



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: 6/19/14 @ 1010

Local	GACC	Nat'l
1	1	2

Today's Fire Danger
Low / Moderate

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:

No significant activity to discuss for the zone today.

Lightning Map:

Technical difficulties. Lightning Map not available today.

INDICES (forecasted/actual)

FDRA	Predicted Today		
	Indices	Forecasted for 6/19	Actual for 6/18
Echeta	BI	57	35
Rochelle Hills	BI	83	107
Rochelle Hills	ERC	12	15
Poker Creek	ERC	40	51
Casper Mtn	ERC	49	48
Fales Rock	BI	76	113
Esterbrook	ERC	43	43
Sawmill Park	ERC	49	47
Sandstone	ERC	n/a	49

Duty Officers for Today:

Duty Officers	FS - Laramie	Reynolds
	FS - Saratoga	Hood
	FS - Douglas	Rogge
	BLM	Short
	State	Fallbeck
	FS – MBF NF	Miller
	Dispatch	Neibauer

		Location	Status
Local Aviation Resources	2TJ (Duncan) State	Duncan	A
	2HX (Rawlins) BLM	Rawlins	A
	8MC (Ft. Wash) BIA		

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

THE AREA OF LOW PRESSURE CONTINUES TO MOVE NORTH TODAY...THOUGH ITS LINGERING INFLUENCE WILL LEAVE SOME GUSTY WEST WIND ACROSS ZONE 289. AN AREA OF HIGH PRESSURE WILL MOVE OVER THE AREA THIS EVENING...KEEPING DRY CONDITIONS...WARMING TEMPERATURES...AND KEEPING WIND GENERALLY REMAIN BELOW 15 KTS. THE RIDGE OF HIGH PRESSURE WILL MOVE EAST OF THE AREA BY SATURDAY AFTERNOON. THIS WILL PERMIT SOUTHWEST FLOW TO RETURN TO THE AREA...IN ADDITION TO AFTERNOON SHOWERS AND THUNDERSTORMS.

...THUNDERSTORMS IMPLY STRONG GUSTY AND ERRATIC WINDS...
...HAINES INDEX IS HIGH LEVEL HAINES BOTH DAY AND NIGHT...

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....69-74.
24 HR TREND.....9 DEGREES WARMER.
MIN HUMIDITY.....19 PERCENT.
24 HR TREND.....3 PERCENT DRIER.
20-FOOT WINDS.....WEST WINDS 15 TO 20 MPH WITH GUSTS TO AROUND 25 MPH.
RIDGE TOP WINDS.....WEST AROUND 25 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST 20 TO 25 MPH.
MIXING HEIGHT.....1500-4000 FT AGL UNTIL 1200...THEN 6000-8500 FT AGL.
SMOKE DISPERSAL.....FAIR TO GOOD (50000-70000 KNOT-FT) UNTIL 1200...THEN VERY GOOD TO EXCELLENT (140000-160000 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....44-49.
24 HR TREND.....3 DEGREES WARMER.
MAX HUMIDITY.....69-75 PERCENT.
24 HR TREND.....1 PERCENT DRIER.
HUMIDITY RECOVERY...GOOD.
20-FOOT WINDS.....WEST WINDS 10 TO 15 MPH AND GUSTY.
RIDGE TOP WINDS.....WEST 15 TO 20 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST AROUND 25 MPH UNTIL 2100...THEN AROUND 15 MPH.
MIXING HEIGHT.....6000-8500 FT AGL UNTIL 2400...THEN 1500-4000 FT AGL.
SMOKE DISPERSAL.....VERY GOOD (120000-140000 KNOT-FT) UNTIL 2400...THEN POOR TO FAIR (28000-48000 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

FIRE WEATHER CONCERNS WILL BE LOW FOR THE NEXT SEVERAL DAYS INCLUDING THIS WEEKEND. HUMIDITIES WILL TREND LOWER TODAY AND FRIDAY AS DRIER AIR AND WARMER TEMPERATURES ARE EXPECTED OVER THE REGION. THIS TREND WILL BE SHORT LIVED HOWEVER...AS SUBTROPICAL MOISTURE FROM THE GULF OF MEXICO MOVES NORTHWARD ALONG THE FOOT HILLS OF THE ROCKY MOUNTAINS BY THIS WEEKEND. SCATTERED TO NUMEROUS THUNDERSTORMS ARE EXPECTED BY SUNDAY AND MAY LINGER INTO THE MIDDLE OF NEXT WEEK.

