



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: July 28, 2014 @ 1000

Local	GACC	Nat'l
2	2	3

Today's Fire Danger
HIGH / VERY HIGH

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>

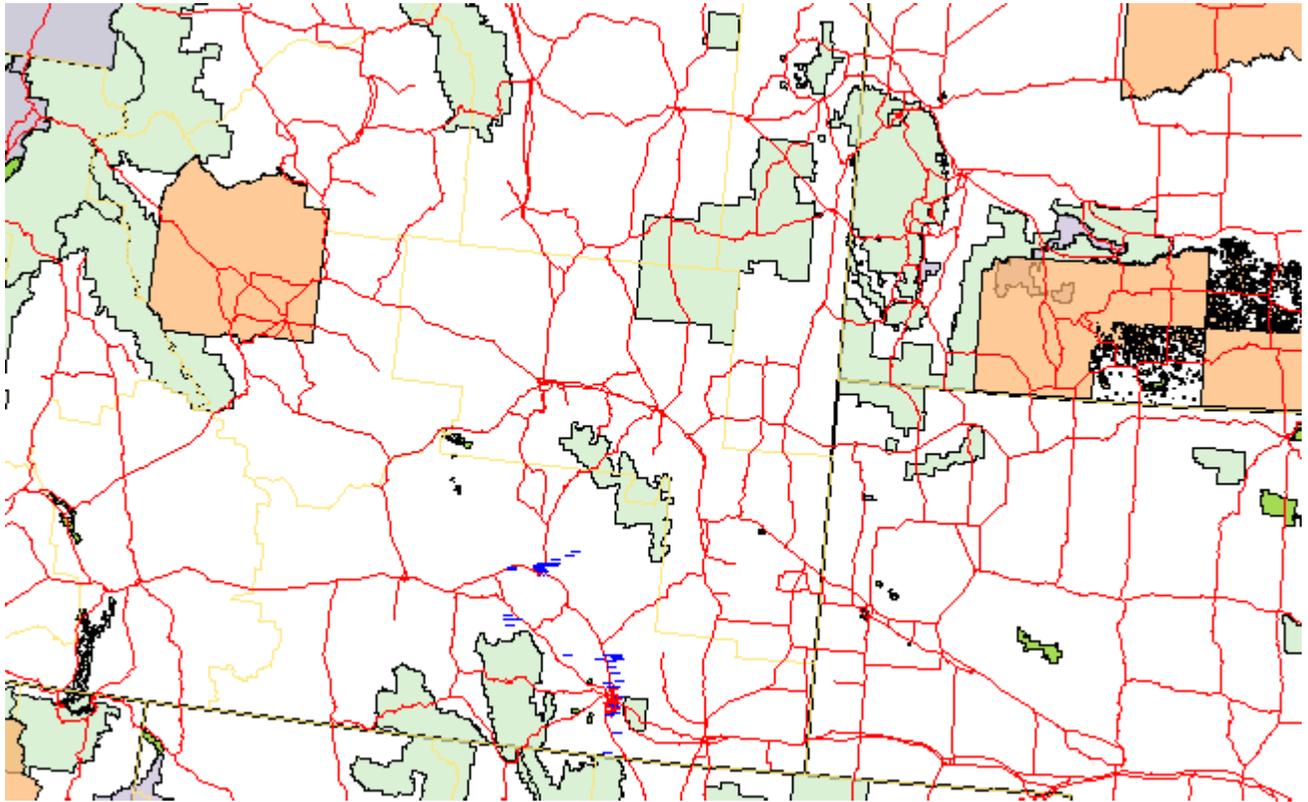
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

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:

Very quiet day, expecting a cool trend thru mid week. 1 Natrona county False Alarm report and one smoke report from the Owen fire

Lightning Map



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for	Actual for
Echeta	BI	64	62
Rochelle Hills	BI	63	63
Rochelle Hills	ERC	15	18
Poker Creek	ERC	65	67
Casper Mtn	ERC	66	70
Fales Rock	BI	70	72
Sandstone	ERC	N/A	76
Esterbrook	ERC	54	54
Sawmill Park	ERC	42	45

