



Managers Briefing

DATE PREPARED	7/13/16	TIME PREPARED	0830
NATIONAL PREPAREDNESS LEVEL: 2	RMACC PREPAREDNESS LEVEL: 3	CPC PREPAREDNESS LEVEL: 3	

Site	ERC / BI	Fire Danger Rating	Preparedness	Response Level	#incidents
				Dispatch Level	
LARAMIE RANGE IND (Casper MTN/Doge CK/ Esterbrook)	69/102	Very High	4	Moderate	0
SEIRRA IND Sawmill PK	51/64	High	3	Moderate	0
SNOWY IND (Sawmill Pk / Dry Lake)	44/58	High	3	Moderate	0
TBNG IND (Rochelle Hills/Echeta)	17/67	Very High	4	Low	0
Casper field Office (Fales rock G)	76/90	High	5	High	0
Buffalo / Newcastle Field Office (Poker / Etcheta G)	68/83	High	5	High	0

Counties

	Sheridan	Johnson	Campbell	Weston	Natrona	Converse	Niobrara	Platte	Goshen
Fire Danger Rating	High	High	High	High	High	High	High	High	High
Preparedness Level	5	5	5	5	5	5	5	5	5

L = Low, M = Moderate, H = High, V = Very High, E = Extreme

Duty Officers for Today:					
FS-Central Zone	FS-North Zone	FS-MBF NF	BLM	State	Dispatch
GONNOUD	RANKIN	MILLER	ELLIS	SCHULTZ	NEIBAUER

Area Discussion for Yesterday:

5 new fires yesterday, no concerns as of yet. Red flag warning for part of the zone today

DATE	INCIDENT NAME	INCIDENT NUMBER	AGENCY	LOCATION	CAUSE / SIZE	STATUS	AGENCIES INVOLVED
7/12	Geary Dome	229	COX	??	??	??	county
7/12	TTT Fire	227	JOX	T41N R82W Sec 27	H/60	Contained	County / BLM
7/12	Garrett	226	JOX	T43N R 78W Sec 8	H/8	Contained	County / BLM
7/12	Skull Creek	225	WEX	T44N R62W Sec 20	H / 1	Contained	FS / BLM / county
7/12	714D	224	MBF	T15N R71W Sec 12	H / .5	out	FS / county

Fire Restrictions for the zone		
Agency	Date	Remarks
WEX	04/01	Burning Restrictions
CRX	06/08	Burning Restrictions
BLM/Newcastle	06/08	No open fires
CFO	6/28	Burning Restrictions

AIRCRAFT

	CPC Zone Aviation Resources	Number Available for Assignment	Committed to CPC Incidents	Total CPC Area Resources
--	-----------------------------------	---------------------------------------	----------------------------------	--------------------------------

Airtankers:

Heavy	0	0	0	
SEATS	2	2	0	

Helicopters:

Type 1	0	0	0	
Type 2	0	0	0	
Type 3	0	0	0	
ASM / Leads				
Air Attack	1	1	0	
Recon	0	0	0	

TFR's

Incident Name	Controlling Agency	NOTAM #	VOR	Degrees	Miles	FREG

Engine Availability		
Engine Name	Available GACC	Available Nationally
1st up -	JOX BRUSH 4	JOX BRUSH 4
2nd up -	NAX 14-2	
3rd up -		
4th up -		
5th up -		

CPC Crews - Assigned						
MOB Date	Estimated Demob Date	Crew Name	Agency	Home Unit	Incident Name	Remarks

CPC Engines - Assigned						
MOB Date	Estimated Demob Date	Engine Name	Agency	Home Unit	Incident Name	Remarks
7/11	7/25	TOR BRUSH 1	PLX	TORRINGTON	COLD SPRINGS	
7/11	7/25	BRUSH 7-4	NAX	NATRONA CO	COLD SPRINGS	

Lightning Map:



Weather Discussion

280

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

...ELEVATED FIRE DANGER THIS AFTERNOON...

TODAY WILL BE A SIMILAR DAY TO TUESDAY. A GUSTY BREEZE WILL DEVELOP IN THE AFTERNOON ACROSS NATRONA COUNTY. ALTHOUGH CRITICAL FIRE CONDITIONS ARE NOT EXPECTED...FIRE DANGER WILL BE ELEVATED FOR A TIME THIS AFTERNOON IN ZONES 280 AND 289. RELATIVE HUMIDITY WILL BE HIGHER ACROSS JOHNSON COUNTY. ISOLATED THUNDERSTORM ARE POSSIBLE THIS EVENING ACROSS NORTHERN PORTIONS OF ZONE 281. SMOKE DISPERSAL AND MIXING WILL BE GENERALLY GOOD TO EXCELLENT.

