



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: July 4th 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>

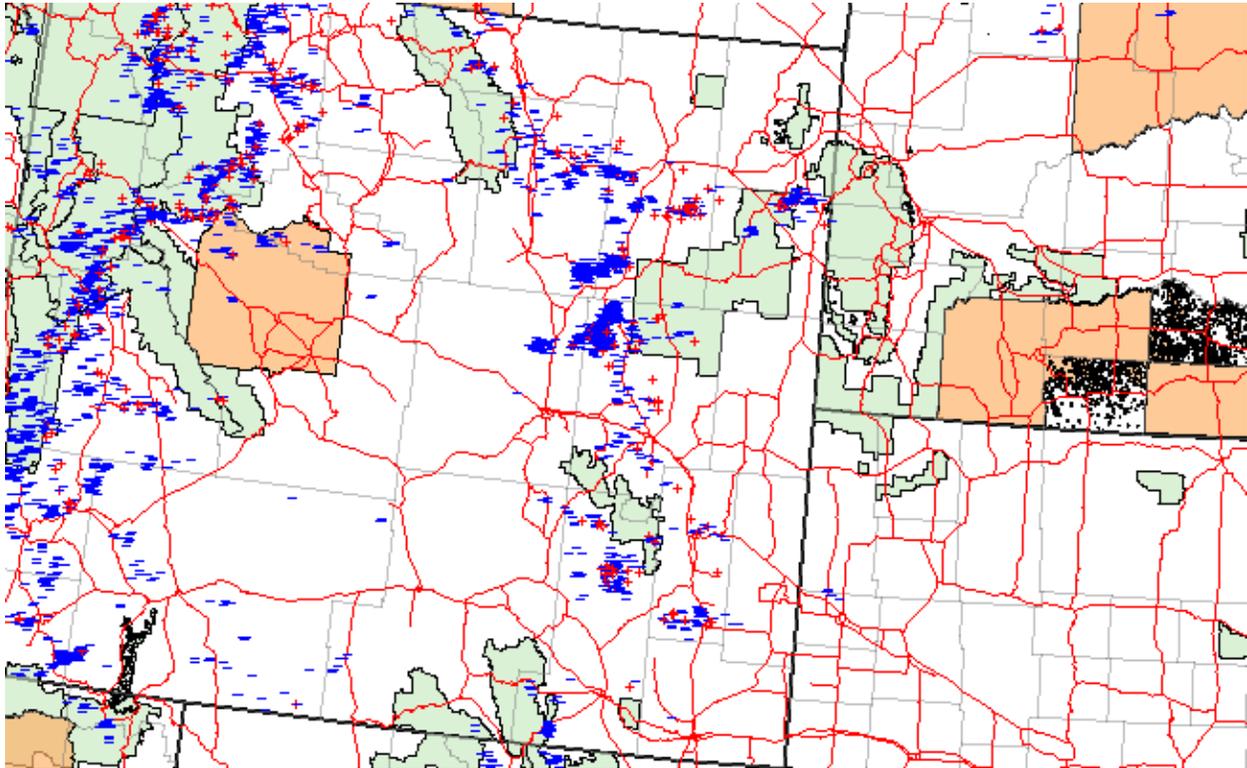
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

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:

Yesterday filled some resource orders for engines to leave after the 4th. Red Flag warning for today in weather zone 280 and 281.

