

# Vermont Fire Danger Report

Thursday, September 27, 2018

## Observations

Sta	WX	Tmp	RH	Dir	WS	TMx	TmMn	RHMx	RHMn	Dur	Amt
NUL	2	68	42	207	3	73	43	100	42	5	0.15
ESS	2	66	49	246	3	75	50	100	49	3	1.1
ELM	1	64	48	255	3	69	45	99	48	3	0.67
DAN	2	72	49	183	1	75	49	100	49	4	0.57
WOOD	3	62	69	37	2	69	46	100	50	3	0.61

## NFDR Index

Sta	WS	WDY	HRB	1H	10hr	100H	1000H	IC	SC	EC	BI	SL	R	KBDI
NUL	3	170	170	10.6	10.6	23	23	5	2	14	13	2	L	293
ESS	3	158	117	35	35	21	21	0	0	2	0	1	L	167
ELM	3	180	127	10.7	10.7	23	24	4	1	11	10	2	L	180
DAN	1	193	238	11.3	11.3	23	25	3	1	9	8	1	L	154
WOOD	2	200	238	15.2	15.2	24	29	1	1	1	2	1	L	9

Sta	Rain 9/26	2-day total
NUL	0.36	0.51
ESS	0.05	1.15
ELM	0.4	1.07
DAN	0.26	0.83
WOOD	0.55	1.16

Fire danger is **LOW** today after rain yesterday and last night. KBDI's were significantly reduced at Essex, Elmore and Danby bringing the soils at those sites back to normal levels. Woodford was already low and remains so. Nulhegan, however changed very little and is still at a critically high level. Ground fires are common where high KBDI's and drought are in place and are generally caused by improperly extinguishing campfires. (see graphs below and link to current U.S. Drought Monitor. Note: drought monitor was updated on Sept 25 before the rain.).

[U.S. Drought Monitor - http://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?Northeast](http://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?Northeast)

All other fire danger indicators remain below normal indicating the potential for surface fires is minimized when humidity is high or light scattered showers occur.

Fire danger is expected to remain **LOW** tomorrow with cool temps, higher Rh and light winds.

