



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: 6/13/14 @ 0815

Local	GACC	Nat'l
1	1	2

Today's Fire Danger
Moderate

INCIDENT SUMMARY for Yesterday

COUNTY AND STATE FIRES						
Unit	Inc Name	Size	Cause	Status	Location	Remarks

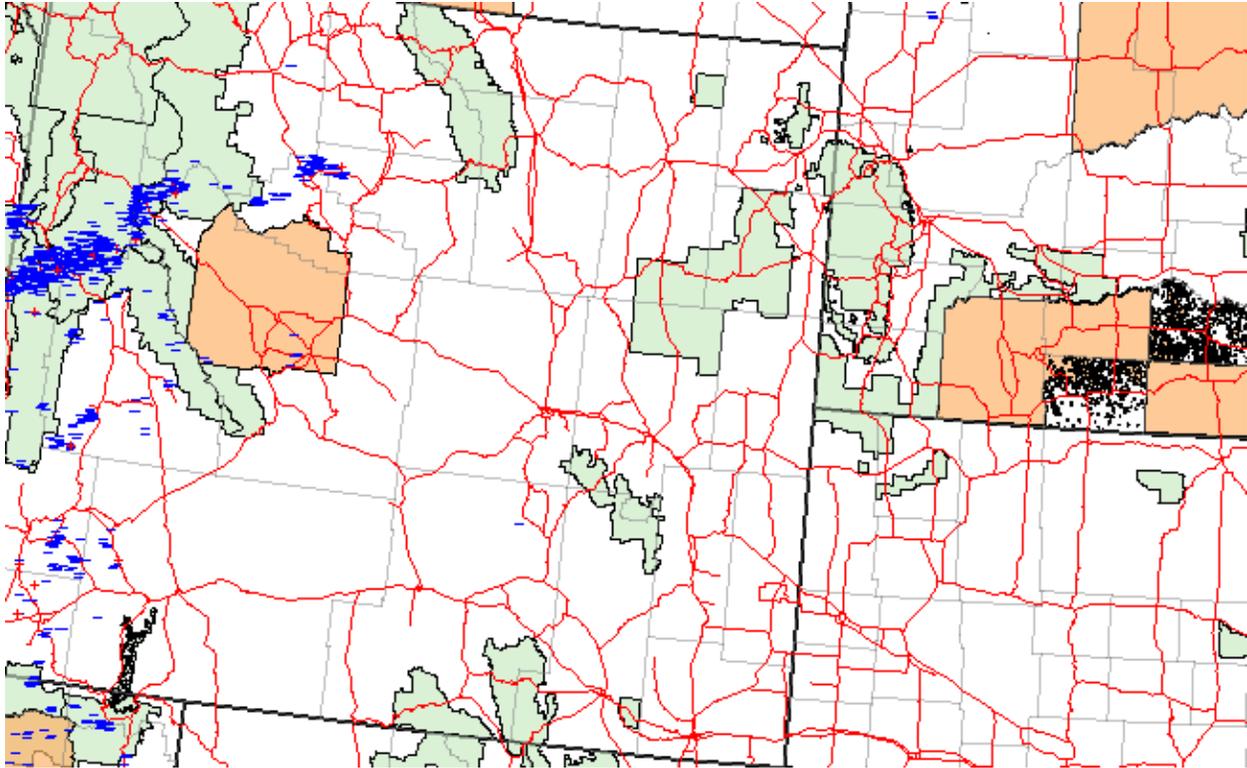
MED BOW NATIONAL FOREST						
Unit	Inc Name	Size (Acres)	Cause	Status	Location	Remarks

WHPD BLM						
Unit	Inc Name	Size	Cause	Status	Location	Remarks

Area Discussion:

H-2TJ was released from Cody Dispatch and returned to Duncan Helibase. A quiet day across the zone yesterday.

