



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: August 21, 2014 @1030

Local	GACC	Nat'l
2	1	3

Today's Fire Danger
High

INCIDENT SUMMARY for Yesterday

COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

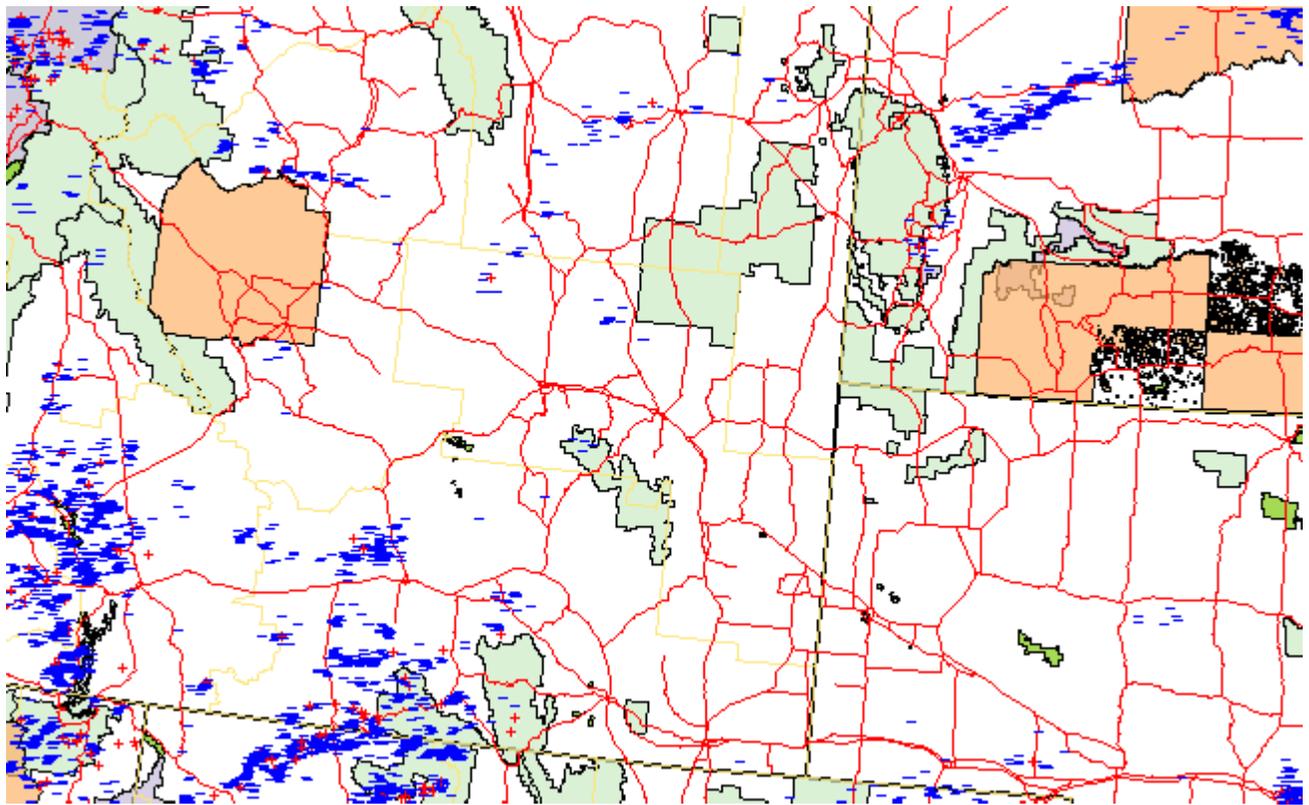
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion:

Quiet day in the zone.