Lightning Map:



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for 7/4	Actual for 7/3
Echeta	BI	58	64
Rochelle Hills	BI	61	58
Rochelle Hills	ERC	17	16
Poker Creek	ERC	54	53
Casper Mtn	ERC	57	58
Fales Rock	BI	68	74
Esterbrook	ERC	51	48
Sawmill Park	ERC	54	54
Sandstone	ERC	n/a	69

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Hood
	FS - Douglas	Rogge
	BLM	Chapman
	State	Graham
	FS – MBF NF	Bentley
	Dispatch	Fortner

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Duncan	A
	2HX (Rawlins) BLM	CA	C

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0524	2049	2119
Casper	0532	2047	2117
Glenrock	0530	2045	2115
Laramie	0535	2039	2109

Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnty open burning restrictions

Weather Discussion

WYZ280 -

NATRONA COUNTY/CASPER BLM

EXPECT MAINLY DRY CONDITIONS THROUGH THIS MORNING. ANOTHER SURGE OF MOISTURE WILL BRING ANOTHER ROUND OF SHOWERS AND THUNDERSTORMS ON FRIDAY AFTERNOON..WITH CONTINUED WARM TEMPERATURES. THE RIDGE OF HIGH PRESSURE WILL KEEP WARMING AND DRYING CONDITIONS ACROSS THE AREA THROUGH MUCH OF THE WEEKEND. SOME GUSTY WIND WILL ALSO BE POSSIBLE BOTH FRIDAY AND SATURDAY AFTERNOONS. THE COMBINATION OF DRY CONDITIONS...HOT TEMPERATURES...GUSTY WIND...AND CRITICALLY DRY FUELS HAS LED TO THE ISSUANCE OF A RED FLAG WARNING ACROSS ZONE 280 AND THE SOUTHERN HALF OF ZONE 281...MAINLY SOUTH OF KAYCEE. PLEASE REVIEW THE RED FLAG WARNING FOR MORE SPECIFIC INFORMATION ABOUT EXPECTED CONDITIONS RELATED TO THIS WARNING.

. 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.....88-93.
24 HR TREND.....UNCHANGED.
MIN HUMIDITY.....13 PERCENT.
24 HR TREND.....UNCHANGED.
20-FOOT WINDS.....WEST WINDS AROUND 15 MPH. GUSTS UP TO 20 MPH.
RIDGE TOP WINDS.....WEST 15 TO 20 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.....PARTLY CLOUDY UNTIL 2400...THEN CLEAR. ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 2400. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AND SMALL HAIL UNTIL 2400. CHANCE OF PRECIPITATION 20 PERCENT.
MIN TEMPERATURE.....56-61.
24 HR TREND.....UNCHANGED.
MAX HUMIDITY.....61-67 PERCENT.
24 HR TREND.....1 PERCENT DRIER.
HUMIDITY RECOVERY...GOOD.
20-FOOT WINDS.....NORTHWEST WINDS AROUND 15 MPH AND GUSTY UNTIL 2100...THEN SOUTHWEST WITH GUSTS TO AROUND 15 MPH.
RIDGE TOP WINDS.....NORTHWEST AROUND 20 MPH UNTIL 2100...THEN SOUTHWEST.
LAL.....2 UNTIL 2400...THEN 1.
CHC OF WETTING RAIN.ZERO 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

AFTERNOON MINIMUM HUMIDITIES WILL DROP INTO THE LOW TEENS WEST OF THE LARAMIE RANGE TODAY THROUGH SUNDAY...WITH WESTERLY WINDS GUSTING 20 TO 25 MPH THIS AFTERNOON. FURTHER EAST...HUMIDITIES WILL BE IN THE UPPER TEENS TO MID 20S THROUGH THE WEEKEND. SHOWERS AND THUNDERSTORMS WILL DEVELOP OVER THE MOUNTAINS LATE THIS MORNING AND ACROSS THE EASTERN PLAINS BY EARLY AFTERNOON AS A WEAK DISTURBANCE MOVES ACROSS THE DISTRICT. DRY NEAR-SURFACE CONDITIONS ACROSS SOUTHEAST WYOMING WILL KEEP RAINFALL RELATIVELY LIGHT...WHILE FURTHER EAST INTO NEBRASKA...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. A COOL FRONT WILL DROP SOUTH ACROSS THE DISTRICT ON SUNDAY...BRINGING SLIGHTLY COOLER TEMPS AND PERHAPS A SLIGHT CHANCE FOR AFTERNOON STORMS.