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Rogge
	FS - Douglas	Westbrook
	BLM	Short
	State	Graham
	FS – MBF NF	Bentley
	Dispatch	Neibauer

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Home	
	2HX (Rawlins) BLM	Home	

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	545	2031	2101
Casper	553	2030	2100
Glenrock	551	2029	2059
Laramie	554	2023	2053

Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County
SHX	7/28		Open burning restrictions
JOX	7/17		Open burning restrictions

Weather Discussion

WYZ280 -

NATRONA COUNTY/CASPER BLM

DRY CONDITIONS WILL LAST THROUGH THIS AFTERNOON FOR THE DISPATCH AREA. A SURGE OF MOISTURE MONDAY MORNING WILL INCREASE SOME CLOUD COVER...THOUGH WARMING TEMPERATURES ARE STILL EXPECTED ACROSS THE AREA. THE ARRIVING MOISTURE WILL KEEP DAYTIME HUMIDITY SLIGHTLY ELEVATED TODAY. A FEW THUNDERSTORMS ARE EXPECTED AFTER 1500 THIS AFTERNOON. SHOWERS AND THUNDERSTORMS WILL THEN INCREASE IN LIKELIHOOD THROUGH THE MIDDLE OF THE WEEK...ESPECIALLY ON TUESDAY AND WEDNESDAY. THUNDERSTORMS ACROSS THE AREA MAY CONTAIN GUSTY WIND AND BRIEF PERIODS OF HEAVY RAIN.

259 AM MDT MON JUL 28 2014

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY. ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS MAY PRODUCE HEAVY RAINFALL AFTER 1200. CHANCE OF PRECIPITATION 20 PERCENT.

MAX TEMPERATURE.....87-92.

24 HR TREND.....5 DEGREES WARMER.

MIN HUMIDITY.....16-22 PERCENT.

24 HR TREND.....1 PERCENT WETTER.

20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 1200...THEN EAST AROUND 10 MPH AND GUSTY.

RIDGE TOP WINDS.....SOUTHEAST AROUND 15 MPH UNTIL 0900...THEN EAST AROUND 5 MPH UNTIL 1200...THEN 15 TO 20 MPH.

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

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHEAST AROUND 15 MPH UNTIL 0900...THEN LIGHT AND VARIABLE UNTIL 1200...THEN SOUTHEAST AROUND 15 MPH.

MIXING HEIGHT.....1000-3500 FT AGL UNTIL 1200...THEN 5000-7500 FT AGL.

SMOKE DISPERSAL.....POOR (4000-24000 KNOT-FT) UNTIL 1200...THEN GOOD (62000-82000 KNOT-FT).

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 HEAVY RAINFALL UNTIL 2400. CHANCE OF PRECIPITATION 20 PERCENT.

MIN TEMPERATURE.....57-62.

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

MAX HUMIDITY.....71-77 PERCENT.

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

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....EAST WINDS 10 TO 15 MPH AND GUSTY.

RIDGE TOP WINDS.....EAST 15 TO 20 MPH UNTIL 0300...THEN NORTHEAST AROUND 10 MPH.

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

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....EAST 15 TO 20 MPH UNTIL 0300...THEN NORTHEAST AROUND 10 MPH.

MIXING HEIGHT.....5500-8000 FT AGL UNTIL 2400...THEN 2500-4500 FT AGL.

SMOKE DISPERSAL.....FAIR TO GOOD (56000-76000 KNOT-FT).

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

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND

MINIMAL FIRE WEATHER CONCERNS OVER THE NEXT FEW DAYS. TODAY WILL BE THE WARMEST DAY WITH AFTERNOON HIGHS IN THE MIDDLE TO UPPER 80S OVER WESTERN CARBON COUNTY. MINIMUM HUMIDITIES WILL BE IN THE TEENS...BUT WINDS WILL BE LIGHT. WIDESPREAD SHOWERS AND THUNDERSTORMS ARE LIKELY ON TUE AND WED AS MONSOON MOISTURE OVERSPREADS THE AREA. SEASONABLY COOL TEMPERATURES AND WEAK FLOW ALOFT WILL KEEP FIRE PARAMETERS TAME IN THE NEAR TERM.

