



United States Department of Agriculture

USDA Forest Service

Twisp River Fire Weather Appendix

To accompany Twisp River Fire Weather and
Fire Behavior Supplement



Fall 2016

Twisp River Fire Weather Appendix

This appendix accompanies the Twisp River Fire Weather and Fire Behavior Supplement and contains National Weather Service text forecast products for Fire Weather Zones 684 and 685 for Tuesday, August 18 – Wednesday, August 19, 2015. Also included is the IMET-developed fire weather forecast product for Wednesday, August 19, 2015.

1. NATIONAL WEATHER SERVICE SPOKANE WA, 241 PM PDT TUE AUG 18 2015.
2. NATIONAL WEATHER SERVICE SPOKANE WA, FIRE WEATHER PLANNING FORECAST FOR EASTERN WASHINGTON AND NORTH IDAHO 341 AM PDT WED AUG 19 2015.
3. NATIONAL WEATHER SERVICE SPOKANE WA, URGENT - FIRE WEATHER MESSAGE 451 AM PDT WED AUG 19 2015.
4. NATIONAL WEATHER SERVICE SPOKANE WA, FIRE WEATHER PLANNING FORECAST FOR EASTERN WASHINGTON AND NORTH IDAHO 249 PM PDT WED AUG 19 2015.
5. Fire Weather Forecast No 16 for 8-19 IAP Black Canyon Fire.



1. NATIONAL WEATHER SERVICE SPOKANE WA, 241 PM PDT TUE AUG 18 2015.

WWUS86 KOTX 182141
RFWOTX

URGENT - FIRE WEATHER MESSAGE
NATIONAL WEATHER SERVICE SPOKANE WA
241 PM PDT TUE AUG 18 2015

...CRITICAL FIRE WEATHER CONDITIONS WILL RETURN WEDNESDAY THROUGH FRIDAY...

.A THERMAL TROUGH MIGRATING THROUGH THE REGION WILL BRING DRY AND UNSTABLE CONDITIONS TO THE CASCADES AND NORTHERN MOUNTAIN DISTRICTS ON WEDNESDAY. IN ADDITION BREEZY CONDITIONS WILL DEVELOP WEDNESDAY EVENING THROUGH THE CASCADE GAPS...AND SPREAD ACROSS THE REGION ON THURSDAY WITH CONTINUED WARM CONDITIONS AND LOW RELATIVE HUMIDITIES. FINALLY ON THURSDAY NIGHT A COLD FRONT WILL SWEEP THROUGH THE REGION FEATURING WINDY CONDITIONS OVER ALL DISTRICTS...AND A CHANCE OF THUNDERSTORMS MAINLY OVER THE NORTHERN MOUNTAINS.

WAZ673-676-677-680-682-190745-
/O.NEW.KOTX.FW.W.0017.150819T1800Z-150822T0000Z/
EAST WASHINGTON NORTHERN COLUMBIA BASIN (ZONE 673)-
EAST WASHINGTON SOUTH CENTRAL CASCADE VALLEYS (ZONE 676)-
EAST WASHINGTON CENTRAL CASCADE VALLEYS (ZONE 677)-
EAST WASHINGTON SOUTH CENTRAL CASCADE MOUNTAINS (ZONE 680)-
EAST WASHINGTON CENTRAL CASCADE MOUNTAINS (ZONE 682)-
241 PM PDT TUE AUG 18 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM WEDNESDAY TO 5 PM PDT FRIDAY FOR UNSTABLE THERMAL TROUGH FOLLOWED BY WINDS AND LOW RH FOR FIRE WEATHER ZONES 673...676...677...680 AND 682...

THE NATIONAL WEATHER SERVICE IN SPOKANE HAS ISSUED A RED FLAG WARNING FOR AN UNSTABLE THERMAL TROUGH FOLLOWED BY BREEZY WINDS AND LOW RH LATE WEDNESDAY AND THURSDAY AND A COLD FRONT PASSAGE THURSDAY NIGHT INTO FRIDAY.WHICH IS IN EFFECT FROM 11 AM WEDNESDAY TO 5 PM PDT FRIDAY.

