COAL CREEK STATION
UNITS 1 AND 2
NO_X BART ANALYSIS

YEAR	UNIT	LNC3+		SNCR+LNC3+		DIFFERENCE	
		90TH PCTL. DELTA-DV	98TH PCTL. DELTA-DV	90TH PCTL. DELTA-DV	98TH PCTL. DELTA-DV	90TH PCTL. DELTA-DV	98TH PCTL. DELTA-DV
2000	TRNP-SU	0.238	0.918	0.216	0.837	0.022	0.081
2001	TRNP-SU	0.199	1.001	0.181	0.921	0.018	0.080
2002	TRNP-SU	0.423	2.165	0.380	1.960	0.043	0.205
AVERAGE	*TRNP-SU*	*0.287*	*1.361*	*0.259*	*1.239*	*0.028*	*0.122*
2000	TRNP-NU	0.243	0.826	0.222	0.749	0.021	0.077
2001	TRNP-NU	0.257	0.955	0.254	0.848	0.003	0.107
2002	TRNP-NU	0.286	1.756	0.265	1.561	0.021	0.195
AVERAGE	*TRNP-NU*	*0.262*	*1.179*	*0.247*	*1.053*	*0.015*	*0.126*
2000	ELKHORN RANCH	0.164	0.622	0.151	0.584	0.013	0.038
2001	ELKHORN RANCH	0.150	0.923	0.140	0.814	0.010	0.109
2002	ELKHORN RANCH	0.263	1.493	0.245	1.339	0.018	0.154
AVERAGE	*ELKHORN RANCH*	*0.192*	*1.013*	*0.179*	*0.912*	*0.014*	*0.100*
2000	LOSTWOOD W.A.	0.421	0.943	0.382	0.861	0.039	0.082
2001	LOSTWOOD W.A.	0.424	1.805	0.387	1.711	0.037	0.094
2002	LOSTWOOD W.A.	0.285	1.479	0.277	1.329	0.008	0.150
AVERAGE	*LOSTWOOD W.A.*	*0.377*	*1.409*	*0.349*	*1.300*	*0.028*	*0.109*
OVERALL AVERAGE		*0.279*	*1.241*	*0.258*	*1.126*	*0.021*	*0.114*

CALBART - Summary of Visibility Results for 24-hr Delta-Deciview

Coal Creek Station - LNC3+ NOx - Year 2000 Met. Data

Title lines from CALPUFF (POSTUTIL) output file:

Coal Creek Station (Units 1+2) - LNC3+ NOx - Calpuff 5.711a
Year 2000 Calmet Met. Data - RUC2d Mesoscale Data - Monthly NH3
BART Protocol Receptors (99)

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	% of Modeled Extinction by Species %_SO4	%_NO3	%_PMC	%_PMF
TRNP SOUTH UNIT												
Largest Delta-DV	2.477	4.711	2.234	2000	72	53	107	2.80	51.37	46.79	0.64	1.20
98th %tile Delta-DV	0.916	3.149	2.234	2000	75	56	110	2.80	54.95	43.59	0.21	1.24
90th %tile Delta-DV	0.238	2.387	2.149	2000	184	48	102	2.40	81.60	16.07	0.79	1.54

Number of days with Delta-Deciview > 0.50: 17
Number of days with Delta-Deciview > 1.00: 7
Max number of consecutive days with Delta-Deciview > 0.50: 2

TRNP NORTH UNIT												
Largest Delta-DV	2.235	4.468	2.234	2000	74	67	56	2.80	62.02	36.80	0.15	1.03
98th %tile Delta-DV	0.826	3.060	2.234	2000	54	84	113	2.80	55.74	42.49	0.61	1.16
90th %tile Delta-DV	0.243	2.371	2.127	2000	110	63	52	2.30	14.51	71.20	5.99	8.30

Number of days with Delta-Deciview > 0.50: 17
Number of days with Delta-Deciview > 1.00: 6
Max number of consecutive days with Delta-Deciview > 0.50: 1