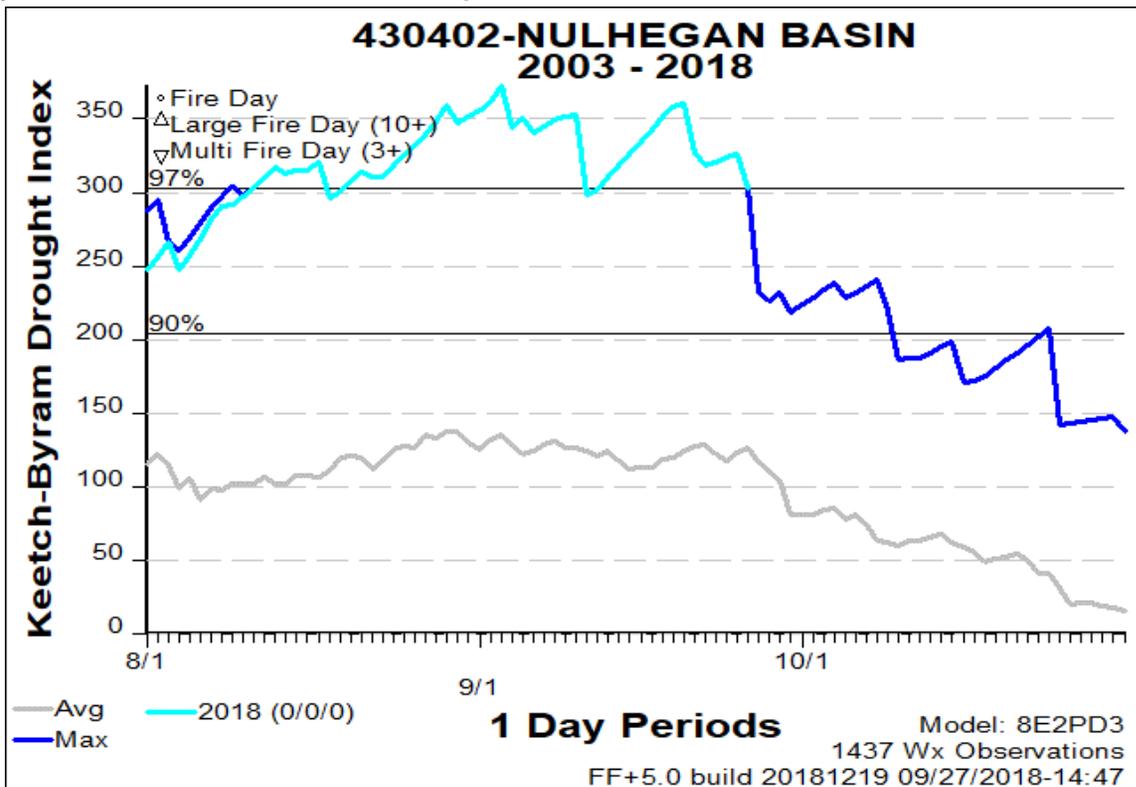


[Six Minutes for Safety: An interagency safety initiative that address high-risk situations that historically get firefighters in trouble.](#)

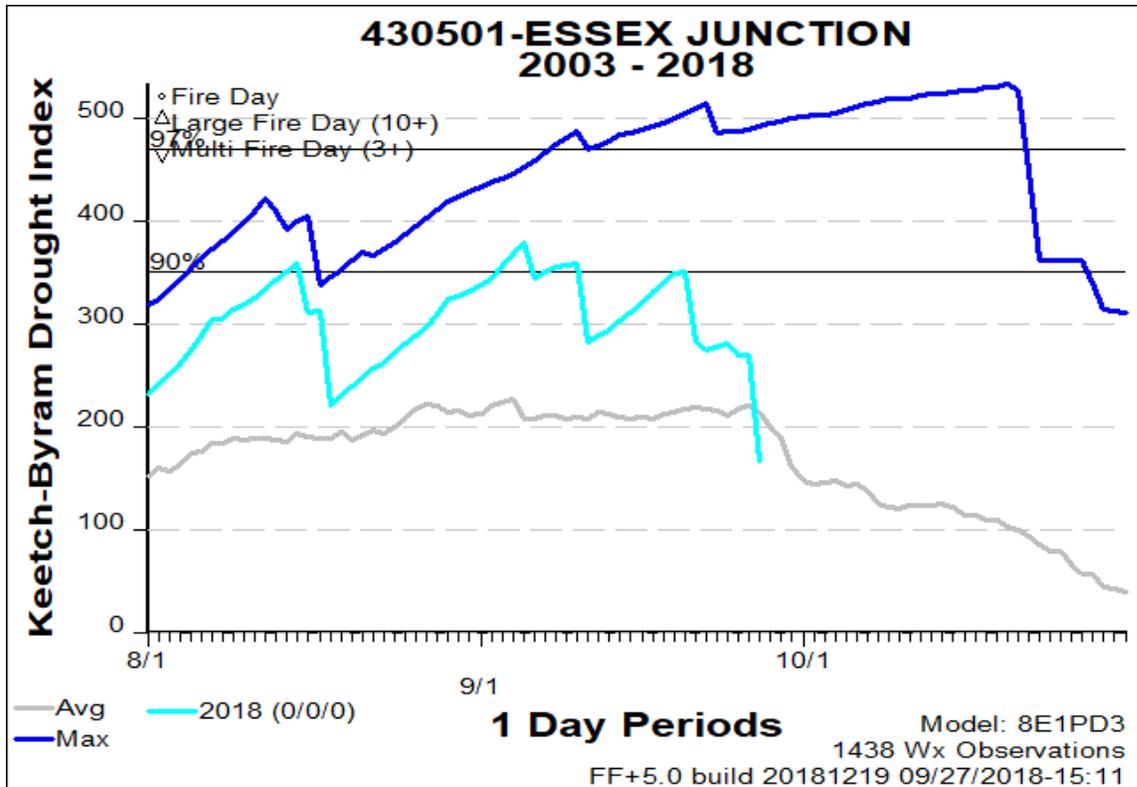
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[Column definitions for Vermont Fire Danger Report](#)

KBDI's at the Nulhegan RAWS continue at critical levels at the 97 percentile (only 3% of all observations have reached this level from 2003 to 2018). Ground fuels are not affected by high humidity and brief or light rain events. When KBDI's are this high, ground fires are more common. Improperly extinguished campfires are generally the cause. Note: 2018 values in turquoise.



KBDI's at the Essex Junction RAWS have dropped to normal levels after rain yesterday.



KBDI's at the Elmore RAWS have also dropped to near normal levels after yesterday's rain.

