

### Statistics for O3 dry deposition flux at FOREST sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
CNT169	41.36	-106.24	flux	CF	0.93	0.8649	2.31
DEN417	63.72	-148.97	flux	CF	-0.11	0.0121	-0.03
MOR409	46.76	-122.12	flux	CF	0.61	0.3721	0.14
PED108	37.17	-78.31	flux	CF	0.97	0.9409	1.01
POF425	65.12	-147.43	flux	CF	-	-	-
SEK402	36.43	-118.76	flux	CF	-0.73	0.5329	-0.07
CDR119	38.88	-80.85	flux	DF	0.97	0.9409	1.15
KEF112	41.6	-78.77	flux	DF	0.94	0.8836	0.88
LCW121	37.13	-82.99	flux	DF	0.97	0.9409	1.43
LYE145	43.05	-73.06	flux	DF	-	-	-
MKG113	41.43	-80.15	flux	DF	0.96	0.9216	1.22
ONL102	35.96	-84.29	flux	DF	-	-	-
PAR107	39.09	-79.66	flux	DF	0.96	0.9216	0.86
PRK134	45.21	-90.6	flux	DF	0.92	0.8464	1.32
SHN418	38.52	-78.43	flux	DF	0.9	0.81	0.7
VPI120	37.33	-80.56	flux	DF	0.93	0.8649	0.79
WFM105	44.39	-73.86	flux	DF	0.91	0.8281	1.19
WPA103	41.35	-74.05	flux	DF	-	-	-
WPB104	41.35	-74.05	flux	DF	0.93	0.8649	0.83
WST109	43.94	-71.7	flux	DF	0.9	0.81	1.69
ACA416	44.38	-68.26	flux	FO	0.97	0.9409	1.81
ALH157	38.87	-89.62	flux	FO	0.96	0.9216	1.72
ANA115	42.42	-83.9	flux	FO	0.97	0.9409	1.89
BEL116	39.03	-76.82	flux	FO	0.99	0.9801	1.47
BWR139	38.44	-76.11	flux	FO	0.95	0.9025	0.81
CAD150	34.18	-93.1	flux	FO	0.95	0.9025	1.69
CAT175	41.94	-74.55	flux	FO	-	-	-
CND125	35.26	-79.84	flux	FO	0.97	0.9409	0.87
COW137	35.06	-83.43	flux	FO	0.96	0.9216	1.65
CTH110	42.4	-76.65	flux	FO	0.95	0.9025	0.81
ESP127	36.04	-85.73	flux	FO	0.98	0.9604	1.93
GLR468	48.51	-114	flux	FO	0.77	0.5929	1.04
GRC474	36.06	-112.18	flux	FO	0.77	0.5929	0.23
GRS420	35.63	-83.94	flux	FO	0.94	0.8836	0.83
HOW132	45.22	-68.71	flux	FO	0.92	0.8464	1.63
HOX148	44.18	-85.74	flux	FO	0.96	0.9216	1.9
HWF187	43.97	-74.22	flux	FO	0.96	0.9216	3.09
LAV410	40.54	-121.58	flux	FO	-0.59	0.3481	-0.11
LRL117	39.99	-79.25	flux	FO	0.98	0.9604	0.83
NCS415	48.54	-121.45	flux	FO	0.69	0.4761	0.46
OLY421	48.1	-123.43	flux	FO	-	-	-
PNF126	36.11	-82.05	flux	FO	0.91	0.8281	0.65
ROM406	40.28	-105.55	flux	FO	0.91	0.8281	2.39
SUM156	30.11	-84.99	flux	FO	0.93	0.8649	2.03
VOY413	48.41	-92.83	flux	FO	0.93	0.8649	1.29
WEL149	44.22	-85.82	flux	FO	0.97	0.9409	2.12
YOS404	37.71	-119.7	flux	FO	-0.67	0.4489	-0.18

### Statistics for O3 dry deposition velocity at FOREST sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
-----------	----------	----------	-----------	-----	---------	-----	-------

