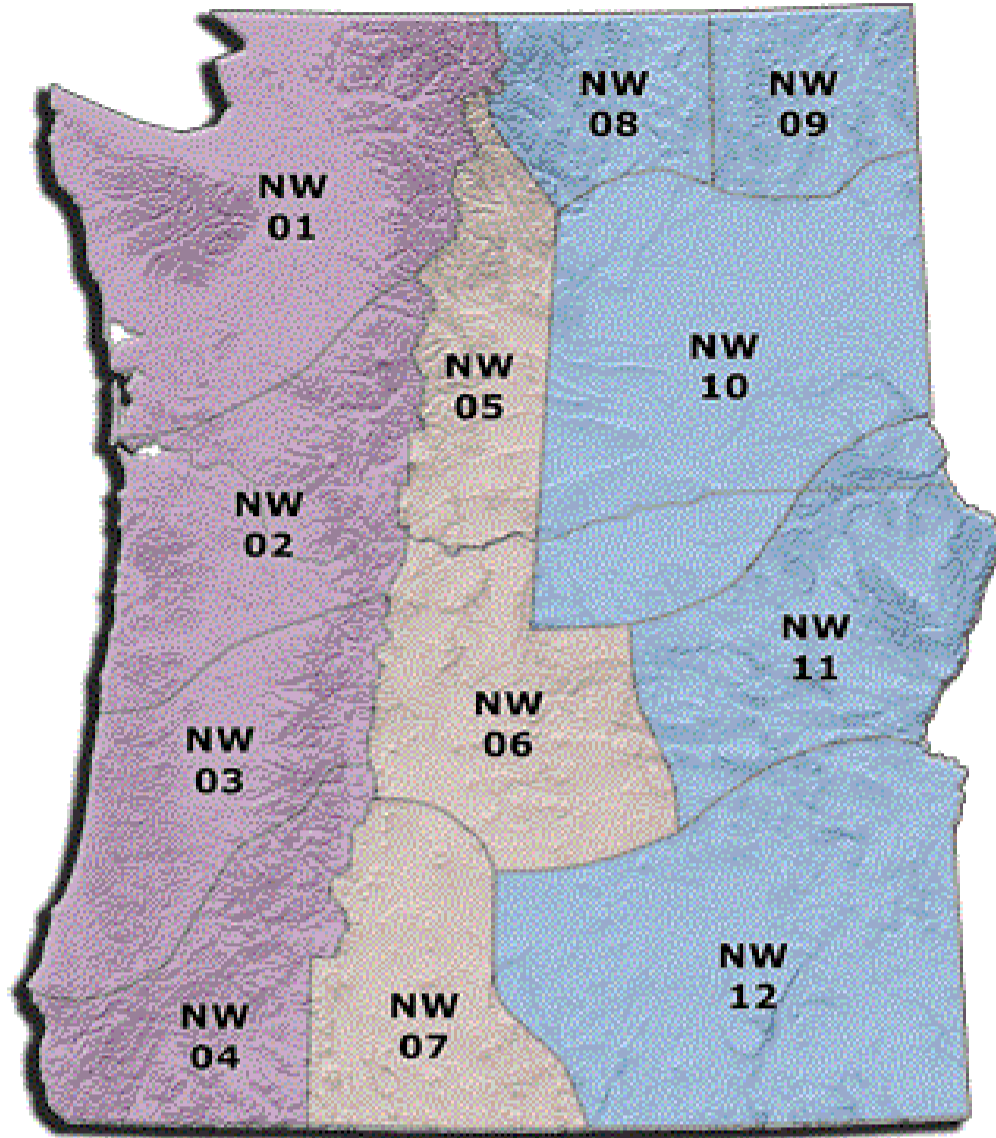


10 Day Predicted ERC and F100 (Fuel Model G)

Wednesday, August 21, 2013

10-day estimates of ERC & F100 by PSA based on expected weather



These estimates of ERC and F100 are based on regression developed here at NWCC. The equations use gridded data from weather models as predictors