* AFFECTED AREA: FIRE WEATHER ZONE 673 EAST WASHINGTON NORTHERN COLUMBIA BASIN (ZONE 673)...FIRE WEATHER ZONE 676 EAST WASHINGTON SOUTH CENTRAL CASCADE VALLEYS (ZONE 676)...FIRE WEATHER ZONE 677 EAST WASHINGTON CENTRAL CASCADE VALLEYS (ZONE 677)...FIRE WEATHER ZONE 680 EAST WASHINGTON SOUTH CENTRAL CASCADE MOUNTAINS (ZONE 680) AND FIRE WEATHER ZONE 682 EAST WASHINGTON CENTRAL CASCADE MOUNTAINS (ZONE 682).

* WINDS: WEST 15 TO 25 MPH WITH GUSTS UP TO 35 MPH.



- * TIMING: UNSTABLE WARM AND DRY CONDITIONS WILL PREVAIL OVER THE REGION WEDNESDAY AFTERNOON. BREEZY AND GUSTY CONDITIONS WILL BEGIN THROUGH THE CASCADE GAPS WEDNESDAY EVENING...WINDY CONDITIONS THURSDAY INTO FRIDAY AS A COLD FRONT APPROACHES AND PASSES THROUGH THE AREA.
- * RELATIVE HUMIDITIES: 12 TO 20 PERCENT IN THE VALLEYS AND 25 TO 35 PERCENT OVER THE HIGHER TERRAIN.
- * IMPACTS: COMBINED WITH DRY FUELS WARM AND UNSTABLE CONDITIONS CAN BRING THE POTENTIAL FOR EXTREME FIRE BEHAVIOR. WINDS AND LOW RELATIVE HUMIDITIES WILL PROMOTE RAPID SPREADING OF EXISTING FIRES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A RED FLAG WARNING MEANS THAT CRITICAL FIRE WEATHER CONDITIONS ARE EITHER OCCURRING NOW...OR WILL SHORTLY. A COMBINATION OF BREEZY WINDS...LOW RELATIVE HUMIDITY...AND WARM TEMPERATURES WILL CREATE EXTREME FIRE GROWTH POTENTIAL.

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WAZ684>687-190745-
 /O.NEW.KOTX.FW.W.0017.150819T1800Z-150822T0000Z/
 EAST WASHINGTON OKANOGAN/METHOW VALLEYS (ZONE 684)-
 EAST WASHINGTON NORTH CASCADES (ZONE 685)-
 EAST WASHINGTON NORTHEAST (ZONE 686)-
 EAST WASHINGTON OKANOGAN HIGHLANDS (ZONE 687)-
 241 PM PDT TUE AUG 18 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM WEDNESDAY TO 5 PM PDT FRIDAY FOR AN UNSTABLE THERMAL TROUGH FOLLOWED BY BREEZY AND DRY CONDITIONS THURSDAY AND A COLD FRONT PASSAGE FRIDAY FOR FIRE WEATHER ZONES 684...685...686 AND 687...

- * THE NATIONAL WEATHER SERVICE IN SPOKANE HAS ISSUED A RED FLAG WARNING FOR AN UNSTABLE THERMAL TROUGH WEDNESDAY FOLLOWED BY BREEZY CONDITIONS AND LOW RH THURSDAY AND A COLD FRONT PASSAGE WITH WINDY CONDITIONS ON FRIDAY...WHICH IS IN EFFECT FROM 11 AM WEDNESDAY TO 5 PM PDT FRIDAY.
- * AFFECTED AREA: FIRE WEATHER ZONE 684 EAST WASHINGTON OKANOGAN/METHOW VALLEYS (ZONE 684)...FIRE WEATHER ZONE 685 EAST WASHINGTON NORTH CASCADES (ZONE 685)...FIRE WEATHER ZONE 686 EAST WASHINGTON NORTHEAST (ZONE 686) AND FIRE WEATHER ZONE 687 EAST WASHINGTON OKANOGAN HIGHLANDS (ZONE 687).