CNT169	41.36	-106.24	dvel	CF	0.73	0.5329	1.49
DEN417	63.72	-148.97	dvel	CF	-0.22	0.0484	-0.01
MOR409	46.76	-122.12	dvel	CF	0.58	0.3364	0.12
PED108	37.17	-78.31	dvel	CF	0.88	0.7744	0.54
POF425	65.12	-147.43	dvel	CF	-	-	-
SEK402	36.43	-118.76	dvel	CF	-0.62	0.3844	-0.03
CDR119	38.88	-80.85	dvel	DF	0.9	0.81	0.53
KEF112	41.6	-78.77	dvel	DF	0.79	0.6241	0.58
LCW121	37.13	-82.99	dvel	DF	0.81	0.6561	0.35
LYE145	43.05	-73.06	dvel	DF	-	-	-
MKG113	41.43	-80.15	dvel	DF	0.84	0.7056	0.79
ONL102	35.96	-84.29	dvel	DF	-	-	-
PAR107	39.09	-79.66	dvel	DF	0.85	0.7225	0.48
PRK134	45.21	-90.6	dvel	DF	0.84	0.7056	1.02
SHN418	38.52	-78.43	dvel	DF	0.67	0.4489	0.47
VPI120	37.33	-80.56	dvel	DF	0.7	0.49	0.43
WFM105	44.39	-73.86	dvel	DF	0.7	0.49	0.74
WPA103	41.35	-74.05	dvel	DF	-	-	-
WPB104	41.35	-74.05	dvel	DF	0.85	0.7225	0.59
WST109	43.94	-71.7	dvel	DF	0.78	0.6084	0.8
ALH157	38.87	-89.62	dvel	FO	0.79	0.6241	0.99
ANA115	42.42	-83.9	dvel	FO	0.88	0.7744	1.5
BEL116	39.03	-76.82	dvel	FO	0.88	0.7744	1.2
BWR139	38.44	-76.11	dvel	FO	0.88	0.7744	0.74
CAD150	34.18	-93.1	dvel	FO	0.93	0.8649	0.55
CAT175	41.94	-74.55	dvel	FO	-	-	-
CND125	35.26	-79.84	dvel	FO	0.67	0.4489	0.26
COW137	35.06	-83.43	dvel	FO	0.66	0.4356	0.3
CTH110	42.4	-76.65	dvel	FO	0.86	0.7396	0.78
ESP127	36.04	-85.73	dvel	FO	0.94	0.8836	1.1
GLR468	48.51	-114	dvel	FO	0.87	0.7569	1.19
GRC474	36.06	-112.18	dvel	FO	-0.13	0.0169	-0.06
GRS420	35.63	-83.94	dvel	FO	0.69	0.4761	0.38
HOW132	45.22	-68.71	dvel	FO	0.94	0.8836	1.39
HOX148	44.18	-85.74	dvel	FO	0.87	0.7569	1.17
HWF187	43.97	-74.22	dvel	FO	0.83	0.6889	1.4
LAV410	40.54	-121.58	dvel	FO	-0.59	0.3481	-0.04
LRL117	39.99	-79.25	dvel	FO	0.9	0.81	0.52
NCS415	48.54	-121.45	dvel	FO	0.8	0.64	0.53
OLY421	48.1	-123.43	dvel	FO	-	-	-
PNF126	36.11	-82.05	dvel	FO	0.64	0.4096	0.29
ROM406	40.28	-105.55	dvel	FO	0.72	0.5184	1.37
SUM156	30.11	-84.99	dvel	FO	0.53	0.2809	0.3
VOY413	48.41	-92.83	dvel	FO	0.94	0.8836	1.53
WEL149	44.22	-85.82	dvel	FO	0.92	0.8464	1.68
YOS404	37.71	-119.7	dvel	FO	-0.47	0.2209	-0.1

