

Afternoon Weather – Date: Tuesday, April 12, 2016

NFDRS ACTUALS FOR TODAY – Fuel Model E

	SIG	ERC	100 Hr FM	BI	Fire Danger Rating	SL
Clinch (FDRA 1)	VAVAF1	19	15	27	MODERATE	2
Central Zone & Eastern Divide (FDRA 2)	VAVAF2	24	12	34	MODERATE	2
NRA (FDRA 3)	VAVAF3	22	12	30	MODERATE	2
North Zone (FDRA 4)	VAVAF4	25	12	39	MODERATE	3

NORTH ZONE – Sterling NWS – Augusta & Shenandoah Counties

FIRE WEATHER PLANNING FORECAST FOR W AND CTL MD...E WV...N VA AND DC
NATIONAL WEATHER SERVICE BALTIMORE MD/WASHINGTON DC
206 PM EDT TUE APR 12 2016

.DISCUSSION...

A COLD FRONT IS MOVING THROUGH THE MID ATLANTIC STATES. HIGH PRESSURE RETURNS TO THE AREA LATE TODAY AND FOR THE SECOND HALF OF THE WEEK.

VAZ025-130900-
AUGUSTA-
INCLUDING THE CITIES OF...STAUNTON...WAYNESBORO...STUARTS DRAFT
206 PM EDT TUE APR 12 2016

	TONIGHT	WED	WED NIGHT	THU
CLOUD COVER	MCLEAR	CLEAR	MCLEAR	CLEAR
PRECIP TYPE	NONE	NONE	NONE	NONE
CHANCE PRECIP (%)	0	0	0	0
MX/MN TEMP (24H TREND)	31 (-21)	58 (-3)	34	61
MX/MN RH% (24H TREND)	71 (-2)	34 (-1)	79	35
AM WIND (MPH)		NE 6		LGT/VAR
PM WIND (MPH)	N 7	E 5	LGT/VAR	E 7
PRECIP AMOUNT	0.00	0.00	0.00	0.00
PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
MIXING HGT (FT-AGL)		5020		5690
TRANSPORT WND (MPH)		NE 3		E 8
VENT RATE (KT-FT)		15060		42820
LAL	1	1	1	1
HAINES INDEX	4	5	3	4

VAZ027-130900-
SHENANDOAH-
INCLUDING THE CITIES OF...STRASBURG...WOODSTOCK...MOUNT JACKSON...
NEW MARKET
206 PM EDT TUE APR 12 2016

	TONIGHT	WED	WED NIGHT	THU
CLOUD COVER	CLEAR	CLEAR	MCLEAR	MCLEAR
PRECIP TYPE	NONE	NONE	NONE	NONE
CHANCE PRECIP (%)	0	0	0	0
MX/MN TEMP (24H TREND)	32 (-18)	57 (-2)	33	60
MX/MN RH% (24H TREND)	73 (+1)	32 (-4)	81	35
AM WIND (MPH)		NE 5		LGT/VAR
PM WIND (MPH)	N 8	NE 5	LGT/VAR	E 6
PRECIP AMOUNT	0.00	0.00	0.00	0.00

PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
MIXING HGT (FT-AGL)		5060		5700
TRANSPORT WND (MPH)		NE 3		E 7
VENT RATE (KT-FT)		19840		39170
LAL	1	1	1	1
HAINES INDEX	5	5	4	5

CENTRAL ZONE – Blacksburg NWS – Central and East Forecast

NATIONAL WEATHER SERVICE Blacksburg VA
319 PM EDT Tue Apr 12 2016

.DISCUSSION...

DRY HIGH PRESSURE WILL BUILD OVER THE REGION AND BRING FAIR WEATHER THROUGH THE END OF THE WEEK WITH NO WETTING RAIN EXPECTED. THIS WILL CONTINUE TO DRY FUELS OUT AND DAILY MINIMUM RELATIVE HUMIDITY VALUES WILL BE IN THE LOW TO MID 30 PERCENT RANGE. THIS COMBINATION OF FACTORS WILL GRADUALLY INCREASE THE LIKELIHOOD OF CONDITIONS FAVORING ENHANCED FIRE GROWTH AND SPREAD FOR LATE IN THE WEEK. VENTILATION AND DISPERSION WILL GENERALLY BE FAIR TO GOOD WITH A TYPICAL DIURNAL TREND.