The historical percentile values are from a data sample from mid June thru September 2000 thru 2011

		Forecast											Fire Season Percentiles		
		Obs yd	td	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	8/21 mean	90th	97th
PSA NW01	ERC	24	29	30	24	22	20	19	18	18	17	18	23	34	40
	F100	18	16	14	14	16	17	18	18	19	19	18	17	12	10
PSA NW02	ERC	36	39	36	32	28	28	28	27	26	26	28	27	39	46
	F100	14	13	12	13	15	16	16	17	17	17	17	17	11	10
PSA NW03	ERC	41	42	38	35	30	30	30	29	28	29	32	35	45	51
	F100	13	12	12	13	15	16	16	17	17	17	16	15	11	9
PSA NW04	ERC	54	54	48	47	42	40	40	40	39	41	45	51	60	65
	F100	11	10	11	12	13	14	15	15	15	15	14	12	9	8
PSA NW05	ERC	63	67	67	63	60	60	60	60	60	61	66	62	71	77
	F100	10	9	8	8	9	10	10	10	10	10	9	10	7	6
PSA NW06	ERC	68	70	68	66	62	61	60	61	60	61	63	67	75	79
	F100	9	8	8	8	9	10	10	10	10	10	10	9	6	6
PSA NW07	ERC	64	67	61	62	60	60	59	60	59	60	62	65	73	78
	F100	9	9	9	10	10	10	11	11	10	10	10	9	7	6
PSA NW08	ERC	66	68	70	66	65	64	64	64	65	65	65	73	72	77
	F100	8	8	7	8	8	8	8	9	9	9	9	8	7	6
PSA NW09	ERC	67	69	71	62	63	58	58	58	59	59	61	62	73	78
	F100	7	7	6	7	8	9	10	10	10	10	10	9	6	6
PSA NW10	ERC	72	76	76	73	70	68	69	70	69	69	70	74	81	85
	F100	7	7	6	6	7	8	8	8	8	8	8	8	6	5
PSA NW11	ERC	74	76	76	70	72	68	68	68	66	66	70	70	78	84
	F100	7	7	6	7	8	8	8	8	9	9	8	8	6	5
PSA NW12	ERC	87	87	82	80	84	82	82	80	79	80	80	83	89	93
	F100	5	5	6	7	7	7	7	7	7	7	7	6	5	4

* Color fills represent the Dryness Level as computed by the NFDR Index in bold red

Cumulative ERC Trend (Fuel Model G)

The table to the right shows, on each day, the forecasted **change** in the ERC relative to the current observed ERC. On red shaded days ERC-G values are expected to be **≥ 5 higher** (drier) than currently while on the blue shaded days ERC-G values are expected to be **≥ 5 lower** (wetter) than currently. In terms of ERC-G, bold red fonts indicate the driest day and bold black fonts the wettest day during the 10 day period

		td	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
PSA NW01	ERC	5	6	0	-2	-4	-5	-6	-6	-7	-6
PSA NW02	ERC	3	0	-4	-8	-8	-8	-9	-10	-10	-8
PSA NW03	ERC	1	-3	-6	-11	-11	-11	-12	-13	-12	-9
PSA NW04	ERC	0	-6	-7	-12	-14	-14	-14	-15	-13	-9
PSA NW05	ERC	4	4	0	-3	-3	-3	-3	-3	-2	3
PSA NW06	ERC	2	0	-2	-6	-7	-8	-7	-8	-7	-5
PSA NW07	ERC	3	-3	-2	-4	-4	-5	-4	-5	-4	-2
PSA NW08	ERC	2	4	0	-1	-2	-2	-2	-1	-1	-1
PSA NW09	ERC	2	4	-5	-4	-9	-9	-9	-8	-8	-6
PSA NW10	ERC	4	4	1	-2	-4	-3	-2	-3	-3	-2
PSA NW11	ERC	2	2	-4	-2	-6	-6	-6	-8	-8	-4
PSA NW12	ERC	0	-5	-7	-3	-5	-5	-7	-8	-7	-7