. TODAY . . .

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200.
MAX TEMPERATURE.....90-95.
24 HR TREND.....1 DEGREE WARMER.
MIN HUMIDITY.....13-19 PERCENT.
24 HR TREND.....1 PERCENT DRIER.
20-FOOT WINDS.....NORTHWEST UP TO 10 MPH AND GUSTY.
LAL.....1 UNTIL 1200...THEN 3.
CHC OF WETTING RAIN.5 PERCENT.
TRANSPORT WINDS.....WEST AROUND 10 MPH.
MIXING HEIGHT.....8300-9800 FT AGL INCREASING TO 12000-14000 FT AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....GOOD (80400 KNOT-FT) INCREASING TO VERY GOOD (136600 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....56-61.
24 HR TREND.....3 DEGREES COOLER.
MAX HUMIDITY.....71-77 PERCENT.
24 HR TREND.....12 PERCENT DRIER.
HUMIDITY RECOVERY...GOOD.
20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH BECOMING SOUTH UP TO 10 MPH AFTER MIDNIGHT.
LAL.....2 UNTIL 2100...THEN 1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTHWEST AROUND 10 MPH SHIFTING TO THE SOUTH AFTER MIDNIGHT.
MIXING HEIGHT.....5900-7100 FT AGL DECREASING TO 200 FT AGL AFTER MIDNIGHT.
SMOKE DISPERSAL.....POOR TO FAIR (1100-45300 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF

AFTERNOON MINIMUM HUMIDITIES WILL DROP INTO THE LOW TEENS WEST OF THE LARAMIE RANGE TODAY THROUGH SUNDAY...WITH WESTERLY WINDS GUSTING 20 TO 25 MPH THIS AFTERNOON. FURTHER EAST...HUMIDITIES WILL BE IN THE UPPER TEENS TO MID 20S THROUGH THE WEEKEND. SHOWERS AND THUNDERSTORMS WILL DEVELOP OVER THE MOUNTAINS LATE THIS MORNING AND ACROSS THE EASTERN PLAINS BY EARLY AFTERNOON AS A WEAK DISTURBANCE MOVES ACROSS THE DISTRICT. DRY NEAR-SURFACE CONDITIONS ACROSS SOUTHEAST WYOMING WILL KEEP RAINFALL RELATIVELY LIGHT...WHILE FURTHER EAST INTO NEBRASKA...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. A COOL FRONT WILL DROP SOUTH ACROSS THE DISTRICT ON SUNDAY...BRINGING SLIGHTLY COOLER TEMPS AND PERHAPS A SLIGHT CHANCE FOR AFTERNOON STORMS.

. TODAY . . .

SKY/WEATHER.....PARTLY CLOUDY UNTIL 1200...THEN MOSTLY CLOUDY UNTIL 1500...THEN PARTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS AFTER 0900 UNTIL 1200...THEN SCATTERED SHOWERS AND THUNDERSTORMS.

MAX TEMPERATURE.....71-79.

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

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

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

20-FOOT WINDS.....WEST 10 TO 15 MPH WITH HIGHER GUSTS.

LAL.....1 UNTIL 0900...THEN 2 UNTIL 1200...THEN 3.

CHC OF WETTING RAIN.10 PERCENT.

TRANSPORT WINDS.....WEST AROUND 15 MPH.

MIXING HEIGHT.....7500-9100 FT AGL INCREASING TO 10500-12400 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....VERY GOOD (109600 KNOT-FT) INCREASING TO EXCELLENT (173200 KNOT-FT) IN THE AFTERNOON.

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

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLEAR. ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 2100.

MIN TEMPERATURE.....45-51.

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

MAX HUMIDITY.....62-68 PERCENT.

24 HR TREND.....UNCHANGED.

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.....5200-6200 FT AGL DECREASING TO 300 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL.....GOOD (74100 KNOT-FT) DECREASING TO POOR (3500 KNOT-FT) AFTER MIDNIGHT.

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