PNW Interior

High June	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
1987	2	1	-1	-2	-1	1	W	N
1992	2	2	-1	-2	-2	-2	W	N
1985	2	-2	-2	-2	-1	-2	N	N
1988	2	1	1	1	2	-2	W	W
1986	2	-2	-2	-2	-2	1	N	N
1982	1	2	2	2	2	2	N	N
2000	2	-2	-2	-2	-1	-2	C	W

High July	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
1985	2	1	2	2	-1	2	N	N
1996	2	-2	1	1	-1	-2	N	N
1994	2	-2	-2	-2	-2	-2	N	N
1980	-1	-1	-1	-1	2	-1	N	N
1983	-2	2	2	2	2	2	W	N
1989	1	-2	1	-2	-2	-2	C	W
1995	-1	2	-2	-2	-2	-2	N	N

High August	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
1999	1	2	1	-2	-1	-1	C	W
1996	2	-2	2	1	1	-2	N	N
1986	2	-1	-1	-2	-2	1	N	N
1984	1	2	2	2	2	2	N	W
1981	2	-1	2	2	2	2	N	N
1991	2	-1	2	1	2	-1	N	N
1992	2	-2	1	1	-2	-2	W	

Avg June	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
1994	1	-2	-2	-2	-2	-2	N	N
1996	1	-2	-1	-1	-2	-2	N	N
1999	-1	-1	-2	-1	-1	-1	C	W
1981	-1	1	1	2	-2	1	N	N
1997	-1	2	1	-1	-1	2	N	N
1983	-2	-1	2	1	1	2	W	N
1989	2	-2	-2	-2	-2	-2	C	W

Avg July	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
1997	-2	1	1	1	-1	1	N	N
1998	2	1	-2	2	2	2	W	N
2000	1	-1	-2	-2	-2	-2	C	W
1984	1	2	2	2	2	2	N	W
1990	2	1	-1	2	2	1	N	C
1991	2	-2	2	2	2	-1	N	N
1992	-1	2	2	-1	-2	-2	W	N

Avg August	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
1990	1	2	-1	2	2	1	N	C
1998	2	-2	2	2	2	2	W	N
1982	-1	-1	1	2	2	2	N	N
1988	-2	-2	-2	1	1	-2	W	W
1987	-2	-1	-1	1	-1	2	W	N
1997	1	2	1	1	-1	1	N	N
1989	-2	2	-2	-2	-2	-2	C	

Low June	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
1990	-1	-2	2	2	2	1	N	C
1984	-2	2	2	2	2	2	N	W
1980	-2	1	2	2	2	-1	N	N
1995	-2	2	1	-1	-2	-2	N	N
1998	-2	1	2	2	2	2	W	N
1991	-2	2	-2	2	1	-1	N	N
1993	-2	2	2	1	2	2	N	W

Low July	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
1987	-2	2	2	-1	-1	2	W	N
1981	-1	-2	1	2	-2	1	N	N
1988	2	-2	-1	1	1	-2	W	W
1982	-2	2	2	2	2	2	N	N
1986	-2	-1	-2	-2	-2	1	N	N
1999	-2	-2	-2	-2	-1	1	C	W
1993	-2	-2	-2	-1	-1	2	N	N

Low August	T	P	SM01	SM03	SM06	SM12	ENSO	ENSO-1
2000	1	-2	-2	-2	-2	-2	C	W
1983	1	2	2	2	1	2	W	N
1994	-2	-2	-2	-2	-2	-2	N	N
1980	-2	-2	2	2	2	-1	N	N
1993	-2	2	2	-1	-2	1	N	W
1985	-2	-1	-2	-1	-1	2	N	N
1995	-2	-1	-2	-2	-2	-2	N	N