#### Statistics for surface O3 at FOREST sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
CNT169	41.36	-106.24	surf	CF	0.81	0.6561	2.58
DEN417	63.72	-148.97	surf	CF	0.93	0.8649	0.68
MOR409	46.76	-122.12	surf	CF	0.66	0.4356	0.44
PED108	37.17	-78.31	surf	CF	0.71	0.5041	0.86

POF425	65.12	-147.43	surf	CF	-	-	-
SEK402	36.43	-118.76	surf	CF	-0.59	0.3481	-0.23
CDR119	38.88	-80.85	surf	DF	0.69	0.4761	1.02
KEF112	41.6	-78.77	surf	DF	0.79	0.6241	0.76
LCW121	37.13	-82.99	surf	DF	0.5	0.25	1.1
LYE145	43.05	-73.06	surf	DF	-	-	-
MKG113	41.43	-80.15	surf	DF	0.87	0.7569	0.94
ONL102	35.96	-84.29	surf	DF	-	-	-
PAR107	39.09	-79.66	surf	DF	0.75	0.5625	0.98
PRK134	45.21	-90.6	surf	DF	0.82	0.6724	0.84
SHN418	38.52	-78.43	surf	DF	0.95	0.9025	0.94
VPI120	37.33	-80.56	surf	DF	0.93	0.8649	1.09
WFM105	44.39	-73.86	surf	DF	0.47	0.2209	0.43
WPA103	41.35	-74.05	surf	DF	-	-	-
WPB104	41.35	-74.05	surf	DF	0.88	0.7744	0.75
WST109	43.94	-71.7	surf	DF	0.24	0.0576	0.18
ACA416	44.38	-68.26	dvel	FO	0.92	0.8464	1.62
ACA416	44.38	-68.26	surf	FO	0.66	0.4356	0.55
ALH157	38.87	-89.62	surf	FO	0.92	0.8464	1.37
ANA115	42.42	-83.9	surf	FO	0.89	0.7921	0.95
BEL116	39.03	-76.82	surf	FO	0.92	0.8464	0.73
BWR139	38.44	-76.11	surf	FO	0.97	0.9409	0.61
CAD150	34.18	-93.1	surf	FO	0.64	0.4096	1.62
CAT175	41.94	-74.55	surf	FO	-	-	-
CND125	35.26	-79.84	surf	FO	0.81	0.6561	1.19
COW137	35.06	-83.43	surf	FO	0.09	0.0081	0.17
CTH110	42.4	-76.65	surf	FO	0.87	0.7569	0.67
ESP127	36.04	-85.73	surf	FO	0.76	0.5776	1.31
GLR468	48.51	-114	surf	FO	0.94	0.8836	0.69
GRC474	36.06	-112.18	surf	FO	0.98	0.9604	0.89
GRS420	35.63	-83.94	surf	FO	0.94	0.8836	1.31
HOW132	45.22	-68.71	surf	FO	0.65	0.4225	0.35
HOX148	44.18	-85.74	surf	FO	0.5	0.25	0.74
HWF187	43.97	-74.22	surf	FO	0.1	0.01	0.09
LAV410	40.54	-121.58	surf	FO	-0.03	0.0009	-0.04
LRL117	39.99	-79.25	surf	FO	0.79	0.6241	0.87
NCS415	48.54	-121.45	surf	FO	0.75	0.5625	0.58
OLY421	48.1	-123.43	surf	FO	-	-	-
PNF126	36.11	-82.05	surf	FO	0.79	0.6241	1.3
ROM406	40.28	-105.55	surf	FO	0.69	0.4761	2.42
SUM156	30.11	-84.99	surf	FO	0.15	0.0225	0.28
VOY413	48.41	-92.83	surf	FO	0.96	0.9216	0.7
WEL149	44.22	-85.82	surf	FO	0.73	0.5329	0.94
YOS404	37.71	-119.7	surf	FO	-0.55	0.3025	-0.39

