



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: July 3, 2014 @ 1030

| | | |
|-------|------|-------|
| Local | GACC | Nat'l |
| 1 | 1 | 2 |

Today's Fire Danger
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> |
| | | | | | | |
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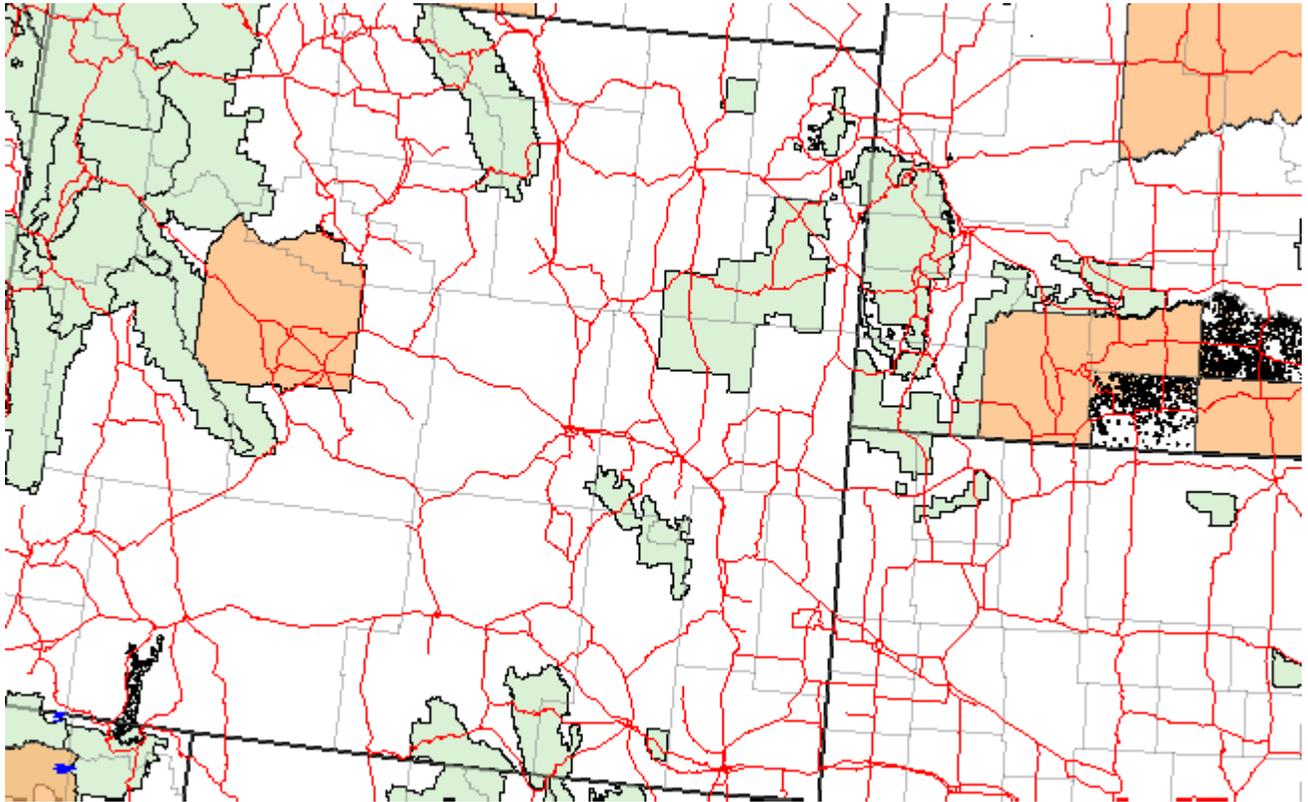
| MED BOW NATIONAL FOREST | | | | | | |
|-------------------------|-----------------|------------------------|--------------|---------------|-----------------|----------------|
| <u>Unit</u> | <u>Inc Name</u> | <u>Size</u> (Acres) | <u>Cause</u> | <u>Status</u> | <u>Location</u> | <u>Remarks</u> |
| | | | | | | |
| | | | | | | |

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

Area Discussion:

Yesterday was very quiet in the zone. No new activity to report. Still filling a few Engine orders.

