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	3	1	16	0	0	2	0	0	3
Mt Rushmore Class II	0	0	2	0	0	1	0	0	1	0	0	0	7	0	7	57	25	27	4	0	9	14	4	19
Popo Agie W Class II	0	0	4	0	0	4	0	0	1	0	0	0	15	9	32	38	23	45	10	3	30	16	10	62
Soldier Creek WA Class II	0	0	2	0	0	1	0	0	0	0	0	0	9	0	9	48	15	34	7	0	9	32	8	19
Wellsville Mountain W Class II	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	0	10	0	0	1	0	0	3
Wind River IR Class II	4	0	7	2	1	10	0	0	2	0	0	0	33	22	82	95	46	78	17	9	41	33	17	85