TRNP ELKHORN RANCH												
Largest Delta-DV	2.297	4.531	2.234	2000	74	90	72	2.80	60.82	38.01	0.16	1.01
98th %tile Delta-DV	0.622	2.728	2.106	2000	265	90	72	2.20	66.24	31.51	0.68	1.57
90th %tile Delta-DV	0.164	2.397	2.234	2000	56	90	72	2.80	59.92	38.16	0.59	1.33

Number of days with Delta-Deciview > 0.50: 10
Number of days with Delta-Deciview > 1.00: 2
Max number of consecutive days with Delta-Deciview > 0.50: 1

LOSTWOOD NWA												
Largest Delta-DV	3.216	5.491	2.275	2000	47	99	81	2.90	56.36	42.40	0.40	0.84
98th %tile Delta-DV	0.943	3.218	2.275	2000	72	97	79	2.90	55.21	43.59	0.42	0.78
90th %tile Delta-DV	0.421	2.696	2.275	2000	62	99	81	2.90	46.68	51.70	0.40	1.21

Number of days with Delta-Deciview > 0.50: 28
Number of days with Delta-Deciview > 1.00: 5
Max number of consecutive days with Delta-Deciview > 0.50: 2

:ALBART - Summary of Visibility Results for 24-hr Delta-Deciview

:oal Creek Station - LNC3+ NOx - Year 2001 Met. Data

'itle lines from CALPUFF (POSTUTIL) output file:

:oal Creek Station (Units 1+2) - LNC3+ NOx - Calpuff 5.711a
'ear 2001 Calmet Met. Data - RUC2d Mesoscale Data - Monthly NH3
;ART Protocol Receptors (99)

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	% of Modeled Extinction by Species %_SO4	%_NO3	%_PMC	%_PMF
'RNP SOUTH UNIT												
Largest Delta-DV	2.270	4.504	2.234	2001	64	52	106	2.80	62.43	36.71	0.28	0.58
98th %tile Delta-DV	1.001	3.255	2.255	2001	12	48	102	2.90	58.19	40.57	0.49	0.75
90th %tile Delta-DV	0.199	2.475	2.276	2001	330	53	107	3.00	14.74	74.95	4.56	5.74
Number of days with Delta-Deciview > 0.50:	19											
Number of days with Delta-Deciview > 1.00:	8											
Max number of consecutive days with Delta-Deciview > 0.50:	2											
'RNP NORTH UNIT												
Largest Delta-DV	2.996	5.230	2.234	2001	64	82	71	2.80	62.12	36.83	0.36	0.69
98th %tile Delta-DV	0.955	3.082	2.127	2001	98	84	113	2.30	38.08	57.13	1.96	2.84
90th %tile Delta-DV	0.257	2.363	2.106	2001	234	82	71	2.20	93.61	1.77	1.91	2.70
Number of days with Delta-Deciview > 0.50:	22											
Number of days with Delta-Deciview > 1.00:	6											
Max number of consecutive days with Delta-Deciview > 0.50:	3											
'RNP ELKHORN RANCH												
Largest Delta-DV	2.268	4.501	2.234	2001	64	90	72	2.80	63.21	35.93	0.29	0.57
98th %tile Delta-DV	0.923	3.050	2.127	2001	92	90	72	2.30	40.81	56.71	0.82	1.65
90th %tile Delta-DV	0.150	2.277	2.127	2001	101	90	72	2.30	69.03	30.18	0.18	0.60
Number of days with Delta-Deciview > 0.50:	14											
Number of days with Delta-Deciview > 1.00:	5											
Max number of consecutive days with Delta-Deciview > 0.50:	2											
_OSTWOOD NWA												
Largest Delta-DV	3.910	6.186	2.275	2001	64	91	73	2.90	53.36	45.25	0.38	1.01
98th %tile Delta-DV	1.805	3.950	2.145	2001	259	97	79	2.30	70.36	27.48	0.69	1.47
90th %tile Delta-DV	0.424	2.591	2.167	2001	275	93	75	2.40	53.17	41.71	1.62	3.50
Number of days with Delta-Deciview > 0.50:	30											
Number of days with Delta-Deciview > 1.00:	16											
Max number of consecutive days with Delta-Deciview > 0.50:	3											

