



Local Situation Report

Prepared: 08/01/2012 @ 0900

| | | |
|-------|------|-------|
| Local | GACC | Nat'l |
| 3 | 3 | 4 |

Today's Fire Danger
Very High

INCIDENT SUMMARY for Yesterday

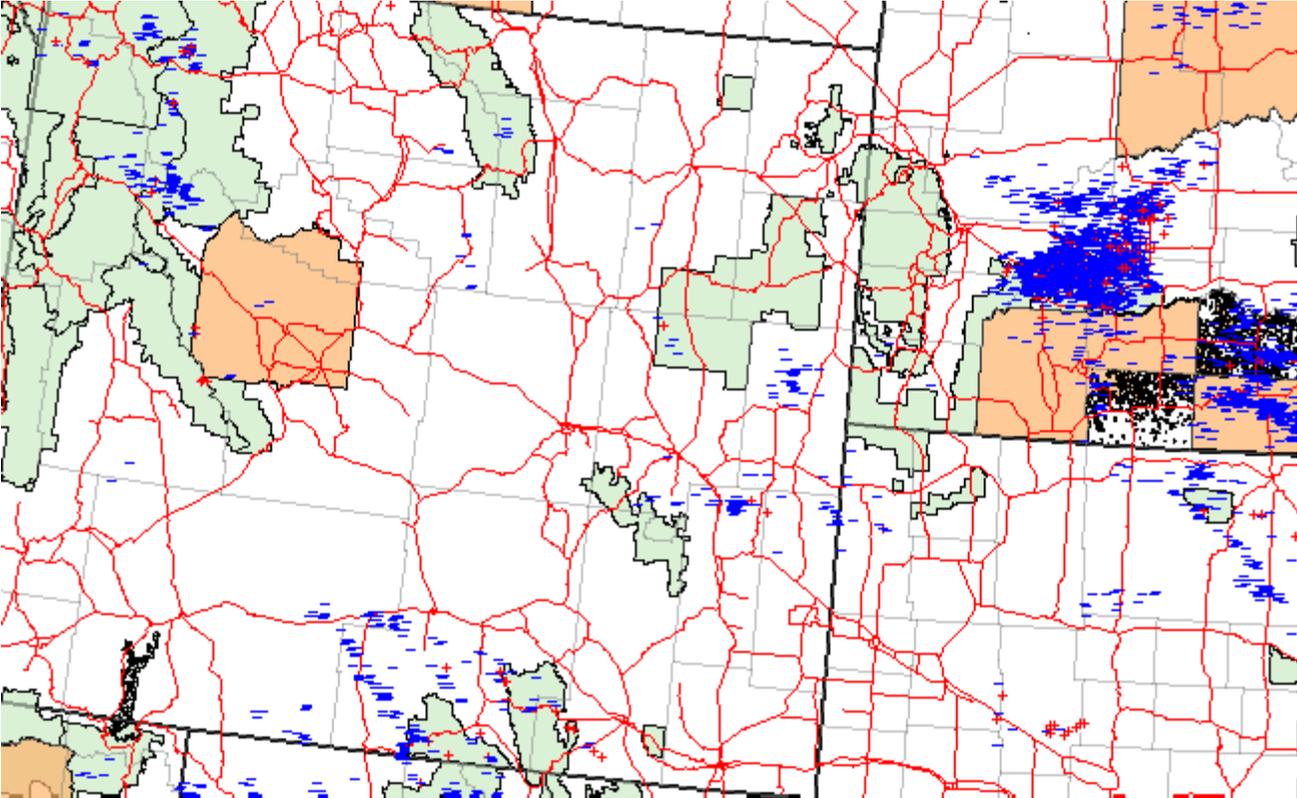
| COUNTY AND STATE FIRES | | | | | | |
|------------------------|-------------|------|-------|-----------|---------------------|------------------------------------|
| Unit | Inc Name | Size | Cause | Status | Location | Remarks |
| JOX | Seismograph | 18.1 | H | Contained | T49N R78W Sec 22 | Johnson County resources responded |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| MED BOW NATIONAL FOREST | | | | | | |
|-------------------------|--------------|--------------|-------|--------|---------------------|---|
| Unit | Inc Name | Size (Acres) | Cause | Status | Location | Remarks |
| MBF | Little Snake | .5 | N/A | | T12N R86W Sec 14 | FS Engine 621, plus Soldier Creek responded |
| | | | | | | |

| WHPD BLM | | | | | | |
|----------|----------|------|-------|--------|----------|---------|
| Unit | Inc Name | Size | Cause | Status | Location | Remarks |
| | | | | | | |

Area Discussion: Fairly quiet day yesterday from what I hear, I took the day off. Two new fires, both under control. Hot day on tap again today

Lightning Map:



INDICES (forecasted / actual)

| <u>FDRA</u> | Predicted Today | | |
|----------------|-----------------|------------|--------|
| | Indices | Forecasted | Actual |
| Echeta | BI | 92 | 73 |
| Rochelle Hills | BI | 62 | 62 |
| Rochelle Hills | ERC | 20 | 22 |
| Poker Creek | ERC | 87 | 93 |
| Casper Mtn | ERC | 67 | 66 |
| Fales Rock | BI | 79 | N/A |
| Esterbrook | ERC | 28 | 20 |
| Sawmill Park | ERC | 34 | 42 |