- * WINDS: SOUTHWEST 10 TO 15 MPH WITH GUSTS UP TO 25 MPH THURSDAY AND WEST TO NORTHWEST 15 TO 25 MPH WITH GUSTS TO 30 MPH FRIDAY.
- * TIMING: ON WEDNESDAY THE MAIN THREAT WILL BE DRY AND UNSTABLE CONDITIONS WITH TERRAIN DRIVEN WINDS. ON THURSDAY BREEZY CONDITIONS WILL DEVELOP DURING THE PEAK HEATING AFTERNOON PERIOD. THURSDAY NIGHT A COLD FRONT WILL SWEEP THROUGH WITH WINDS INCREASING AND CONTINUING THROUGH FRIDAY ALTHOUGH TEMPERATURES WILL BE COOLER AND MINIMUM RH WILL BE HIGHER ON FRIDAY.
- * RELATIVE HUMIDITIES: 12 TO 25 PERCENT IN THE VALLEYS AND 25 TO 38 PERCENT OVER THE HIGHER TERRAIN.
- * THUNDERSTORMS: ISOLATED TO SCATTERED WET THUNDERSTORMS ARE POSSIBLE WITH THE COLD FRONT ON FRIDAY ESPECIALLY NEAR THE CANADIAN BORDER. THIS POTENTIAL IS LESS CERTAIN THAN THE WIND FORECASTS.
- * IMPACTS: COMBINED WITH DRY FUELS WARM AND UNSTABLE CONDITIONS CAN BRING THE POTENTIAL FOR EXTREME FIRE BEHAVIOR. WINDS AND LOW RELATIVE HUMIDITIES WILL PROMOTE RAPID SPREADING OF EXISTING FIRES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A RED FLAG WARNING MEANS THAT CRITICAL FIRE WEATHER CONDITIONS ARE EITHER OCCURRING NOW...OR WILL SHORTLY. A COMBINATION OF STRONG WINDS...LOW RELATIVE HUMIDITY...AND WARM TEMPERATURES WILL CREATE EXTREME FIRE GROWTH POTENTIAL.

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IDZ101-WAZ674-190745-
 /O.NEW.KOTX.FW.W.0017.150820T1800Z-150822T0000Z/
 NORTHERN AND CENTRAL IDAHO PANHANDLE (ZONE 101)-
 EAST WASHINGTON PALOUSE AND SPOKANE AREA (ZONE 674)-
 241 PM PDT TUE AUG 18 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM THURSDAY TO 5 PM PDT FRIDAY FOR BREEZY WINDS AND LOW RH THURSDAY AND WINDY CONDITIONS WITH A COLD FRONT PASSAGE ON FRIDAY FOR FIRE WEATHER ZONES 674 AND 101....

THE NATIONAL WEATHER SERVICE IN SPOKANE HAS ISSUED A RED FLAG FOR BREEZY WINDS AND LOW RH...WHICH IS IN EFFECT FROM 11 AM THURSDAY TO 5 PM PDT FRIDAY.