**Statistics for O3 dry deposition flux at CROP sites**

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
ABT147	41.84	-72.01	flux	CR	0.94	0.8836	0.77
ANL146	41.7	-87.99	flux	CR	0.97	0.9409	1.27
ARE128	39.92	-77.31	flux	CR	0.98	0.9604	0.8
ASH135	46.6	-68.41	flux	CR	0.93	0.8649	1.43
BFT142	34.88	-76.62	flux	CR	0.97	0.9409	0.73
BVL130	40.05	-88.37	flux	CR	0.91	0.8281	2.16

CDZ171	36.78	-87.85	flux	CR	0.98	0.9604	1.43
CHE185	35.75	-94.67	flux	CR	0.96	0.9216	1.32
CKT136	37.92	-83.07	flux	CR	0.97	0.9409	1.01
DCP114	39.64	-83.26	flux	CR	0.97	0.9409	1.21
EGB181	44.23	-79.78	flux	CR	-	-	-
GAS153	33.18	-84.41	flux	CR	0.98	0.9604	1.42
LYK123	40.92	-83	flux	CR	0.96	0.9216	1.08
MAC426	37.13	-86.14	flux	CR	0.93	0.8649	1.22
OXF122	39.53	-84.72	flux	CR	0.97	0.9409	1.19
PBF129	37.68	-84.97	flux	CR	0.95	0.9025	1.16
PSU106	40.72	-77.93	flux	CR	0.91	0.8281	1.19
QAK172	39.94	-81.34	flux	CR	0.97	0.9409	0.86
SAL133	40.82	-85.66	flux	CR	0.97	0.9409	1.5
SPD111	36.47	-83.83	flux	CR	0.97	0.9409	1.31
UVL124	43.61	-83.36	flux	CR	0.94	0.8836	2.42
VIN140	38.74	-87.48	flux	CR	0.98	0.9604	1.53

#### Statistics for O3 dry deposition velocity at CROP sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
ABT147	41.84	-72.01	dvel	CR	0.88	0.7744	0.7
ANL146	41.7	-87.99	dvel	CR	0.91	0.8281	0.93
ARE128	39.92	-77.31	dvel	CR	0.93	0.8649	0.76
ASH135	46.6	-68.41	dvel	CR	0.88	0.7744	1
BFT142	34.88	-76.62	dvel	CR	0.69	0.4761	0.23
BVL130	40.05	-88.37	dvel	CR	0.66	0.4356	1.17
CDZ171	36.78	-87.85	dvel	CR	0.89	0.7921	0.92
CHE185	35.75	-94.67	dvel	CR	0.97	0.9409	0.67
CKT136	37.92	-83.07	dvel	CR	0.82	0.6724	0.52
DCP114	39.64	-83.26	dvel	CR	0.92	0.8464	0.89
EGB181	44.23	-79.78	dvel	CR	-	-	-
GAS153	33.18	-84.41	dvel	CR	0.76	0.5776	0.51
LYK123	40.92	-83	dvel	CR	0.85	0.7225	0.76
MAC426	37.13	-86.14	dvel	CR	0.75	0.5625	0.59
OXF122	39.53	-84.72	dvel	CR	0.85	0.7225	0.81
PBF129	37.68	-84.97	dvel	CR	0.81	0.6561	0.63
PSU106	40.72	-77.93	dvel	CR	0.7	0.49	0.76
QAK172	39.94	-81.34	dvel	CR	0.91	0.8281	0.71
SAL133	40.82	-85.66	dvel	CR	0.87	0.7569	1.09
SPD111	36.47	-83.83	dvel	CR	0.79	0.6241	0.5
UVL124	43.61	-83.36	dvel	CR	0.8	0.64	1.82
VIN140	38.74	-87.48	dvel	CR	0.9	0.81	1.03