Lightning Map:



INDICES (forecasted/actual)

| FDRA | Predicted Today | | |
|----------------|------------------------|---------------------------|-----------------------|
| | Indices | Forecasted for 7/3 | Actual for 7/2 |
| Echeta | BI | 49 | 54 |
| Rochelle Hills | BI | 59 | 61 |
| Rochelle Hills | ERC | 15 | 16 |
| Poker Creek | ERC | 51 | 48 |
| Casper Mtn | ERC | 53 | 54 |
| Fales Rock | BI | 53 | 46 |
| Esterbrook | ERC | 48 | 46 |
| Sawmill Park | ERC | 54 | 52 |
| Sandstone | ERC | N/A | 68 |

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

MUCH WARMER HIGH TEMPERATURES TODAY BY ANOTHER 10 TO 15 DEGREES OVER THOSE ON WEDNESDAY...RANGING FROM THE MID 80S TO MID 90S ACROSS THE VALLEYS AND BASINS...MID 60S TO MID 70S IN THE MOUNTAINS. MINIMUM RH VALUES WILL DROP INTO THE LOWER AND MID TEENS SOUTH...TO THE MID 20S NORTH...WHILE WINDS WILL BE GENERALLY BLOW FROM THE SOUTH TO SOUTHEAST AT 5 TO 10 MPH WITH A FEW GUSTS TO 15 MPH AT TIMES. THERE WILL BE INCREASED CHANCES FOR PRECIPITATION TODAY...WITH ISOLATED TO WIDELY SCATTERED THUNDERSTORMS POSSIBLE BY MID TO LATE AFTERNOON AND INTO THE EVENING. IN ADDITION TO THE DRY HEAT TODAY...STRONG GUSTY ERRATIC WINDS WITH A FEW OF THESE STORMS AND INCREASED LIGHTNING ACTIVITY WILL ENHANCE THE FIRE DANGER SOMEWHAT...EVEN THOUGH FUELS ARE NOT CONSIDERED CRITICAL AT THIS TIME. FRIDAY..WILL BE QUITE SIMILAR TO TODAY WITH SIMILAR CHANCES FOR RELATIVELY DRY THUNDERSTORMS...WHILE SATURDAY WILL BE EVEN WARMER AND DRIER WITH LITTLE CHANCE FOR THUNDER. WITH HOT DRY WEATHER FORECAST TO CONTINUE WELL INTO NEXT WEEK...FIRE DANGER CONCERNS WILL CERTAINLY INCREASE OVER TIME.

234 AM MDT THU JUL 3 2014

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200.
SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS
AFTER 1200. CHANCE OF PRECIPITATION 20 PERCENT.

MAX TEMPERATURE.....87-92.

24 HR TREND.....10 DEGREES WARMER.

MIN HUMIDITY.....10-16 PERCENT.

24 HR TREND.....5 PERCENT DRIER.

20-FOOT WINDS.....SOUTHWEST WINDS AROUND 10 MPH UNTIL 1500...THEN
UPSLOPE/UPVALLEY 5-9 MPH. GUSTS UP TO 15 MPH.

RIDGE TOP WINDS.....SOUTHWEST AROUND 15 MPH.

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

CHC OF WETTING RAIN.LESS THAN 5 PERCENT.

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

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

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS UNTIL 2400. SOME THUNDERSTORMS
MAY PRODUCE GUSTY WINDS UNTIL 2400. CHANCE OF
PRECIPITATION 20 PERCENT.

MIN TEMPERATURE.....56-61.

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

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

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

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....WEST WINDS AROUND 10 MPH UNTIL 2400...THEN
DOWNSLOPE/DOWNVALLEY 4-7 MPH UNTIL 0300...THEN
SOUTHWEST AROUND 10 MPH. GUSTS UP TO 15 MPH.

RIDGE TOP WINDS.....SOUTHWEST AROUND 15 MPH.

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

CHC OF WETTING RAIN.15 PERCENT UNTIL 2400...THEN ZERO PERCENT.

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

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

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND

TEMPERATURES WILL BECOME VERY WARM OVER THE NEXT FEW DAYS ACROSS THE REGION. AFTERNOON MIN RHS WILL DROP INTO THE LOW TEENS WEST OF THE LARAMIE RANGE...WITH WESTERLY WINDS GUSTING 20 TO 30 MPH IN THIS AREA ON FRIDAY. FURTHER EAST...HUMIDITIES WILL GENERALLY REMAIN 20 PERCENT OR HIGHER...WITH SLIGHTLY LOWER HUMIDITIES INTO THE UPPER TEENS FOR SATURDAY. CHANCES FOR SHOWERS AND THUNDERSTORMS WILL INCREASE TODAY AND MORESO FOR FRIDAY OVER MUCH THE DISTRICT. WITH DRY LOW LEVELS IN PLACE ACROSS THE WEST...NOT MUCH PRECIP IS EXPECTED FROM THIS ACTIVITY HOWEVER THE LIKELIHOOD FOR GUSTY AND ERRATIC DOWNDRAFT WINDS IS HIGH. FURTHER EAST...HIGHER LOW LEVEL MOISTURE WILL BE IN PLACE ALLOWING FOR A BETTER CHANCE FOR WETTING RAINS HERE. SATURDAY WILL BE QUITE HOT ACROSS THE BOARD...WITH LOW CHANCES FOR T-STORM ACTIVITY.