- * AFFECTED AREA: FIRE WEATHER ZONE 101 NORTHERN AND CENTRAL IDAHO PANHANDLE (ZONE 101) AND FIRE WEATHER ZONE 674 EAST WASHINGTON PALOUSE AND SPOKANE AREA (ZONE 674).
- * WINDS: SOUTHWEST 12 TO 16 MPH WITH GUSTS UP TO 25 MPH ON THURSDAY AND SOUTHWEST 15 TO 20 MPH WITH GUSTS TO 30 MPH ON FRIDAY.
- * TIMING: BREEZY AND GUSTY CONDITIONS WILL DEVELOP THURSDAY AFTERNOON DURING THE PEAK HEATING AFTERNOON PERIOD. A COLD FRONT WILL MOVE THROUGH THE REGION THURSDAY NIGHT AND PROMOTE BREEZY AND GUSTY CONDITIONS ON FRIDAY ALTHOUGH TEMPERATURES WILL BE COOLER AND MINIMUM RH WILL BE HIGHER.
- * RELATIVE HUMIDITIES: 11 TO 25 PERCENT IN THE VALLEYS AND 25 TO 38 PERCENT OVER THE HIGHER TERRAIN.
- * IMPACTS: COMBINED WITH DRY FUELS WINDS AND LOW RELATIVE HUMIDITIES WILL PROMOTE RAPID SPREADING OF EXISTING FIRES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A RED FLAG WARNING MEANS THAT CRITICAL FIRE WEATHER CONDITIONS ARE EITHER OCCURRING NOW...OR WILL SHORTLY. A COMBINATION OF STRONG WINDS...LOW RELATIVE HUMIDITY...AND WARM TEMPERATURES WILL CREATE EXTREME FIRE GROWTH POTENTIAL.

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2. NATIONAL WEATHER SERVICE SPOKANE WA, FIRE WEATHER PLANNING FORECAST FOR EASTERN WASHINGTON AND NORTH IDAHO 341 AM PDT WED AUG 19 2015.

FNUS56 KOTX 191041
FWFOTX

FIRE WEATHER PLANNING FORECAST FOR EASTERN WASHINGTON AND NORTH IDAHO
NATIONAL WEATHER SERVICE SPOKANE WA
341 AM PDT WED AUG 19 2015

RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 5 PM PDT
FRIDAY
RED FLAG WARNING IN EFFECT FROM 11 AM THURSDAY TO 5 PM PDT
FRIDAY

.DISCUSSION...

...HOT...DRY AND UNSTABLE IN THE CASCADES AND NORTHERN DISTRICTS
TODAY...

...BREEZY GAP WINDS IN THE CASCADES THIS EVENING THROUGH THURSDAY...

...STRONG COLD FRONT WITH GUSTY WINDS THURSDAY NIGHT INTO
FRIDAY...

DRY AND WARM CONDITIONS UNDER NORTHWEST FLOW ALOFT WILL CONTINUE
TODAY AND THURSDAY. A SURFACE THERMAL TROUGH WILL CROSS THE
CASCADES INTO THE BASIN TODAY BRINGING UNSTABLE CONDITIONS TO THE
WESTERN AND NORTHERN DISTRICTS. A COLD FRONT WILL APPROACH THE
REGION ON THURSDAY PROMOTING BREEZY WINDS ACROSS THE REGION WITH
CONTINUED WARM AND DRY CONDITIONS. THURSDAY NIGHT THE COLD FRONT
WILL CROSS THE REGION AND BRING WINDY CONDITIONS TO THE ENTIRE
REGION WITH A CHANCE OF THUNDERSTORMS NEAR THE CANADIAN BORDER.
TEMPERATURES WILL COOL TO BELOW NORMAL ON FRIDAY IN THE POST COLD
FRONTAL AIR MASS. STRONG GUSTY WINDS EXPECTED DOWN THE OKANOGAN
VALLEY AND INTO THE WATERVILLE PLATEAU FRIDAY AFTERNOON AND
EVENING.

FORECASTS FOR 20 FOOT WIND SPEEDS (VALLEYS AND RIDGE TOPS) ARE
10 MINUTE AVERAGES REFLECTING RAW WIND.

WAZ676-677-680-682-200130-
EAST WASHINGTON SOUTH CENTRAL CASCADE VALLEYS (ZONE 676)-
EAST WASHINGTON CENTRAL CASCADE VALLEYS (ZONE 677)-
EAST WASHINGTON SOUTH CENTRAL CASCADE MOUNTAINS (ZONE 680)-
EAST WASHINGTON CENTRAL CASCADE MOUNTAINS (ZONE 682)-
INCLUDING THE CITIES OF...KITTITAS VALLEY...NACHES RIVER VALLEY...
LAKE CHELAN AREA...WENATCHEE RIVER VALLEY AREA...CHINOOK PASS...