VAZ018>020-WVZ044-130900-
JEFFERSON NATIONAL FOREST CENTRAL ZONE-
INCLUDING...WARM SPRINGS...JAMES RIVER...NEW CASTLE
319 PM EDT TUE APR 12 2016

	TONIGHT	WED	WED NIGHT	THU
CLOUD COVER	CLEAR	MCLEAR	MCLEAR	MCLEAR
PRECIP TYPE	NONE	NONE	NONE	NONE
CHANCE PRECIP (%)	0	0	0	0
MIN/MAX TEMP	30	60	33	62
MAX/MIN RH %	78	30	81	31
WND20FT2MIN/EARLY (MPH) N	5	LGT/VAR	LGT/VAR	LGT/VAR
WND20FT2MIN/LATE (MPH)	LGT/VAR	LGT/VAR	LGT/VAR	LGT/VAR
PRECIP AMOUNT	0.00	0.00	0.00	0.00
PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
MIXING HGT (FT-AGL)		4210		4530
TRANSPORT WND (MPH)		SE 3		E 9
VENT RATE (MPH-FT)		12630		40770
DISPERSION (EVENING)	POOR		VERY POOR	
LAL	1	1	1	1
HAINES INDEX	3	2	3	3
ADI EARLY	50 GEN GOOD	17 GEN POOR	25 FAIR	22 FAIR
ADI LATE	4 VERY POOR	22 FAIR	3 VERY POOR	44 GEN GOOD
MAX LVORI EARLY	2	3	3	4
MAX LVORI LATE	3	2	3	2

VAZ023-024-035-130900-
JEFFERSON NATIONAL FOREST EAST ZONE-
INCLUDING...DEERFIELD...GLENWOOD...PEDLAR
319 PM EDT TUE APR 12 2016

	TONIGHT	WED	WED NIGHT	THU
CLOUD COVER	CLEAR	MCLEAR	MCLEAR	MCLEAR
PRECIP TYPE	NONE	NONE	NONE	NONE
CHANCE PRECIP (%)	0	0	0	0
MIN/MAX TEMP	32	59	34	61
MAX/MIN RH %	71	32	77	33
WND20FT2MIN/EARLY (MPH)	N 5	NE 5	LGT/VAR	LGT/VAR
WND20FT2MIN/LATE (MPH)	LGT/VAR	LGT/VAR	LGT/VAR	E 5
PRECIP AMOUNT	0.00	0.00	0.00	0.00
PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
MIXING HGT (FT-AGL)		4140		4510
TRANSPORT WND (MPH)		E 5		E 10
VENT RATE (MPH-FT)		20700		45100
DISPERSION (EVENING)	POOR		POOR	
LAL	1	1	1	1
HAINES INDEX	2	3	3	3
ADI EARLY	40 FAIR	25 FAIR	24 FAIR	24 FAIR
ADI LATE	7 POOR	21 FAIR	3 VERY POOR	43 GEN GOOD
MAX LVORI EARLY	2	3	3	3
MAX LVORI LATE	3	2	3	2

EASTERN DIVIDE ZONE – Blacksburg NWS –Central and South Forecast

NATIONAL WEATHER SERVICE Blacksburg VA
319 PM EDT Tue Apr 12 2016

.DISCUSSION...

DRY HIGH PRESSURE WILL BUILD OVER THE REGION AND BRING FAIR WEATHER THROUGH THE END OF THE WEEK WITH NO WETTING RAIN EXPECTED. THIS WILL CONTINUE TO DRY FUELS OUT AND DAILY MINIMUM RELATIVE HUMIDITY VALUES WILL BE IN THE LOW TO MID 30 PERCENT RANGE. THIS COMBINATION OF FACTORS WILL GRADUALLY INCREASE THE LIKELIHOOD OF CONDITIONS FAVORING ENHANCED FIRE GROWTH AND SPREAD FOR LATE IN THE WEEK. VENTILATION AND DISPERSION WILL GENERALLY BE FAIR TO GOOD WITH A TYPICAL DIURNAL TREND.

VAZ018>020-WVZ044-130900-
JEFFERSON NATIONAL FOREST CENTRAL ZONE-
INCLUDING...WARM SPRINGS...JAMES RIVER...NEW CASTLE
319 PM EDT TUE APR 12 2016

	TONIGHT	WED	WED NIGHT	THU
CLOUD COVER	CLEAR	MCLEAR	MCLEAR	MCLEAR
PRECIP TYPE	NONE	NONE	NONE	NONE
CHANCE PRECIP (%)	0	0	0	0
MIN/MAX TEMP	30	60	33	62
MAX/MIN RH %	78	30	81	31
WND20FT2MIN/EARLY (MPH)	N 5	LGT/VAR	LGT/VAR	LGT/VAR
WND20FT2MIN/LATE (MPH)	LGT/VAR	LGT/VAR	LGT/VAR	LGT/VAR
PRECIP AMOUNT	0.00	0.00	0.00	0.00
PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
MIXING HGT (FT-AGL)		4210		4530