Lightning Map:



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for 6/13	Actual for 6/12
Echeta	BI	-	67
Rochelle Hills	BI	-	52
Rochelle Hills	ERC	-	8
Poker Creek	ERC	-	38
Casper Mtn	ERC	-	43
Fales Rock	BI	-	40
Esterbrook	ERC	33	27
Sawmill Park	ERC	44	42
Sandstone	ERC	n/a	57

Weather Discussion

WYZ280

NATRONA COUNTY/CASPER BLM-
335 AM MDT FRI JUN 13 2014

TODAY WILL BE A WINDY AND WARM DAY AHEAD OF AN ADVANCING COLD FRONT. LATE DAY AND EVENING THUNDERSTORMS...SOME WITH HAIL OR STRONG WINDS WILL BE POSSIBLE. THE BEST CHANCE OF THESE WILL BE ACROSS ZONES 281 WHERE LARGE HAIL WILL BE POSSIBLE. EXPECT MUCH COOLER WEATHER FOR SATURDAY AND SUNDAY.

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

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS
MAY PRODUCE GUSTY WINDS AND SMALL HAIL AFTER
1200. CHANCE OF PRECIPITATION 20 PERCENT.

MAX TEMPERATURE.....81-86.

24 HR TREND.....8 DEGREES WARMER.

MIN HUMIDITY.....13-19 PERCENT.

24 HR TREND.....3 PERCENT DRIER.

20-FOOT WINDS.....BREEZY. SOUTHWEST WINDS 20 TO 25 MPH. GUSTS UP
TO 35 MPH UNTIL 1500...THEN 40 MPH.

RIDGE TOP WINDS.....SOUTHWEST 20 TO 25 MPH.

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

CHC OF WETTING RAIN.ZERO PERCENT.

HAINES INDEX.....6 OR HIGH POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLOUDY. ISOLATED THUNDERSTORMS UNTIL
2400. ISOLATED RAIN SHOWERS. ISOLATED
THUNDERSTORMS AFTER 2400. SOME THUNDERSTORMS
MAY PRODUCE GUSTY WINDS AND SMALL HAIL UNTIL
2400. CHANCE OF PRECIPITATION 20 PERCENT.

MIN TEMPERATURE.....46-51.

24 HR TREND.....4 DEGREES COOLER.

MAX HUMIDITY.....81-87 PERCENT.

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

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....BREEZY. WEST WINDS AROUND 25 MPH WITH GUSTS TO
AROUND 35 MPH UNTIL 2100...THEN NORTH AROUND 15
MPH WITH GUSTS TO AROUND 25 MPH.

RIDGE TOP WINDS.....WEST AROUND 20 MPH UNTIL 2100...THEN NORTH.

LAL.....3.

CHC OF WETTING RAIN.5 PERCENT.

HAINES INDEX.....6 OR HIGH POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

Weather Discussion

WYZ301

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL
GRASSLAND-
507 AM MDT FRI JUN 13 2014

.DISCUSSION...MOSTLY DRY AND WARM TODAY WITH SOUTHWEST FLOW ALOFT
AND SURFACE LOW DEVELOPING OVER FAR EASTERN WYOMING. PACIFIC COLD
FRONT SWEEPS ACROSS THE COUNTIES TONIGHT WITH COOLER TEMPERATURES
AND A CHANCE OF SHOWERS AND THUNDERSTORMS ON SATURDAY.

.TODAY...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS UNTIL 0900.
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200
UNTIL 1500...THEN SCATTERED SHOWERS AND
ISOLATED THUNDERSTORMS. SOME THUNDERSTORMS MAY
PRODUCE DAMAGING WINDS AND LARGE HAIL AFTER
1500.

MAX TEMPERATURE.....82-87.

24 HR TREND.....12 DEGREES WARMER.

MIN HUMIDITY.....14-20 PERCENT.