Duty Officers for Today:

| | | |
|----------------------|---------------|------------------|
| <u>Duty Officers</u> | FS - Laramie | Williams |
| | FS - Saratoga | Hood |
| | FS - Douglas | Westbrook |
| | BLM | Ellis |
| | State | Fallbeck |
| | FS – MBF NF | Bentley |

| | | Location | Status |
|---------------------------------|--------------------|---------------|--------|
| Local Aviation Resources | 2TJ (Duncan) State | Duncan | |
| | 3BH (Rawlins) BLM | | |
| | 8MC (Ft. Wash) BIA | | |
| | | | |

Pumpkin Time for Aircraft for Today:

| | Sunrise | Sunset | Pumpkin Time |
|----------|---------|--------|--------------|
| Gillette | 624 | 1939 | 2009 |
| Casper | 629 | 1941 | 2011 |
| Glenrock | 628 | 1939 | 2009 |
| Laramie | 628 | 1936 | 2006 |
| | | | |
| | | | |

Fire Restriction for the zone:

| Agency | Date | Closed | Remarks |
|--------|----------|--------|--|
| WY-PLX | 04/03/12 | | Platte County Burn Ban |
| WY-WEX | 05/01/12 | | Weston County under open Burn Restrictions |
| WY-ALX | 06/15/12 | | Albany County |
| WY-NAX | | | Natrona County |
| | | | |
| | | | |

Weather Discussion

Discussion: Zone 307
Medicine Bow N.F.

.DISCUSSION...

HIGH PRESSURE WIN THE UPPER ATMOSPHERE WILL REMAIN CENTERED OVER THE PLAINS. THE FEATURE WILL CONTINUE TO PRODUCE VERY WARM DAYTIME TEMPERATURES AND MID AND UPPER LEVEL MOISTURE OVER THE REGION. THAT MOISTURE WILL PRODUCE SOME MAINLY AFTERNOON AND EARLY NIGHTTIME SHOWERS AND THUNDERSTORMS ALONG AND WEST OF THE LARAMIE RANGE TODAY THROUGH MONDAY. THOSE STORMS WILL BE HIGH BASED AND PRODUCE BRIEF WIND GUSTS TO 45 MPH AND LIGHTNING. SOME OF THE STORMS WILL ALSO PRODUCE A WETTING RAINFALL.

A WARM FRONT WILL LIFT NORTH AND ACROSS THE EAST PART OF THE DISTRICT THIS MORNING. BEHIND THE FRONT WILL BE SOUTHERLY SURFACE WINDS GUSTING AS HIGH AS 35 MPH. THE WINDS ALONG WITH MINIMUM RELATIVE HUMIDITY VALUES LESS THAN 15 PERCENT WILL CREATE CRITICAL FIRE WEATHER CONDITIONS OVER THE EAST PART OF THE DISTRICT TODAY AND THIS EVENING.

THE GUSTY SOUTHERLY SURFACE WINDS WILL CONTINUE FOR TONIGHT AND SATURDAY. CRITICAL FIRE WEATHER CONDITIONS WILL BE POSSIBLE AGAIN ON SATURDAY OVER THAT AREA AS WELL AS WEST OF THE LARAMIE RANGE...WHERE SOUTHWEST WINDS WILL GUST AS HIGH AS 35 MPH.

SNOWY RANGE/MEDICINE BOW NF-
343 AM MDT FRI AUG 31 2012

| | | Today | Tonight |
|------------------------|------------------------|--|---|
| Sky WX | | MOSTLY CLOUDY. ISOLATED SHOWERS UNTIL 1200, THEN SCATTERED SHOWERS AND THUNDERSTORMS. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AFTER 1200. | MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY. CHANCE OF SHOWERS AND THUNDERSTORMS UNTIL 2400. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS UNTIL 2400. |
| MAX Temp | Valleys: | 68-72 | 47 - 53 |
| | Ridges: | | |
| Min. RH | Valleys: | 29-35 | 63 - 69 |
| | Ridges: | | |
| Winds | 20 Ft. Winds | SOUTHWEST UP TO 10 MPH | SOUTH AROUND 10 MPH. |
| | Transport winds | SOUTHWEST 10 TO 15 MPH | SOUTH AROUND 15 MPH |
| LAL: | | 1 UNTIL 1200, THEN 4. | 3 UNTIL 2400, THEN 1. |
| Chance of Rain: | | 15% | 5% |
| Haines: | | 4 | 4 |

Weather Discussion

Discussion: Zone 301

Niobrara /lower elevations of Converse County/TBNG

RED FLAG WARNING IN EFFECT FROM 9 AM THIS MORNING TO 9 PM MDT THIS EVENING FOR AREAS EAST OF THE LARAMIE RANGE.

.DISCUSSION...