:ALBART - Summary of Visibility Results for 24-hr Delta-Deciview

:oal Creek Station - LNC3+ NOx - Year 2002 Met. Data

'itle lines from CALPUFF (POSTUTIL) output file:

:oal Creek Station (Units 1+2) - LNC3+ NOx - Calpuff 5.711a
/ear 2002 Calmet Met. Data - RUC2d Mesoscale Data - Monthly NH3
3ART Protocol Receptors (99)

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	% of Modeled Extinction by Species %_SO4	%_NO3	%_PMC	%_PMF
ΓRNP SOUTH UNIT												
Largest Delta-DV	3.716	5.950	2.234	2002	78	46	46	2.80	54.69	44.10	0.23	0.98
98th %tile Delta-DV	2.165	4.420	2.255	2002	26	47	101	2.90	47.10	51.10	0.67	1.13
90th %tile Delta-DV	0.423	2.657	2.234	2002	79	53	107	2.80	48.79	49.86	0.17	1.18

Number of days with Delta-Deciview > 0.50: 32
Number of days with Delta-Deciview > 1.00: 20
Max number of consecutive days with Delta-Deciview > 0.50: 3

ΓRNP NORTH UNIT												
Largest Delta-DV	5.674	7.907	2.234	2002	73	89	118	2.80	48.83	49.18	0.79	1.19
98th %tile Delta-DV	1.756	3.990	2.234	2002	50	58	47	2.80	40.72	56.95	0.71	1.62
90th %tile Delta-DV	0.286	2.541	2.255	2002	30	82	71	2.90	61.70	37.57	0.15	0.58

Number of days with Delta-Deciview > 0.50: 25
Number of days with Delta-Deciview > 1.00: 15
Max number of consecutive days with Delta-Deciview > 0.50: 4

ΓRNP ELKHORN RANCH												
Largest Delta-DV	4.687	6.920	2.234	2002	73	90	72	2.80	52.40	45.85	0.64	1.11
98th %tile Delta-DV	1.493	3.768	2.276	2002	336	90	72	3.00	43.31	54.36	1.02	1.31
90th %tile Delta-DV	0.263	2.369	2.106	2002	271	90	72	2.20	49.87	44.74	2.47	2.92

Number of days with Delta-Deciview > 0.50: 19
Number of days with Delta-Deciview > 1.00: 12
Max number of consecutive days with Delta-Deciview > 0.50: 2

_OSTWOOD NWA												
Largest Delta-DV	3.119	5.394	2.275	2002	74	97	79	2.90	56.69	41.97	0.43	0.91
98th %tile Delta-DV	1.479	3.646	2.167	2002	301	91	73	2.40	44.63	53.03	0.74	1.59
90th %tile Delta-DV	0.285	2.496	2.211	2002	172	97	79	2.60	76.39	14.48	3.02	6.11

Number of days with Delta-Deciview > 0.50: 24
Number of days with Delta-Deciview > 1.00: 12
Max number of consecutive days with Delta-Deciview > 0.50: 3

:ALBART - Summary of Visibility Results for 24-hr Delta-Deciview

:oal Creek Station - LNC3+ & SNCR NOx - Year 2000 Met. Data

'itle lines from CALPUFF (POSTUTIL) output file:

:oal Creek Station (Units 1+2) - LNC3+ & SNCR NOx - Calpuff 5.711a
'ear 2000 Calmet Met. Data - RUC2d Mesoscale Data - Monthly NH3
3ART Protocol Receptors (99)

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	% of Modeled Extinction by Species %_SO4	%_NO3	%_PMC	%_PMF
'RNP SOUTH UNIT												
Largest Delta-DV	2.260	4.493	2.234	2000	72	53	107	2.80	56.96	40.99	0.71	1.34
98th %tile Delta-DV	0.837	3.070	2.234	2000	75	56	110	2.80	60.39	38.01	0.24	1.36
90th %tile Delta-DV	0.216	2.343	2.127	2000	101	46	46	2.30	52.59	44.08	0.85	2.47

Number of days with Delta-Deciview > 0.50: 16
Number of days with Delta-Deciview > 1.00: 7
Max number of consecutive days with Delta-Deciview > 0.50: 2

