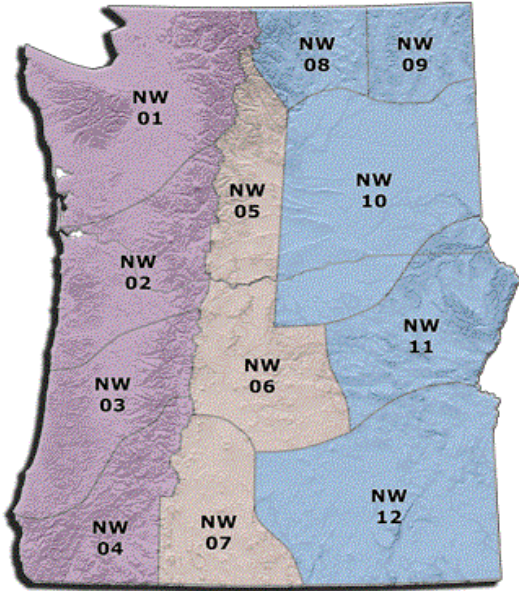


10 Day Predicted ERC and F100 (Fuel Model G)

Wednesday, September 23, 2020

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	9/23 mean	85th	95th
PSA NW01	ERC	12	8	3	0	0	0	6	12	17	20	23	#N/A	31	38
	F100	23	25	26	26	28	27	25	22	20	19	17	#N/A	13	10
PSA NW02	ERC	24	21	16	10	9	7	12	21	29	32	35	#N/A	38	45
	F100	21	21	22	22	22	21	20	16	13	12	12	#N/A	12	10
PSA NW03	ERC	29	26	23	19	17	16	21	30	36	38	41	#N/A	44	49
	F100	19	19	20	20	20	20	18	15	13	11	11	#N/A	11	10
PSA NW04	ERC	45	40	37	34	31	34	41	48	53	55	57	#N/A	59	64
	F100	16	16	17	18	18	18	16	13	12	11	10	#N/A	9	8
PSA NW05	ERC	57	49	42	36	28	28	34	41	45	50	52	#N/A	68	74
	F100	12	13	15	16	18	18	17	15	14	13	12	#N/A	7	6
PSA NW06	ERC	64	61	57	52	49	50	53	54	56	59	62	#N/A	73	77
	F100	12	12	12	13	14	13	13	13	13	11	10	#N/A	7	6
PSA NW07	ERC	68	66	62	58	57	58	63	68	72	73	75	#N/A	71	76
	F100	11	11	11	12	12	11	10	9	7	7	7	#N/A	7	6
PSA NW08	ERC	61	55	53	50	43	40	44	48	51	53	55	#N/A	77	82
	F100	12	13	13	13	15	15	14	13	13	12	12	#N/A	6	6
PSA NW09	ERC	58	57	53	47	39	37	40	42	45	48	50	#N/A	69	75
	F100	13	14	14	15	17	17	16	15	14	13	13	#N/A	7	6
PSA NW10	ERC	67	66	64	60	55	54	55	59	63	66	68	#N/A	78	82
	F100	11	11	11	12	13	13	12	12	11	10	10	#N/A	6	6
PSA NW11	ERC	68	68	60	54	49	46	48	53	58	61	64	#N/A	75	82
	F100	10	9	10	11	12	12	12	12	11	10	9	#N/A	6	5
PSA NW12	ERC	84	81	75	70	66	64	65	66	68	71	74	#N/A	88	93
	F100	7	7	8	9	10	10	10	9	9	8	7	#N/A	5	4

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	-4.7	-8.9	-12.3	-12.3	-12.3	-6.6	-0.4	4.3	8	10.7
PSA NW02	ERC	-3.3	-7.8	-13.9	-14.8	-16.7	-11.9	-2.9	4.5	7.9	10.7
PSA NW03	ERC	-3	-6.4	-10.6	-11.7	-12.8	-7.7	1	7.1	9.2	12
PSA NW04	ERC	-5.1	-8.5	-11.3	-14	-11.1	-4.1	3.3	7.4	10.3	12
PSA NW05	ERC	-7.6	-14.5	-21.2	-28.4	-29.1	-23	-15.7	-11.6	-6.8	-4.8
PSA NW06	ERC	-3.3	-7.1	-11.9	-15.7	-14.1	-11.5	-10.6	-8.1	-4.9	-2.5
PSA NW07	ERC	-2.2	-6.1	-10.3	-10.6	-9.8	-5.3	-0.2	3.6	5.3	6.6
PSA NW08	ERC	-5.9	-8.1	-11.3	-18.4	-21.1	-17.7	-13.4	-10.3	-8.1	-6.4
PSA NW09	ERC	-1.5	-5.2	-11.1	-19.4	-21.2	-18.3	-16.2	-13.1	-9.9	-8.3
PSA NW10	ERC	-1.2	-3.1	-6.4	-11.9	-12.8	-11.3	-8.2	-4.2	-0.7	1.2
PSA NW11	ERC	-0.3	-7.6	-13.6	-19.4	-21.8	-20.5	-15.1	-10.2	-7.2	-4.4
PSA NW12	ERC	-2.4	-9	-13.8	-17.1	-19.2	-18.6	-17.6	-15.1	-12.1	-9.6