24 HR TREND.....18 PERCENT DRIER.

20-FOOT WINDS.....WINDY. SOUTH UP TO 20 MPH WITH GUSTS TO AROUND
40 MPH INCREASING TO SOUTHWEST 10 TO 30 MPH
WITH GUSTS TO AROUND 50 MPH IN THE AFTERNOON.

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

CHC OF WETTING RAIN.5 PERCENT.

TRANSPORT WINDS.....SOUTH AROUND 15 MPH INCREASING TO SOUTHWEST
AROUND 25 MPH IN THE AFTERNOON.

MIXING HEIGHT.....4300-6300 FT AGL INCREASING TO 6400-8400 FT AGL
IN THE AFTERNOON.

SMOKE DISPERSAL.....GOOD (61500 KNOT-FT) INCREASING TO EXCELLENT
(157400 KNOT-FT) IN THE AFTERNOON.

HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. SCATTERED SHOWERS AND
THUNDERSTORMS UNTIL 2400...THEN ISOLATED
SHOWERS. SOME THUNDERSTORMS MAY PRODUCE
DAMAGING WINDS AND LARGE HAIL UNTIL 2100.

MIN TEMPERATURE.....49-54.

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

MAX HUMIDITY.....87-93 PERCENT.

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

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....WINDY. WEST UP TO 30 MPH WITH GUSTS TO AROUND
50 MPH SHIFTING TO THE NORTHWEST 10 TO 20 MPH
WITH GUSTS TO AROUND 35 MPH AFTER MIDNIGHT.

LAL.....3 UNTIL 2400...THEN 1.

CHC OF WETTING RAIN.10 PERCENT.

TRANSPORT WINDS.....NORTHWEST 15 TO 20 MPH.

MIXING HEIGHT.....3300-5300 FT AGL DECREASING TO 800-1800 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL.....GOOD (73500 KNOT-FT) DECREASING TO POOR (17100
KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307

SNOWY RANGE/MEDICINE BOW NF-
507 AM MDT FRI JUN 13 2014

.DISCUSSION...MOSTLY DRY AND WARM TODAY WITH SOUTHWEST FLOW ALOFT AND SURFACE LOW DEVELOPING OVER FAR EASTERN WYOMING. PACIFIC COLD FRONT SWEEPS ACROSS THE COUNTIES TONIGHT WITH COOLER TEMPERATURES AND A CHANCE OF SHOWERS AND THUNDERSTORMS ON SATURDAY.

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY.

MAX TEMPERATURE.....65-73.

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

MIN HUMIDITY.....15-21 PERCENT.

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

20-FOOT WINDS.....WINDY. SOUTHWEST 10 TO 25 MPH WITH GUSTS TO AROUND 45 MPH INCREASING TO 20 TO 30 MPH WITH GUSTS TO AROUND 55 MPH IN THE AFTERNOON.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHWEST AROUND 25 MPH INCREASING TO AROUND 35 MPH IN THE AFTERNOON.

MIXING HEIGHT.....6300-7500 FT AGL INCREASING TO 9000-10800 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....EXCELLENT (154100 KNOT-FT) INCREASING TO EXCELLENT (302300 KNOT-FT) IN THE AFTERNOON.

HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY.

MIN TEMPERATURE.....37-43.

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

MAX HUMIDITY.....61-67 PERCENT.

24 HR TREND.....14 PERCENT DRIER.

HUMIDITY RECOVERY...FAIR.

20-FOOT WINDS.....WINDY. WEST 10 TO 30 MPH WITH GUSTS TO AROUND 50 MPH DECREASING TO 10 TO 15 MPH AND GUSTY AFTER MIDNIGHT.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....WEST AROUND 25 MPH DECREASING TO AROUND 15 MPH AFTER MIDNIGHT.

MIXING HEIGHT.....4600-5500 FT AGL DECREASING TO 200-800 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL.....VERY GOOD (114300 KNOT-FT) DECREASING TO POOR (7600 KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.