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY.

MAX TEMPERATURE.....73-78.

24 HR TREND.....4 DEGREES WARMER.

MIN HUMIDITY.....20 PERCENT.

24 HR TREND.....1 PERCENT DRIER.

20-FOOT WINDS.....WEST UP TO 15 MPH INCREASING TO 10 TO 20 MPH IN THE AFTERNOON. GUSTS UP TO 30 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....WEST 15 TO 20 MPH.

MIXING HEIGHT.....4500-5000 FT AGL INCREASING TO 9700-10500 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....GOOD (61700 KNOT-FT) INCREASING TO EXCELLENT (180800 KNOT-FT) IN THE AFTERNOON.

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

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLEAR.

MIN TEMPERATURE.....47-52.

24 HR TREND.....4 DEGREES WARMER.

MAX HUMIDITY.....66-72 PERCENT.

24 HR TREND.....8 PERCENT DRIER.

HUMIDITY RECOVERY...FAIR.

20-FOOT WINDS.....SOUTHWEST 10 TO 15 MPH AND GUSTY DECREASING TO UP TO 10 MPH AFTER MIDNIGHT.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHWEST AROUND 15 MPH DECREASING TO AROUND 5 MPH AFTER MIDNIGHT.

MIXING HEIGHT.....3100-3600 FT AGL DECREASING TO 200 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL.....POOR TO FAIR (900-41500 KNOT-FT).

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

Weather Discussion

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF

FIRE WEATHER CONCERNS WILL BE LOW FOR THE NEXT SEVERAL DAYS INCLUDING THIS WEEKEND. HUMIDITIES WILL TREND LOWER TODAY AND FRIDAY AS DRIER AIR AND WARMER TEMPERATURES ARE EXPECTED OVER THE REGION. THIS TREND WILL BE SHORT LIVED HOWEVER...AS SUBTROPICAL MOISTURE FROM THE GULF OF MEXICO MOVES NORTHWARD ALONG THE FOOT HILLS OF THE ROCKY MOUNTAINS BY THIS WEEKEND. SCATTERED TO NUMEROUS THUNDERSTORMS ARE EXPECTED BY SUNDAY AND MAY LINGER INTO THE MIDDLE OF NEXT WEEK.

.TODAY...

SKY/WEATHER.....SUNNY.

MAX TEMPERATURE.....58-64.

24 HR TREND.....3 DEGREES WARMER.

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

24 HR TREND.....15 PERCENT DRIER.

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

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....WEST 20 TO 25 MPH.

MIXING HEIGHT.....4600-5300 FT AGL INCREASING TO 7300-8300 FT AGL
IN THE AFTERNOON.

SMOKE DISPERSAL.....GOOD (83400 KNOT-FT) INCREASING TO EXCELLENT
(170400 KNOT-FT) IN THE AFTERNOON.

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

.TONIGHT...

SKY/WEATHER.....CLEAR.

MIN TEMPERATURE.....38-43.

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

MAX HUMIDITY.....52-58 PERCENT.

24 HR TREND.....15 PERCENT DRIER.

HUMIDITY RECOVERY...FAIR.

20-FOOT WINDS.....SOUTHWEST 10 TO 20 MPH. GUSTS UP TO 35 MPH
DECREASING TO 20 MPH AFTER MIDNIGHT.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

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

MIXING HEIGHT.....2300-2800 FT AGL DECREASING TO 100-600 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL.....POOR TO FAIR (4200-44200 KNOT-FT).

HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.