'RNP NORTH UNIT												
Largest Delta-DV	2.080	4.314	2.234	2000	74	67	56	2.80	67.16	31.56	0.16	1.12
98th %tile Delta-DV	0.749	2.982	2.234	2000	36	82	71	2.80	47.93	49.67	0.66	1.74
90th %tile Delta-DV	0.222	2.370	2.149	2000	183	85	114	2.40	83.40	12.91	1.19	2.50

Number of days with Delta-Deciview > 0.50: 14
Number of days with Delta-Deciview > 1.00: 6
Max number of consecutive days with Delta-Deciview > 0.50: 1

'RNP ELKHORN RANCH												
Largest Delta-DV	2.134	4.367	2.234	2000	74	90	72	2.80	66.03	32.70	0.18	1.10
98th %tile Delta-DV	0.584	2.690	2.106	2000	265	90	72	2.20	70.76	26.84	0.73	1.68
90th %tile Delta-DV	0.151	2.385	2.234	2000	56	90	72	2.80	64.94	32.97	0.64	1.44

Number of days with Delta-Deciview > 0.50: 10
Number of days with Delta-Deciview > 1.00: 2
Max number of consecutive days with Delta-Deciview > 0.50: 1

_OSTWOOD NWA												
Largest Delta-DV	2.971	5.246	2.275	2000	47	99	81	2.90	61.80	36.84	0.44	0.92
98th %tile Delta-DV	0.861	3.137	2.275	2000	72	97	79	2.90	60.69	38.00	0.46	0.85
90th %tile Delta-DV	0.382	2.614	2.232	2000	204	96	78	2.70	55.31	42.05	0.94	1.71

Number of days with Delta-Deciview > 0.50: 26
Number of days with Delta-Deciview > 1.00: 4
Max number of consecutive days with Delta-Deciview > 0.50: 2

:ALBART - Summary of Visibility Results for 24-hr Delta-Deciview

:oal Creek Station - LNC3+ & SNCR NOx - Year 2001 Met. Data

'itle lines from CALPUFF (POSTUTIL) output file:

:oal Creek Station (Units 1+2) - LNC3+ & SNCR NOx - Calpuff 5.711a
'ear 2001 Calmet Met. Data - RUC2d Mesoscale Data - Monthly NH3
;ART Protocol Receptors (99)

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	% of Modeled Extinction by Species %_SO4	%_NO3	%_PMC	%_PMF
'RNP SOUTH UNIT												
Largest Delta-DV	2.115	4.349	2.234	2001	64	52	106	2.80	67.57	31.50	0.31	0.63
98th %tile Delta-DV	0.921	3.175	2.255	2001	12	48	102	2.90	63.53	35.12	0.54	0.81
90th %tile Delta-DV	0.181	2.309	2.127	2001	148	49	103	2.30	47.16	46.49	2.83	3.51

Number of days with Delta-Deciview > 0.50: 19
Number of days with Delta-Deciview > 1.00: 4
Max number of consecutive days with Delta-Deciview > 0.50: 2

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	%_SO4	%_NO3	%_PMC	%_PMF
'RNP NORTH UNIT												
Largest Delta-DV	2.793	5.027	2.234	2001	64	82	71	2.80	67.35	31.51	0.39	0.75
98th %tile Delta-DV	0.848	2.975	2.127	2001	98	84	113	2.30	43.13	51.45	2.21	3.21
90th %tile Delta-DV	0.254	2.488	2.234	2001	62	82	71	2.80	73.51	25.51	0.25	0.73

Number of days with Delta-Deciview > 0.50: 19
Number of days with Delta-Deciview > 1.00: 6
Max number of consecutive days with Delta-Deciview > 0.50: 3

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	%_SO4	%_NO3	%_PMC	%_PMF
'RNP ELKHORN RANCH												
Largest Delta-DV	2.116	4.349	2.234	2001	64	90	72	2.80	68.31	30.76	0.31	0.62
98th %tile Delta-DV	0.814	2.941	2.127	2001	92	90	72	2.30	46.51	50.68	0.94	1.88
90th %tile Delta-DV	0.140	2.268	2.127	2001	101	90	72	2.30	73.67	25.50	0.19	0.64