TRANSPORT WND (MPH)		SE 3		E 9
VENT RATE (MPH-FT)		12630		40770
DISPERSION (EVENING)	POOR		VERY POOR	
LAL	1	1	1	1
HAINES INDEX	3	2	3	3
ADI EARLY	50 GEN GOOD	17 GEN POOR	25 FAIR	22 FAIR
ADI LATE	4 VERY POOR	22 FAIR	3 VERY POOR	44 GEN GOOD
MAX LVORI EARLY	2	3	3	4
MAX LVORI LATE	3	2	3	2

VAZ007-009>015-130900-
JEFFERSON NATIONAL FOREST SOUTH ZONE-
INCLUDING...BLACKSBURG...WYTHE...MT ROGERS
319 PM EDT TUE APR 12 2016

	TONIGHT	WED	WED NIGHT	THU
CLOUD COVER	CLEAR	MCLEAR	MCLEAR	MCLEAR
PRECIP TYPE	NONE	NONE	NONE	NONE
CHANCE PRECIP (%)	0	0	0	0
MIN/MAX TEMP	33	60	35	61
MAX/MIN RH %	84	34	83	31
WND20FT2MIN/EARLY (MPH)	LGT/VAR	LGT/VAR	LGT/VAR	LGT/VAR
WND20FT2MIN/LATE (MPH)	LGT/VAR	LGT/VAR	LGT/VAR	E 5
PRECIP AMOUNT	0.00	0.00	0.00	0.00
PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
MIXING HGT (FT-AGL)		4410		4630
TRANSPORT WND (MPH)		S 5		E 10
VENT RATE (MPH-FT)		22050		46300
DISPERSION (EVENING)	POOR		POOR	
LAL	1	1	1	1
HAINES INDEX	3	3	2	3
ADI EARLY	46 GEN GOOD	17 GEN POOR	28 FAIR	20 GEN POOR
ADI LATE	4 VERY POOR	27 FAIR	4 VERY POOR	46 GEN GOOD
MAX LVORI EARLY	3	3	3	4
MAX LVORI LATE	3	2	3	2

SOUTH ZONE – Morristown NWS

FIRE WEATHER PLANNING FORECAST FOR EAST TENNESSEE...SOUTHWEST
VIRGINIA...AND EXTREME SOUTHWEST NORTH CAROLINA
NATIONAL WEATHER SERVICE MORRISTOWN TN
308 PM EDT TUE APR 12 2016

.DISCUSSION...
...LOW AFTERNOON RELATIVE HUMIDITIES EXPECTED WEDNESDAY AND THURSDAY...

CLOUDS CLEAR OUT TONIGHT AS HIGH PRESSURE BEGINS TO
BUILD IN. WITH A CLEAR SKY AND LIGHT WINDS...PATCHY FROST WILL BE
POSSIBLE ACROSS NORTHEAST TENNESSEE AND SOUTHWEST VIRGINIA
OVERNIGHT. LOW PRESSURE TO THE SOUTHWEST WILL BRING BACK SOME
SCATTERED CLOUDS FOR WEDNESDAY AND THURSDAY WITH HIGHS NEAR NORMAL
FOR THIS TIME OF YEAR.

VAZ001-002-005-006-008-132015-
JEFFERSON NATIONAL FOREST/VIRGINIA DISTRICT 6-
308 PM EDT TUE APR 12 2016

TONIGHT	WED	WED NIGHT	THU
---------	-----	-----------	-----

CLOUD COVER	CLEAR	MCLEAR	MCLEAR	PCLDY
TEMP (24H TREND)	32-37 (-13)	63-68 (+7)	39-44	65-70
RH % (24H TREND)	82-87 (-8)	23-28 (-14)	78-83	22-27
20FT WIND-AM (MPH)		LGT/VAR		LGT/VAR
20FT WIND-PM (MPH)	NE 5	LGT/VAR	LGT/VAR	LGT/VAR
PRECIP TYPE	NONE	NONE	NONE	NONE
CHANCE PRECIP (%)	0	0	0	0
PRECIP DURATION				
PRECIP BEGIN				
PRECIP END				
PRECIP AMOUNT	0.00	0.00	0.00	0.00
LAL	1	1	1	1
LASI		5		4
MIXING HGT (FT-MSL)		5900		6000
TRANSPORT WND (MPH)		SE 3		E 9
DISPERSION		10 POOR		
33FT WIND-AM (MPH)		LGT/VAR		LGT/VAR
33FT WIND-PM (MPH)	NE 6	LGT/VAR	LGT/VAR	LGT/VAR

NFDRS PREDICTEDS FOR TOMORROW – Fuel Model E

	SIG	ERC	100 Hr FM	BI	Fire Danger Rating	SL
Clinch (FDRA 1)	VAVAF1	22	13	24	MODERATE	2
Central Zone & Eastern Divide (FDRA 2)	VAVAF2	23	11	25	MODERATE	2
NRA (FDRA 3)	VAVAF3	23	11	25	MODERATE	2
North Zone (FDRA 4)	VAVAF4	23	12	28	MODERATE	2