430 AM MDT THU JUL 3 2014

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1500...THEN PARTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1500.
MAX TEMPERATURE.....89-94.
24 HR TREND.....12 DEGREES WARMER.
MIN HUMIDITY.....18-24 PERCENT.
24 HR TREND.....3 PERCENT DRIER.
20-FOOT WINDS.....SOUTHEAST UP TO 15 MPH.
LAL.....1 UNTIL 1200...THEN 2.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....SOUTHEAST 10 TO 15 MPH.
MIXING HEIGHT.....7000-8900 FT AGL INCREASING TO 10500-12500 FT
AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....GOOD TO VERY GOOD (72000-120800 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS UNTIL 2400.
MIN TEMPERATURE.....58-63.
24 HR TREND.....9 DEGREES WARMER.
MAX HUMIDITY.....76-82 PERCENT.
24 HR TREND.....19 PERCENT DRIER.
HUMIDITY RECOVERY...GOOD.
20-FOOT WINDS.....SOUTHEAST UP TO 15 MPH SHIFTING TO THE SOUTH
AFTER MIDNIGHT. GUSTS UP TO 25 MPH.
LAL.....2 UNTIL 2400...THEN 1.
CHC OF WETTING RAIN.5 PERCENT.
TRANSPORT WINDS.....SOUTH 10 TO 15 MPH.
MIXING HEIGHT.....4900-6500 FT AGL DECREASING TO 200 FT AGL AFTER
MIDNIGHT.
SMOKE DISPERSAL.....GOOD (70800 KNOT-FT) DECREASING TO POOR (1900
KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

Weather Discussion

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF

TEMPERATURES WILL BECOME VERY WARM OVER THE NEXT FEW DAYS ACROSS THE REGION. AFTERNOON MIN RHS WILL DROP INTO THE LOW TEENS WEST OF THE LARAMIE RANGE...WITH WESTERLY WINDS GUSTING 20 TO 30 MPH IN THIS AREA ON FRIDAY. FURTHER EAST...HUMIDITIES WILL GENERALLY REMAIN 20 PERCENT OR HIGHER...WITH SLIGHTLY LOWER HUMIDITIES INTO THE UPPER TEENS FOR SATURDAY. CHANCES FOR SHOWERS AND THUNDERSTORMS WILL INCREASE TODAY AND MORESO FOR FRIDAY OVER MUCH THE DISTRICT. WITH DRY LOW LEVELS IN PLACE ACROSS THE WEST...NOT MUCH PRECIP IS EXPECTED FROM THIS ACTIVITY HOWEVER THE LIKELIHOOD FOR GUSTY AND ERRATIC DOWNDRAFT WINDS IS HIGH. FURTHER EAST...HIGHER LOW LEVEL MOISTURE WILL BE IN PLACE ALLOWING FOR A BETTER CHANCE FOR WETTING RAINS HERE. SATURDAY WILL BE QUITE HOT ACROSS THE BOARD...WITH LOW CHANCES FOR T-STORM ACTIVITY.

ISSUED BY WFO CHEYENNE

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF-

430 AM MDT THU JUL 3 2014

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.
ISOLATED SHOWERS AFTER 1200 UNTIL 1500.
ISOLATED THUNDERSTORMS AFTER 1200. SCATTERED
SHOWERS AFTER 1500.

MAX TEMPERATURE.....72-80.

24 HR TREND.....7 DEGREES WARMER.

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

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

20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH BECOMING WEST UP TO 10
MPH IN THE AFTERNOON.

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

CHC OF WETTING RAIN.5 PERCENT.

TRANSPORT WINDS.....WEST AROUND 10 MPH.

MIXING HEIGHT.....8500-10100 FT AGL INCREASING TO 12400-14400 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....GOOD TO VERY GOOD (93200-130100 KNOT-FT).

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

. TONIGHT . . .

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

MIN TEMPERATURE.....49-54.

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

MAX HUMIDITY.....56-62 PERCENT.

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

HUMIDITY RECOVERY...FAIR.

20-FOOT WINDS.....SOUTHWEST AROUND 10 MPH.

LAL.....2 UNTIL 2100...THEN 1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHWEST AROUND 15 MPH.

MIXING HEIGHT.....6400-7600 FT AGL DECREASING TO 100-600 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL.....GOOD (80800 KNOT-FT) DECREASING TO POOR (4200
KNOT-FT) AFTER MIDNIGHT.

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