...THUNDERSTORMS IMPLY STRONG GUSTY AND ERRATIC WINDS...
...HAINES INDEX IS HIGH LEVEL HAINES BOTH DAY AND NIGHT...
WYZ280-132215-
NATRONA COUNTY/CASPER BLM-
230 AM MDT WED JUL 13 2016

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....78-83.
24 HR TREND.....UNCHANGED.
MIN HUMIDITY.....14-20 PERCENT.
24 HR TREND.....4 PERCENT WETTER.
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 0900...THEN
NORTHWEST 10 TO 15 MPH WITH HIGHER GUSTS.
RIDGE TOP WINDS.....WEST 10 TO 15 MPH UNTIL 1200...THEN NORTHWEST
AROUND 20 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST 10 TO 15 MPH UNTIL 1200...THEN NORTHWEST
AROUND 20 MPH.
MIXING HEIGHT.....5500 FT AGL UNTIL 1200...THEN 11000-11500 FT
AGL.
SMOKE DISPERSAL.....FAIR TO GOOD (52000-60000 KNOT-FT) UNTIL
1200...THEN EXCELLENT (192000-208000 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....45-50.
24 HR TREND.....2 DEGREES COOLER.
MAX HUMIDITY.....66-72 PERCENT.
24 HR TREND.....12 PERCENT WETTER.
HUMIDITY RECOVERY...GOOD.
20-FOOT WINDS.....NORTH WINDS 10 TO 15 MPH AND GUSTY UNTIL
0300...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH.
RIDGE TOP WINDS.....NORTH 15 TO 20 MPH UNTIL 2400...THEN NORTHEAST
AROUND 10 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....NORTH 15 TO 20 MPH UNTIL 0300...THEN NORTHEAST
AROUND 10 MPH.
MIXING HEIGHT.....6500-7000 FT AGL UNTIL 2400...THEN 1000 FT AGL.
SMOKE DISPERSAL.....VERY GOOD (100000-112000 KNOT-FT) UNTIL
2400...THEN POOR (10000-12000 KNOT-FT).
HAINES INDEX.....6 OR HIGH POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

. THURSDAY . . .

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....78-83.
24 HR TREND.....UNCHANGED.
MIN HUMIDITY.....15-21 PERCENT.
24 HR TREND.....2 PERCENT WETTER.
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH.
RIDGE TOP WINDS.....SOUTH AROUND 10 MPH UNTIL 1500...THEN WEST.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....SOUTH AROUND 10 MPH UNTIL 1500...THEN WEST.
MIXING HEIGHT.....6500 FT AGL UNTIL 1200...THEN 11000-11500 FT
AGL.
SMOKE DISPERSAL.....GOOD (60000-80000 KNOT-FT).
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

301

FIRE WEATHER PLANNING FORECAST FOR SOUTHEAST WYOMING/WESTERN NEBRASKA
NATIONAL WEATHER SERVICE CHEYENNE WY
337 AM MDT WED JUL 13 2016

...RED FLAG WARNING IN EFFECT THIS AFTERNOON FOR PORTIONS OF SOUTHEAST WYOMING...

.DISCUSSION...

A VERY DRY AIRMASS ACROSS SOUTHEAST WYOMING WILL CAUSE HUMIDITY VALUES TO DROP TO 10-15 PERCENT THIS AFTERNOON. WIND GUSTS TO 25 TO 30 MPH WILL BE COMMON FROM LATE MORNING THROUGH SUNSET. THUS, CRITICAL CONDITIONS ARE EXPECTED ACROSS THE AREAS OF SOUTHEAST WYOMING WHERE FUELS SUPPORT RAPID FIRE SPREAD. A RED FLAG WARNING HAS BEEN ISSUED FOR FIRE WEATHER ZONES 301, 305, 307, AND 310. AN ELEVATED FIRE WEATHER THREAT IS EXPECTED OVER THE WESTERN NEBRASKA PANHANDLE AS WINDS WILL BE WEAKER OUT THERE. AN INCREASE IN MOISTURE AND WEAKER WINDS WILL KEEP FIRE WEATHER CONCERNS LIMITED THURSDAY INTO THE WEEKEND, ESPECIALLY TO THE EAST OF THE LARAMIE RANGE.
WYZ301-132245-

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND-
337 AM MDT WED JUL 13 2016

...RED FLAG WARNING IN EFFECT FROM NOON TODAY TO 7 PM MDT THIS EVENING...

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....81-86.
24 HR TREND.....UNCHANGED.
MIN HUMIDITY.....11-17 PERCENT.
24 HR TREND.....5 PERCENT WETTER.
20-FOOT WINDS.....NORTHWEST AROUND 5 MPH INCREASING TO AROUND 15 MPH IN THE AFTERNOON. GUSTS UP TO 25 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTHWEST 10 TO 15 MPH.
MIXING HEIGHT.....7900-8500 FT AGL INCREASING TO 11300-12200 FT AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....GOOD (76100 KNOT-FT) INCREASING TO EXCELLENT (174100 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....50-55.
24 HR TREND.....2 DEGREES WARMER.
MAX HUMIDITY.....64-70 PERCENT.
24 HR TREND.....6 PERCENT WETTER.
HUMIDITY RECOVERY...FAIR.
20-FOOT WINDS.....NORTHEAST 5 TO 10 MPH. GUSTS UP TO 25 MPH IN THE EVENING.

LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTH AROUND 15 MPH BECOMING NORTHEAST AROUND 5 MPH AFTER MIDNIGHT.
MIXING HEIGHT.....5800-6300 FT AGL DECREASING TO 300 FT AGL AFTER MIDNIGHT.
SMOKE DISPERSAL.....GOOD (73800 KNOT-FT) DECREASING TO POOR (1700 KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

. THURSDAY ...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.
MAX TEMPERATURE.....80-85.
24 HR TREND.....2 DEGREES COOLER.
MIN HUMIDITY.....17-23 PERCENT.
24 HR TREND.....7 PERCENT WETTER.
20-FOOT WINDS.....EAST AROUND 5 MPH AND GUSTY.
LAL.....1 UNTIL 1200...THEN 2.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....EAST 5 TO 10 MPH.
MIXING HEIGHT.....5200-6500 FT AGL INCREASING TO 10500-12500 FT AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....POOR (31200 KNOT-FT) INCREASING TO GOOD (89100 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

307

FIRE WEATHER PLANNING FORECAST FOR SOUTHEAST WYOMING/WESTERN NEBRASKA
NATIONAL WEATHER SERVICE CHEYENNE WY
337 AM MDT WED JUL 13 2016

...RED FLAG WARNING IN EFFECT THIS AFTERNOON FOR PORTIONS OF SOUTHEAST WYOMING...

.DISCUSSION...

A VERY DRY AIRMASS ACROSS SOUTHEAST WYOMING WILL CAUSE HUMIDITY VALUES TO DROP TO 10-15 PERCENT THIS AFTERNOON. WIND GUSTS TO 25 TO 30 MPH WILL BE COMMON FROM LATE MORNING THROUGH SUNSET. THUS, CRITICAL CONDITIONS ARE EXPECTED ACROSS THE AREAS OF SOUTHEAST WYOMING WHERE FUELS SUPPORT RAPID FIRE SPREAD. A RED FLAG WARNING HAS BEEN ISSUED FOR FIRE WEATHER ZONES 301, 305, 307, AND 310. AN ELEVATED FIRE WEATHER THREAT IS EXPECTED OVER THE WESTERN NEBRASKA PANHANDLE AS WINDS WILL BE WEAKER OUT THERE. AN INCREASE IN MOISTURE AND WEAKER WINDS WILL KEEP FIRE WEATHER CONCERNS LIMITED THURSDAY INTO THE WEEKEND, ESPECIALLY TO THE EAST OF THE LARAMIE RANGE.

WYZ307-132245-
SNOWY RANGE/MEDICINE BOW NF-
337 AM MDT WED JUL 13 2016

...RED FLAG WARNING IN EFFECT FROM NOON TODAY TO 7 PM MDT THIS EVENING...

.TODAY...

SKY/WEATHER.....SUNNY.
MAX TEMPERATURE.....70-76.
24 HR TREND.....3 DEGREES WARMER.
MIN HUMIDITY.....8-14 PERCENT.
24 HR TREND.....UNCHANGED.
20-FOOT WINDS.....WEST 10 TO 15 MPH WITH HIGHER GUSTS.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST 20 TO 25 MPH.
MIXING HEIGHT.....7500-8200 FT AGL INCREASING TO 10600-11500 FT AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....VERY GOOD (132000 KNOT-FT) INCREASING TO EXCELLENT (236700 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....CLEAR.
MIN TEMPERATURE.....39-45.
24 HR TREND.....1 DEGREE WARMER.
MAX HUMIDITY.....42-48 PERCENT.
24 HR TREND.....2 PERCENT DRIER.
HUMIDITY RECOVERY...POOR.
20-FOOT WINDS.....WEST 5 TO 10 MPH. GUSTS UP TO 30 MPH IN THE EVENING.
LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST 10 TO 15 MPH.
MIXING HEIGHT.....5300-6300 FT AGL DECREASING TO 200-1400 FT AGL
AFTER MIDNIGHT.
SMOKE DISPERSAL.....GOOD (89100 KNOT-FT) DECREASING TO POOR (6700
KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....6 OR HIGH POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

. THURSDAY . . .

SKY/WEATHER.....MOSTLY SUNNY.
MAX TEMPERATURE.....67-75.
24 HR TREND.....2 DEGREES COOLER.
MIN HUMIDITY.....10-16 PERCENT.
24 HR TREND.....2 PERCENT WETTER.
20-FOOT WINDS.....WEST AROUND 10 MPH AND GUSTY.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST AROUND 15 MPH.
MIXING HEIGHT.....5800-6500 FT AGL INCREASING TO 10900-12300 FT
AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....GOOD (75700 KNOT-FT) INCREASING TO EXCELLENT
(169000 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.