Lightning Map



INDICES (forecasted/actual)

FDRA	Predicted Today		
	Indices	Forecasted for	Actual for
Echeta	BI	61	107
Rochelle Hills	ERC	16	16
Rochelle Hills	BI	66	77
Poker Creek	ERC	53	60
Casper Mtn	ERC	48	60
Fales Rock	BI	72	102
Sandstone	ERC	N/A	14
Esterbrook	ERC	58	54
Sawmill Park	ERC	35	33

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Rogge
	FS - Douglas	Bones
	BLM	Short
	State	Fallbeck
	FS – MBF NF	Miller
	Dispatch	Rob

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Home	Available
	2HX (Rawlins) BLM		comited

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	612	1957	2027
Casper	618	1958	2028
Glenrock	616	1956	2026
Laramie	618	1952	2022

Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County
SHX	7/28		Open burning restrictions
JOX	7/17		Open burning restrictions
BLM	8/1		Open burning restrictions

Weather Discussion

WYZ280 -

NATRONA COUNTY/CASPER BLM

AN UPPER LEVEL LOW PRESSURE TROUGH OVER THE NORTHERN ROCKIES EXTENDING SOUTH INTO THE NORTHERN GREAT BASIN WILL PARTIALLY MOVE EAST ACROSS MONTANA AND WYOMING WITH REFORMATION OCCURRING TO THE WEST THROUGH TODAY. SUFFICIENT MOISTURE AND INSTABILITY WILL ACCOMPANY THE TROUGH AS IT MOVES EAST FOR SCATTERED SHOWERS WITH ISOLATED THUNDERSTORMS WITH STRONG WIND GUSTS. TEMPERATURES WILL CONTINUE A GRADUAL COOLING TREND WITH INCREASING RELATIVE HUMIDITY. THERE WILL BE SUFFICIENT MOISTURE AVAILABLE TO KEEP MIXING HEIGHTS SUPPRESSED. OVERALL COOLING WITH THE TROUGH IN PLACE THROUGH THE WEEKEND SHOULD BRING SOME SNOW ABOVE 8000 FEET SATURDAY NIGHT IN THE BIG HORN MOUNTAINS.

335 AM MDT THU AUG 21 2014

.TODAY...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200. CHANCE OF PRECIPITATION 20 PERCENT.

MAX TEMPERATURE.....79-84.

24 HR TREND.....UNCHANGED.

MIN HUMIDITY.....19-25 PERCENT.

24 HR TREND.....UNCHANGED.

20-FOOT WINDS.....SOUTHWEST WINDS AROUND 15 MPH WITH GUSTS TO AROUND 25 MPH.

RIDGE TOP WINDS.....SOUTHWEST 15 TO 20 MPH.

LAL.....1 UNTIL 1200...THEN 3.

CHC OF WETTING RAIN.LESS THAN 5 PERCENT.

TRANSPORT WINDS.....SOUTHWEST 15 TO 20 MPH.

MIXING HEIGHT.....3500-6000 FT AGL UNTIL 1200...THEN 8500-11000 FT AGL.

SMOKE DISPERSAL.....FAIR TO GOOD (56000-76000 KNOT-FT) UNTIL 1200...THEN VERY GOOD TO EXCELLENT (132000-152000 KNOT-FT).

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY.

MIN TEMPERATURE.....54-59.

24 HR TREND.....1 DEGREE WARMER.

MAX HUMIDITY.....80-86 PERCENT.

24 HR TREND.....15 PERCENT WETTER.

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....WEST WINDS AROUND 20 MPH WITH GUSTS TO AROUND 30 MPH UNTIL 2100...THEN NORTHWEST AROUND 10 MPH WITH GUSTS TO AROUND 15 MPH UNTIL 2400...THEN NORTHEAST WITH GUSTS TO AROUND 15 MPH.

RIDGE TOP WINDS.....WEST AROUND 20 MPH UNTIL 2100...THEN NORTHEAST 10 TO 15 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....WEST AROUND 20 MPH UNTIL 2400...THEN NORTHEAST AROUND 10 MPH.

MIXING HEIGHT.....5000-7500 FT AGL UNTIL 2400...THEN 1000-1500 FT AGL.

SMOKE DISPERSAL.....GOOD TO VERY GOOD (88000-108000 KNOT-FT) UNTIL 2400...THEN POOR (4000-12000 KNOT-FT).

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND

DISCUSSION...ISOLATED TO SCATTERED SHOWERS AND THUNDERSTORMS WILL OCCUR WEST OF INTERSTATE 25 TODAY. A COLD FRONT WILL MOVE WEST TO EAST ACROSS THE DISTRICT TONIGHT. FRIDAY WILL BE WETTER WITH AT LEAST SCATTERED LATE DAY SHOWERS AND THUNDERSTORMS IN THE MOIST UPSLOPE FLOW. UNSETTLED WEATHER WILL CONTINUE INTO SATURDAY AND SUNDAY AS WEATHER DISTURBANCES ROTATE ACROSS THE DISTRICT WITH ADEQUATE LOW AND MID LEVEL MOISTURE.