Correlations with SG01

	T01	T03	T06	T12	P01	P03	P06	P12
Jan	0.61	0.32	0.39	0.13	-0.11	-0.37	-0.42	-0.40
Feb	0.59	0.30	0.27	0.17	-0.65	-0.35	-0.46	-0.31
Mar	0.65	0.45	0.44	0.42	-0.19	-0.52	-0.60	-0.66
Apr	0.68	0.70	0.52	0.33	-0.50	-0.63	-0.67	-0.52
May	0.84	0.75	0.54	0.43	-0.27	-0.63	-0.66	-0.46
Jun	0.64	0.40	0.30	0.26	-0.01	-0.07	-0.19	-0.11
Jul	0.64	0.30	0.06	0.15	0.10	-0.19	-0.20	0.05
Aug	0.56	0.47	0.22	0.43	-0.37	-0.22	0.22	-0.04
Sep	0.43	0.39	0.13	0.23	-0.29	-0.53	-0.29	-0.09
Oct	0.01	0.13	-0.22	-0.21	-0.61	-0.72	-0.31	-0.08
Nov	-0.08	-0.18	-0.25	-0.20	-0.24	-0.33	-0.26	-0.02
Dec								

Correlations with SG01-12

	SG/T01	SG/T03	T06	SG/T12	SG/P01	SG/P03	SG/P06	SG/P12
Jan		0.30	0.28	0.45		-0.33	0.15	-0.12
Feb	0.61		0.54	0.32	-0.11		-0.03	-0.20
Mar	0.59	0.30	0.33	0.22	-0.65	-0.37	-0.24	-0.10
Apr	0.65	0.60	0.59	0.13	-0.19	-0.55	-0.62	-0.06
May	0.68	0.75	0.57	0.23	-0.50	-0.66	-0.73	-0.19
Jun	0.84	0.77	0.56	0.40	-0.27	-0.62	-0.70	-0.22
Jul	0.64	0.75	0.71	0.43	-0.01	-0.26	-0.46	-0.30
Aug	0.64	0.66	0.59	0.58	0.10	-0.50	-0.62	-0.41
Sep	0.56	0.51	0.43	0.57	-0.37	-0.20	-0.49	-0.40
Oct	0.43	0.32	0.38	0.57	-0.29	-0.15	-0.36	-0.34
Nov	0.01	0.74	0.46	0.55	-0.61	-0.31	-0.13	-0.36
Dec	-0.08	0.61	0.43	0.55	-0.24	-0.08	0.11	-0.28

Elevation
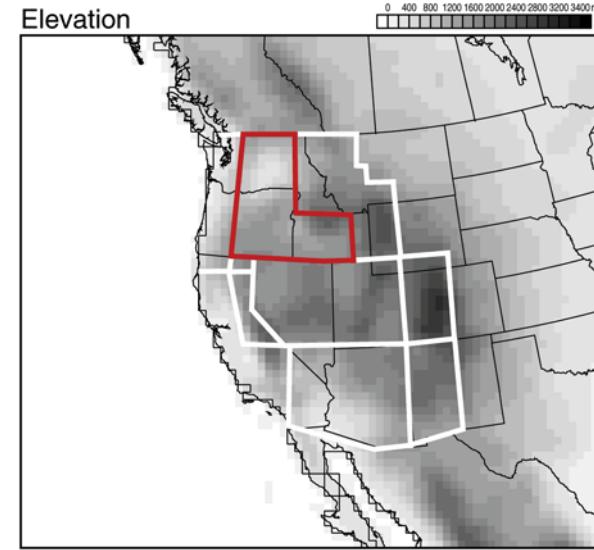
Rank and correlation of monthly fire number data 1980-2000 with CRU/RegCM climate variables over eight subregions of the west. The rankings are based on an imposed 33/33/33 distribution of high, normal, and low fire numbers. Both the fire and climate data have been transformed and standardized using the method for computing the standardized precipitation index. The fires are ranked with in each block of months, eg. the first year in June is the biggest over the 20-yr record and the last year low June is the lowest. Orange years are also high area years, grey are normal, and blue are low areas. The ranked climate variables for a specific fire year are temp, precip, and soil moisture anomalies for 1 (the current month), 3, 6, and 12 months. The colors are indicative of the sign of the rank. Light orange and light blue indicate the sign within the normal rank. ESNO is the current year, and ENSO-1 the previous year, only the sign and unranked. The upper correlation table is the correlation between monthly fire numbers and the indicated variable. Blue shades are > 0.5 and yellow are < -0.5. The lower table is the same, except the correlations are between the 1, 3, 6, and 12 month fire number anomaly and the same lags for the climate data.