HIGH PRESSURE WIN THE UPPER ATMOSPHERE WILL REMAIN CENTERED OVER THE PLAINS. THE FEATURE WILL CONTINUE TO PRODUCE VERY WARM DAYTIME TEMPERATURES AND MID AND UPPER LEVEL MOISTURE OVER THE REGION. THAT MOISTURE WILL PRODUCE SOME MAINLY AFTERNOON AND EARLY NIGHTTIME SHOWERS AND THUNDERSTORMS ALONG AND WEST OF THE LARAMIE RANGE TODAY THROUGH MONDAY. THOSE STORMS WILL BE HIGH BASED AND PRODUCE BRIEF WIND GUSTS TO 45 MPH AND LIGHTNING. SOME OF THE STORMS WILL ALSO PRODUCE A WETTING RAINFALL.

A WARM FRONT WILL LIFT NORTH AND ACROSS THE EAST PART OF THE DISTRICT THIS MORNING. BEHIND THE FRONT WILL BE SOUTHERLY SURFACE WINDS GUSTING AS HIGH AS 35 MPH. THE WINDS ALONG WITH MINIMUM RELATIVE HUMIDITY VALUES LESS THAN 15 PERCENT WILL CREATE CRITICAL FIRE WEATHER CONDITIONS OVER THE EAST PART OF THE DISTRICT TODAY AND THIS EVENING.

THE GUSTY SOUTHERLY SURFACE WINDS WILL CONTINUE FOR TONIGHT AND SATURDAY. CRITICAL FIRE WEATHER CONDITIONS WILL BE POSSIBLE AGAIN ON SATURDAY OVER THAT AREA AS WELL AS WEST OF THE LARAMIE RANGE...WHERE SOUTHWEST WINDS WILL GUST AS HIGH AS 35 MPH.

...RED FLAG WARNING IN EFFECT FROM 9 AM THIS MORNING TO 9 PM MDT THIS EVENING...

| | | Today | Tonight |
|------------------------|---------------------|---|---|
| Sky WX | | PARTLY CLOUDY UNTIL 1200...THEN MOSTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AFTER 1200 | MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS UNTIL 2400. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS UNTIL 2400 |
| MAX Temp | Valleys: | 89-95 | 60-65 |
| | Ridges: | | |
| Min. RH | Valleys: | 11-17 | 45-51 |
| | Ridges: | | |
| Winds | 20 Ft. Winds | SOUTH 10 TO 20 MPH WITH GUSTS TO AROUND 35 MPH | SOUTH 10 TO 20 MPH AND GUSTY |
| | Transport | SOUTHEAST AROUND 10 MPH INCREASING TO SOUTH AROUND 20 MPH IN THE AFTERNOON. | SOUTH 15 TO 20 MPH |
| LAL: | | 1 until 1200, then 3 | 3 until 2400, then 1 |
| Chance of Rain: | | 0% | 0% |
| Haines: | | 4 | 5 |

Weather Discussion

Discussion:

Natrona Co./Casper BLM (ZONES 280,281,285,289 AND 300)

...CASPER DISPATCH AREA (INCLUDES FIRE WEATHER ZONES 280...281...
285...289...AND 300)...

SURGES OF MONSOONAL MOISTURE WILL BRING AFTERNOON SHOWERS AND THUNDERSTORMS OVER THE AREA TODAY...AND WILL OCCUR AGAIN ON SATURDAY. ASIDE FROM LIGHTNING...GUSTY OUTFLOW WINDS WILL BE THE PRIMARY THREAT WITH THUNDERSTORM ACTIVITY. A COLD FRONT IS EXPECTED TO MOVE THROUGH THE DISPATCH AREA LATE SATURDAY AND MOVE THROUGH THE AREA DURING THE EARLY HOURS OF SUNDAY. THIS FRONT WILL RESULT IN COOLER TEMPERATURES AND INCREASED HUMIDITY ON SUNDAY. WHILE THE FRONTAL PASSAGE IS GENERALLY EXPECTED TO REMAIN DRY...SOME STORM ACTIVITY MAY BE INITIATED IN THE AFTERNOON WITH LINGERING MOISTURE AND DYNAMICS.

| | | Today | Tonight |
|------------------------|---------------------|---|---|
| Sky WX | | MOSTLY CLOUDY. AREAS OF SMOKE. ISOLATED SHOWERS AND THUNDERSTORMS. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS | MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 2400. AREAS OF SMOKE. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS UNTIL 2400 |
| MAX Temp | Valleys: | 85-90 | 59-64 |
| | Ridges: | | |
| Min. RH | Valleys: | 13-19 | 46-52 |
| | Ridges: | | |
| Winds | 20 Ft. Winds | UPSLOPE/UPVALLEY 5-9 MPH UNTIL 1500...THEN SOUTHWEST AROUND 10 MPH. GUSTS UP TO 15 MPH | SOUTH WINDS AROUND 10 MPH UNTIL 2400...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH. GUSTS UP TO 15 MPH. |
| | Ridges | SOUTHWEST AROUND 15 MPH. | SOUTHWEST AROUND 15 MPH |
| LAL: | | 2 | 2 UNTIL 2400, THEN 1 |
| Chance of Rain: | | 0% | 0% |
| Haines: | | 5 | 5 |