440 AM MDT THU AUG 21 2014

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 0900...THEN PARTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200.

MAX TEMPERATURE.....84-89.

24 HR TREND.....1 DEGREE WARMER.

MIN HUMIDITY.....18-24 PERCENT.

24 HR TREND.....2 PERCENT DRIER.

20-FOOT WINDS.....WEST UP TO 15 MPH INCREASING TO 10 TO 20 MPH IN
THE AFTERNOON. GUSTS UP TO 35 MPH.

LAL.....1 UNTIL 1200...THEN 2.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....WEST 10 TO 15 MPH.

MIXING HEIGHT.....6900-7600 FT AGL INCREASING TO 9900-10900 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....GOOD (63800 KNOT-FT) INCREASING TO EXCELLENT
(154600 KNOT-FT) IN THE AFTERNOON.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 2100...THEN PARTLY CLOUDY.
ISOLATED THUNDERSTORMS UNTIL 2400. ISOLATED
SHOWERS.

MIN TEMPERATURE.....55-60.

24 HR TREND.....1 DEGREE COOLER.

MAX HUMIDITY.....79-85 PERCENT.

24 HR TREND.....11 PERCENT WETTER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....NORTHWEST UP TO 15 MPH INCREASING TO 10 TO 20
MPH AFTER MIDNIGHT. GUSTS UP TO 35 MPH.

LAL.....2 UNTIL 2400...THEN 1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....NORTHWEST AROUND 15 MPH.

MIXING HEIGHT.....5500-6500 FT AGL DECREASING TO 500-1800 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL.....GOOD (71100 KNOT-FT) DECREASING TO POOR (16100
KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

DISCUSSION...ISOLATED TO SCATTERED SHOWERS AND THUNDERSTORMS WILL OCCUR WEST OF INTERSTATE 25 TODAY. A COLD FRONT WILL MOVE WEST TO EAST ACROSS THE DISTRICT TONIGHT. FRIDAY WILL BE WETTER WITH AT LEAST SCATTERED LATE DAY SHOWERS AND THUNDERSTORMS IN THE MOIST UPSLOPE FLOW. UNSETTLED WEATHER WILL CONTINUE INTO SATURDAY AND SUNDAY AS WEATHER DISTURBANCES ROTATE ACROSS THE DISTRICT WITH ADEQUATE LOW AND MID LEVEL MOISTURE.

440 AM MDT THU AUG 21 2014

.TODAY...

SKY/WEATHER.....PARTLY CLOUDY UNTIL 1200...THEN MOSTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200.

MAX TEMPERATURE.....66-72.

24 HR TREND.....6 DEGREES WARMER.

MIN HUMIDITY.....28-34 PERCENT.

24 HR TREND.....13 PERCENT DRIER.

20-FOOT WINDS.....SOUTHWEST 10 TO 20 MPH WITH GUSTS TO AROUND 35 MPH.

LAL.....1 UNTIL 1200...THEN 3.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHWEST 20 TO 25 MPH.

MIXING HEIGHT.....5800-6600 FT AGL INCREASING TO 7900-9200 FT AGL
IN THE AFTERNOON.

SMOKE DISPERSAL.....VERY GOOD (103600 KNOT-FT) INCREASING TO
EXCELLENT (168900 KNOT-FT) IN THE AFTERNOON.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 2100.

MIN TEMPERATURE.....42-48.

24 HR TREND.....2 DEGREES COOLER.

MAX HUMIDITY.....78-84 PERCENT.

24 HR TREND.....7 PERCENT WETTER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....SOUTHWEST 10 TO 20 MPH WITH GUSTS TO AROUND 35
MPH BECOMING SOUTH UP TO 10 MPH AFTER MIDNIGHT.

LAL.....2 UNTIL 2400...THEN 1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHWEST AROUND 20 MPH BECOMING SOUTH AROUND
10 MPH AFTER MIDNIGHT.

MIXING HEIGHT.....4500-5600 FT AGL DECREASING TO 500-2500 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL.....GOOD (81200 KNOT-FT) DECREASING TO POOR (14100
KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.