



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: 06/02/14 @ 0800

Local	GACC	Nat'l
1	1	2

Today's Fire Danger
Low

INCIDENT SUMMARY for Yesterday

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

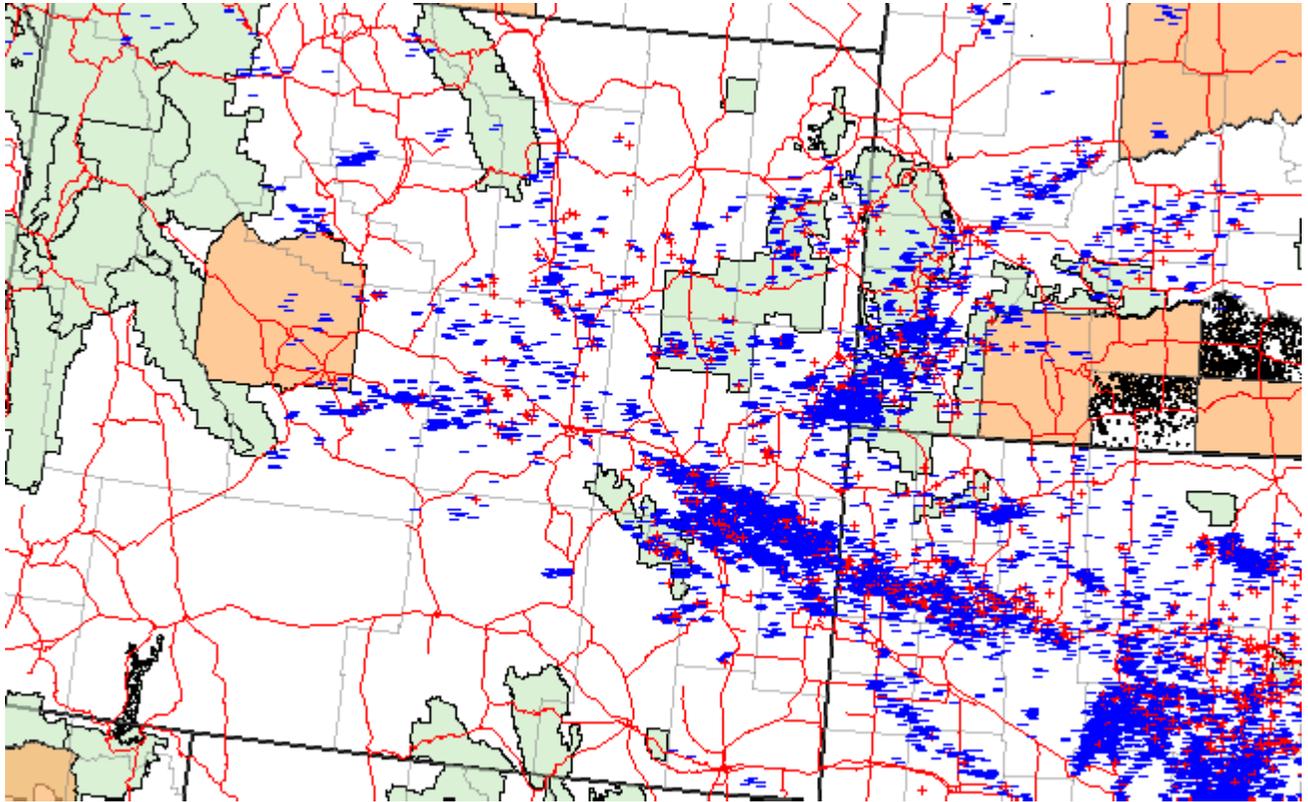
MED BOW NATIONAL FOREST						
Unit	Inc Name	Size (Acres)	Cause	Status	Location	Remarks

WHPD BLM						
Unit	Inc Name	Size	Cause	Status	Location	Remarks

Area Discussion:

First day managers briefing. Guard school wrapped up yesterday.

Lightning Map:



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for	Actual for 06/01/14
Echeta	BI		52
Rochelle Hills	BI		0
Rochelle Hills	ERC		0
Poker Creek	ERC		40
Casper Mtn	ERC		36
Fales Rock	BI		39
Esterbrook	ERC		20
Sawmill Park	ERC		37
Sandstone	ERC		50

Weather Discussion

Discussion: Zone 280
Casper BLM/Natrona County

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

IT WILL BE MUCH DRIER TODAY WITH MORE WIDESPREAD SHOWERS AND
THUNDERSTORMS EXPECTED ON TUESDAY...WITH A GOOD CHANCE FOR A
WETTING RAIN AND SOME SEVERE THUNDERSTORMS POSSIBLE WITH STRONG
GUSTY WIND AND HAIL POSSIBLE.