Number of days with Delta-Deciview > 0.50: 11
Number of days with Delta-Deciview > 1.00: 4
Max number of consecutive days with Delta-Deciview > 0.50: 2

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	%_SO4	%_NO3	%_PMC	%_PMF
.OSTWOOD NWA												
Largest Delta-DV	3.599	5.874	2.275	2001	64	91	73	2.90	58.95	39.52	0.42	1.11
98th %tile Delta-DV	1.711	3.856	2.145	2001	259	97	79	2.30	74.59	23.12	0.73	1.56
90th %tile Delta-DV	0.387	2.555	2.167	2001	275	93	75	2.40	58.24	36.15	1.77	3.83

Number of days with Delta-Deciview > 0.50: 28
Number of days with Delta-Deciview > 1.00: 15
Max number of consecutive days with Delta-Deciview > 0.50: 3

:ALBART - Summary of Visibility Results for 24-hr Delta-Deciview

:oal Creek Station - LNC3+ & SNCR NOx - Year 2002 Met. Data

'itle lines from CALPUFF (POSTUTIL) output file:

:oal Creek Station (Units 1+2) - LNC3+ & SNCR NOx - Calpuff 5.711a
'ear 2002 Calmet Met. Data - RUC2d Mesoscale Data - Monthly NH3
:ART Protocol Receptors (99)

	DELTA-DV	DV(Total)	DV(BKG)	YEAR	DAY	SEQ RECEP	ND RECEP	F(RH)	% of Modeled Extinction by Species %_SO4	%_NO3	%_PMC	%_PMF
'RNP SOUTH UNIT												
Largest Delta-DV	3.428	5.661	2.234	2002	78	46	46	2.80	60.21	38.47	0.25	1.08
98th %tile Delta-DV	1.960	4.215	2.255	2002	26	47	101	2.90	52.58	45.42	0.74	1.26
90th %tile Delta-DV	0.380	2.613	2.234	2002	79	53	107	2.80	54.52	43.97	0.19	1.32

Number of days with Delta-Deciview > 0.50: 30
Number of days with Delta-Deciview > 1.00: 20
Max number of consecutive days with Delta-Deciview > 0.50: 3

'RNP NORTH UNIT												
Largest Delta-DV	5.219	7.453	2.234	2002	73	89	118	2.80	54.42	43.37	0.89	1.33
98th %tile Delta-DV	1.561	3.795	2.234	2002	50	58	47	2.80	46.27	51.09	0.81	1.84
90th %tile Delta-DV	0.265	2.519	2.255	2002	30	82	71	2.90	66.84	32.37	0.17	0.63

Number of days with Delta-Deciview > 0.50: 23
Number of days with Delta-Deciview > 1.00: 14
Max number of consecutive days with Delta-Deciview > 0.50: 4

'RNP ELKHORN RANCH												
Largest Delta-DV	4.323	6.557	2.234	2002	73	90	72	2.80	57.93	40.14	0.70	1.23
98th %tile Delta-DV	1.339	3.614	2.276	2002	336	90	72	3.00	48.67	48.71	1.15	1.47
90th %tile Delta-DV	0.245	2.351	2.106	2002	255	90	72	2.20	71.86	17.95	3.51	6.68

Number of days with Delta-Deciview > 0.50: 18
Number of days with Delta-Deciview > 1.00: 11
Max number of consecutive days with Delta-Deciview > 0.50: 2

.OSTWOOD NWA												
Largest Delta-DV	2.881	5.156	2.275	2002	74	97	79	2.90	62.13	36.39	0.47	1.00
98th %tile Delta-DV	1.329	3.497	2.167	2002	301	91	73	2.40	50.03	47.35	0.83	1.78
90th %tile Delta-DV	0.277	2.488	2.211	2002	172	97	79	2.60	78.74	11.85	3.11	6.30

Number of days with Delta-Deciview > 0.50: 24
Number of days with Delta-Deciview > 1.00: 11
Max number of consecutive days with Delta-Deciview > 0.50: 3