#### Statistics for surface O3 at CROP sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
ABT147	41.84	-72.01	surf	CR	0.82	0.6724	0.58
ANL146	41.7	-87.99	surf	CR	0.96	0.9216	1
ARE128	39.92	-77.31	surf	CR	0.95	0.9025	0.66
ASH135	46.6	-68.41	surf	CR	0.56	0.3136	0.31
BFT142	34.88	-76.62	surf	CR	0.62	0.3844	0.81
BVL130	40.05	-88.37	surf	CR	0.91	0.8281	1.12
CDZ171	36.78	-87.85	surf	CR	0.9	0.81	1.24
CHE185	35.75	-94.67	surf	CR	0.79	0.6241	1.89

CKT136	37.92	-83.07	surf	CR	0.88	0.7744	1.25
DCP114	39.64	-83.26	surf	CR	0.92	0.8464	1.05
EGB181	44.23	-79.78	surf	CR	nan		nan
GAS153	33.18	-84.41	surf	CR	0.79	0.6241	1.45
LYK123	40.92	-83	surf	CR	0.93	0.8649	0.99
MAC426	37.13	-86.14	surf	CR	0.83	0.6889	1.25
OXF122	39.53	-84.72	surf	CR	0.93	0.8649	1.03
PBF129	37.68	-84.97	surf	CR	0.81	0.6561	1.09
PSU106	40.72	-77.93	surf	CR	0.85	0.7225	0.78
QAK172	39.94	-81.34	surf	CR	0.91	0.8281	0.87
SAL133	40.82	-85.66	surf	CR	0.91	0.8281	1.1
SPD111	36.47	-83.83	surf	CR	0.78	0.6084	1.35
UVL124	43.61	-83.36	surf	CR	0.85	0.7225	1.02
VIN140	38.74	-87.48	surf	CR	0.9	0.81	1.16

#### Statistics for O3 dry deposition flux at GRASS LAND sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
ALC188	30.7	-94.67	flux	GS	0.66	0.4356	0.92
PAL190	34.88	-101.66	flux	GS	0.82	0.6724	1.43
WNC429	43.56	-103.48	flux	GS	0.96	0.9216	1.69
YEL408	44.57	-110.4	flux	GS	0.95	0.9025	2.45

#### Statistics for O3 dry deposition velocity at GRASS LAND sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
ALC188	30.7	-94.67	dvel	GS	0.85	0.7225	0.75
PAL190	34.88	-101.66	dvel	GS	0.52	0.2704	0.33
WNC429	43.56	-103.48	dvel	GS	0.88	0.7744	1.43
YEL408	44.57	-110.4	dvel	GS	0.93	0.8649	2.19

#### Statistics for surface O3 at GRASS LAND sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
ALC188	30.7	-94.67	surf	GS	0.29	0.0841	0.46
PAL190	34.88	-101.66	surf	GS	0.96	0.9216	1.5
WNC429	43.56	-103.48	surf	GS	0.94	0.8836	2.08
YEL408	44.57	-110.4	surf	GS	0.54	0.2916	1.24

#### Statistics for O3 dry deposition flux at SHRUB/DESERT sites

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
CAN407	38.46	-109.82	flux	DS	0.31	0.0961	0.05
DEV412	36.51	-116.85	flux	DS	-0.32	0.1024	-0.09
JOT403	34.07	-116.39	flux	DS	-0.46	0.2116	-0.13
PET427	34.82	-109.89	flux	DS	-0.29	0.0841	-0.03
BBE401	29.3	-103.18	flux	SH	0.03	0.0009	0.01
CHA467	32.01	-109.39	flux	SH	-0.22	0.0484	-0.09
CON186	34.19	-116.91	flux	SH	-0.61	0.3721	-0.12
GRB411	39.01	-114.22	flux	SH	0.69	0.4761	0.12
GTH161	38.96	-106.99	flux	SH	0.95	0.9025	0.89
MEV405	37.2	-108.49	flux	SH	0.91	0.8281	0.22
PIN414	36.48	-121.16	flux	SH	-0.5	0.25	-0.09
PND165	42.93	-109.79	flux	SH	0.92	0.8464	0.97