ISSUED BY WFO CHEYENNE

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND-

428 AM MDT MON JUL 28 2014

.TODAY...

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

MAX TEMPERATURE.....85-90.

24 HR TREND.....1 DEGREE WARMER.

MIN HUMIDITY.....23-29 PERCENT.

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

20-FOOT WINDS.....SOUTHEAST AROUND 10 MPH AND GUSTY.

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

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTHEAST 10 TO 15 MPH.

MIXING HEIGHT.....3700-4900 FT AGL INCREASING TO 7500-9500 FT AGL
IN THE AFTERNOON.

SMOKE DISPERSAL.....POOR (38200 KNOT-FT) INCREASING TO VERY GOOD
(107800 KNOT-FT) IN THE AFTERNOON.

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

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS UNTIL 2400.

MIN TEMPERATURE.....57-62.

24 HR TREND.....5 DEGREES WARMER.

MAX HUMIDITY.....78-84 PERCENT.

24 HR TREND.....9 PERCENT WETTER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....EAST 10 TO 15 MPH.

LAL.....3 UNTIL 2400...THEN 2.

CHC OF WETTING RAIN.5 PERCENT.

TRANSPORT WINDS.....EAST 10 TO 15 MPH.

MIXING HEIGHT.....3600-4800 FT AGL.

SMOKE DISPERSAL.....FAIR (43000-54300 KNOT-FT).

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

Weather Discussion

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF

MINIMAL FIRE WEATHER CONCERNS OVER THE NEXT FEW DAYS. TODAY WILL BE THE WARMEST DAY WITH AFTERNOON HIGHS IN THE MIDDLE TO UPPER 80S OVER WESTERN CARBON COUNTY. MINIMUM HUMIDITIES WILL BE IN THE TEENS...BUT WINDS WILL BE LIGHT. WIDESPREAD SHOWERS AND THUNDERSTORMS ARE LIKELY ON TUE AND WED AS MONSOON MOISTURE OVERSPREADS THE AREA. SEASONABLY COOL TEMPERATURES AND WEAK FLOW ALOFT WILL KEEP FIRE PARAMETERS TAME IN THE NEAR TERM.

ISSUED BY WFO CHEYENNE

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF-

428 AM MDT MON JUL 28 2014

. TODAY . . .

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

MAX TEMPERATURE 69-77.

24 HR TREND 1 DEGREE WARMER.

MIN HUMIDITY 30-36 PERCENT.

24 HR TREND 6 PERCENT WETTER.

20-FOOT WINDS UPSLOPE/UPVALLEY 5-9 MPH BECOMING EAST AROUND 10 MPH IN THE AFTERNOON.

LAL 1 UNTIL 0900... THEN 2 UNTIL 1200... THEN 3 UNTIL 1500... THEN 4.

CHC OF WETTING RAIN . 10 PERCENT.

TRANSPORT WINDS EAST AROUND 10 MPH.

MIXING HEIGHT 4100-5300 FT AGL INCREASING TO 8400-10400 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL POOR (39900 KNOT-FT) INCREASING TO GOOD (96200 KNOT-FT) IN THE AFTERNOON.

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

. TONIGHT . . .

SKY/WEATHER CLOUDY. SCATTERED SHOWERS AND THUNDERSTORMS UNTIL 2400... THEN ISOLATED SHOWERS.

MIN TEMPERATURE 49-54.

24 HR TREND 3 DEGREES WARMER.

MAX HUMIDITY 83-89 PERCENT.

24 HR TREND 16 PERCENT DRIER.

HUMIDITY RECOVERY . . . EXCELLENT.

20-FOOT WINDS SOUTHEAST AROUND 10 MPH.

LAL 3.

CHC OF WETTING RAIN . 10 PERCENT.

TRANSPORT WINDS SOUTH 10 TO 15 MPH.

MIXING HEIGHT 3600-5500 FT AGL.

SMOKE DISPERSAL POOR TO FAIR (38600-55000 KNOT-FT) .

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