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.
MAX TEMPERATURE.....69-74.
24 HR TREND.....4 DEGREES WARMER.
MIN HUMIDITY.....18-24 PERCENT.
24 HR TREND.....19 PERCENT DRIER.
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 1200...THEN WEST
AROUND 10 MPH. GUSTS UP TO 15 MPH.
RIDGE TOP WINDS.....WEST 10 TO 15 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST 10 TO 15 MPH UNTIL 1500...THEN AROUND 20
MPH.
MIXING HEIGHT.....500-3000 FT AGL UNTIL 1200...THEN 5500-8000 FT
AGL.
SMOKE DISPERSAL.....POOR (10000-30000 KNOT-FT) UNTIL 1200...THEN
GOOD TO VERY GOOD (80000-100000 KNOT-FT).
HAINES INDEX.....6 OR HIGH POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY.
MIN TEMPERATURE.....46-51.
24 HR TREND.....5 DEGREES WARMER.
MAX HUMIDITY.....79-85 PERCENT.
24 HR TREND.....9 PERCENT DRIER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH UNTIL 2100...THEN
NORTHEAST AROUND 10 MPH. GUSTS UP TO 15 MPH.
RIDGE TOP WINDS.....NORTHWEST AROUND 10 MPH UNTIL 2100...THEN
NORTHEAST.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....SOUTHWEST AROUND 15 MPH UNTIL 2100...THEN EAST.
MIXING HEIGHT.....6000-8500 FT AGL UNTIL 2400...THEN 2000-4500 FT
AGL.
SMOKE DISPERSAL.....GOOD TO VERY GOOD (92000-112000 KNOT-FT) UNTIL
2400...THEN POOR TO FAIR (34000-54000 KNOT-FT).
HAINES INDEX.....6 OR HIGH POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

Weather Discussion

Discussion: Zone 301/Thunder Basin NG

.DISCUSSION...MOSTLY DRY WEATHER WILL PREVAIL TODAY UNDER RIDGING ALOFT. FOR TUESDAY...SCATTERED TO NUMEROUS LATE DAY SHOWERS AND THUNDERSTORMS WILL DEVELOP AS A WEATHER DISTURBANCE MOVES OVERHEAD WITH LOW HUMIDITIES AND GUSTY WINDS SOUTH OF A RAWLINS TO SCOTTSBLUFF LINE. THERE WILL BE A CHANCE OF AFTERNOON AND EVENING SHOWERS AND THUNDERSTORMS MOST EVERY DAY FROM WEDNESDAY INTO THE WEEKEND.

. TODAY ...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 0900...THEN PARTLY CLOUDY
UNTIL 1200...THEN MOSTLY SUNNY UNTIL
1500...THEN PARTLY CLOUDY.
MAX TEMPERATURE.....71-76.
24 HR TREND.....6 DEGREES WARMER.
MIN HUMIDITY.....26-32 PERCENT.
24 HR TREND.....19 PERCENT DRIER.
20-FOOT WINDS.....NORTHWEST UP TO 10 MPH AND GUSTY.
LAL.....1 UNTIL 1500...THEN 2.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST AROUND 10 MPH.
MIXING HEIGHT.....5100-6000 FT AGL INCREASING TO 7200-8500 FT AGL
IN THE AFTERNOON.
SMOKE DISPERSAL.....POOR TO GOOD (37300-70700 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

. TONIGHT ...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AFTER 2400.
ISOLATED THUNDERSTORMS AFTER 0300.
MIN TEMPERATURE.....48-53.
24 HR TREND.....6 DEGREES WARMER.
MAX HUMIDITY.....84-90 PERCENT.
24 HR TREND.....4 PERCENT DRIER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....EAST 10 TO 15 MPH AND GUSTY.
LAL.....1 UNTIL 0300...THEN 2.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....EAST AROUND 15 MPH.
MIXING HEIGHT.....4000-4700 FT AGL DECREASING TO 200 FT AGL AFTER
MIDNIGHT.
SMOKE DISPERSAL.....POOR TO FAIR (2800-49900 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

Weather Discussion

Discussion: Zone 307 Medicine Bow NF

.DISCUSSION...MOSTLY DRY WEATHER WILL PREVAIL TODAY UNDER RIDGING ALOFT. FOR TUESDAY...SCATTERED TO NUMEROUS LATE DAY SHOWERS AND THUNDERSTORMS WILL DEVELOP AS A WEATHER DISTURBANCE MOVES OVERHEAD WITH LOW HUMIDITIES AND GUSTY WINDS SOUTH OF A RAWLINS TO SCOTTSBLUFF LINE. THERE WILL BE A CHANCE OF AFTERNOON AND EVENING SHOWERS AND THUNDERSTORMS MOST EVERY DAY FROM WEDNESDAY INTO THE WEEKEND.

TODAY...

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....62-68.
24 HR TREND.....5 DEGREES WARMER.
MIN HUMIDITY.....17-23 PERCENT.
24 HR TREND.....UNCHANGED.
20-FOOT WINDS.....SOUTHWEST UP TO 15 MPH SHIFTING TO THE WEST IN THE AFTERNOON. GUSTS UP TO 30 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST 15 TO 20 MPH.
MIXING HEIGHT.....7300-8200 FT AGL INCREASING TO 10500-11700 FT AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....GOOD (91900 KNOT-FT) INCREASING TO EXCELLENT (209600 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....41-46.
24 HR TREND.....3 DEGREES WARMER.
MAX HUMIDITY.....53-59 PERCENT.
24 HR TREND.....10 PERCENT DRIER.
HUMIDITY RECOVERY...FAIR.
20-FOOT WINDS.....SOUTH 10 TO 15 MPH AND GUSTY.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....SOUTH AROUND 15 MPH.
MIXING HEIGHT.....5300-6000 FT AGL DECREASING TO 400 FT AGL AFTER MIDNIGHT.
SMOKE DISPERSAL.....GOOD (77900 KNOT-FT) DECREASING TO POOR (5200 KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.