RCK163	43.21	-116.75	flux	SH	0.91	0.8281	0.29
SAN189	42.83	-97.85	flux	SH	0.96	0.9216	1.11
SAV164	41.29	-115.86	flux	SH	-0.37	0.1369	-0.03
SEK430	36.49	-118.83	flux	SH	-0.54	0.2916	-0.05
THR422	46.89	-103.38	flux	SH	0.95	0.9025	2.05
UIN162	40.55	-110.32	flux	SH	0.91	0.8281	0.22
WSP144	40.31	-74.87	flux	SH	0.97	0.9409	0.68

**Statistics for O3 dry deposition velocity at SHRUB/DESERT sites**

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
CAN407	38.46	-109.82	dvel	DS	-0.8	0.64	-0.09
DEV412	36.51	-116.85	dvel	DS	-0.36	0.1296	-0.16
JOT403	34.07	-116.39	dvel	DS	-0.14	0.0196	-0.05
PET427	34.82	-109.89	dvel	DS	-0.75	0.5625	-0.04
BBE401	29.3	-103.18	dvel	SH	-0.27	0.0729	-0.02
CHA467	32.01	-109.39	dvel	SH	-0.82	0.6724	-0.18
CON186	34.19	-116.91	dvel	SH	-0.43	0.1849	-0.08
GRB411	39.01	-114.22	dvel	SH	-0.52	0.2704	-0.07
GTH161	38.96	-106.99	dvel	SH	0.8	0.64	0.36
MEV405	37.2	-108.49	dvel	SH	-0.64	0.4096	-0.07
PIN414	36.48	-121.16	dvel	SH	-0.53	0.2809	-0.03
PND165	42.93	-109.79	dvel	SH	0.8	0.64	0.8
RCK163	43.21	-116.75	dvel	SH	0.77	0.5929	0.16
SAN189	42.83	-97.85	dvel	SH	0.86	0.7396	0.75
SAV164	41.29	-115.86	dvel	SH	-0.85	0.7225	-0.03
SEK430	36.49	-118.83	dvel	SH	0.07	0.0049	0
THR422	46.89	-103.38	dvel	SH	0.93	0.8649	2.16
UIN162	40.55	-110.32	dvel	SH	0.74	0.5476	0.09
WSP144	40.31	-74.87	dvel	SH	0.93	0.8649	0.56

**Statistics for surface O3 at SHRUB/DESERT sites**

Site code	Site Lat	Site Lon	Parameter	LCC	R-value	r^2	Slope
CAN407	38.46	-109.82	surf	DS	0.92	0.8464	0.67
DEV412	36.51	-116.85	surf	DS	-0.09	0.0081	-0.05
JOT403	34.07	-116.39	surf	DS	-0.4	0.16	-0.28
PET427	34.82	-109.89	surf	DS	0.37	0.1369	0.24
BBE401	29.3	-103.18	surf	SH	0.59	0.3481	0.56
CHA467	32.01	-109.39	surf	SH	0.36	0.1296	0.37
CON186	34.19	-116.91	surf	SH	-0.56	0.3136	-0.37
GRB411	39.01	-114.22	surf	SH	0.96	0.9216	0.87
GTH161	38.96	-106.99	surf	SH	-0.07	0.0049	-0.19
MEV405	37.2	-108.49	surf	SH	0.94	0.8836	1.27
PIN414	36.48	-121.16	surf	SH	-0.14	0.0196	-0.12
PND165	42.93	-109.79	surf	SH	0.82	0.6724	1.83
RCK163	43.21	-116.75	surf	SH	0.91	0.8281	0.94
SAN189	42.83	-97.85	surf	SH	0.89	0.7921	1.83
SAV164	41.29	-115.86	surf	SH	0.63	0.3969	0.47
SEK430	36.49	-118.83	surf	SH	-0.64	0.4096	-0.22
THR422	46.89	-103.38	surf	SH	0.96	0.9216	1.24
UIN162	40.55	-110.32	surf	SH	0.69	0.4761	1.21
WSP144	40.31	-74.87	surf	SH	0.93	0.8649	0.67