WHITE PASS...STEVENS PASS...LAKE WENATCHEE AREA...CLE ELUM
341 AM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 5 PM PDT
FRIDAY...

.TODAY...

- * SKY/WEATHER...SMOKE WILL FILTER SUNLIGHT IN CLOUDLESS SKIES.
- * LAL....1.
- * MAX TEMPERATURE...89-96 VALLEYS AND 76-86 MOUNTAINS.
- * 24 HR TREND...UNCHANGED.
- * MIN HUMIDITY...17-27 PERCENT.
- * 24 HR TREND...UNCHANGED.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...UPSLOPE/UPVALLEY 2 TO 5 MPH IN THE MORNING
BECOMING SOUTHWEST 3 TO 7 MPH IN THE AFTERNOON.
- * RIDGES/UPR SLOPES...VARIABLE 2 TO 5 MPH IN THE MORNING BECOMING
SOUTHWEST 3 TO 7 MPH IN THE AFTERNOON.
- * HAINES INDEX...4 LOW.
- * MIXING HEIGHT...8500 FT AGL.
- * TRANSPORT WINDS...NORTHWEST 3 TO 7 MPH IN THE MORNING SHIFTING TO
THE WEST IN THE AFTERNOON.
- * CWR (> 0.10 IN)...0 PERCENT.

.TONIGHT...

- * SKY/WEATHER...PARTLY CLOUDY. SMOKE IN THE VALLEYS.
- * LAL....1.
- * MIN TEMPERATURE...57-67 VALLEYS AND 53-62 MOUNTAINS.
- * 24 HR TREND...1 DEGREE COOLER.
- * MAX HUMIDITY...50-65 PERCENT VALLEYS AND 65-80 PERCENT MOUNTAINS.
- * 24 HR TREND...10 PERCENT DRIER VALLEYS AND 5 PERCENT DRIER
MOUNTAINS.
- * HUMIDITY RECOVERY...FAIR.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...NORTHWEST 8 TO 12 MPH WITH GUSTS TO AROUND
35 MPH.
- * RIDGES/UPR SLOPES...WEST 8 TO 12 MPH. GUSTS TO 25 MPH.
- * HAINES INDEX...5 MODERATE.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...WEST 13 TO 17 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...MOSTLY SUNNY MOUNTAINS. SMOKE IN THE VALLEYS.
- * LAL....1.
- * MAX TEMPERATURE...79-89 VALLEYS AND 67-77 MOUNTAINS.
- * MIN HUMIDITY...18-28 PERCENT.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...NORTHWEST 9 TO 13 MPH WITH GUSTS TO AROUND
30 MPH.



* RIDGES/UPR SLOPES...NORTHWEST 10 TO 14 MPH.
* HAINES INDEX...5 MODERATE.
* MIXING HEIGHT...7500 FT AGL.
* TRANSPORT WINDS...WEST 13 TO 17 MPH.
* CWR (> 0.10 IN)...0 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....
.FRIDAY...PARTLY CLOUDY. AREAS OF SMOKE. SLIGHT CHANCE OF RAIN
SHOWERS. LOWS 53 TO 63 VALLEYS...44 TO 54 MOUNTAINS. HIGHS 70 TO
80 VALLEYS...58 TO 68 MOUNTAINS. NORTHWEST WIND 18 TO 22 MPH.
.SATURDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 46 TO 56
VALLEYS...41 TO 50 MOUNTAINS. HIGHS 78 TO 85 VALLEYS...67 TO 77
MOUNTAINS. NORTHWEST WIND 3 TO 7 MPH.
.SUNDAY...CLEAR. LOWS 45 TO 54. HIGHS 83 TO 90 VALLEYS...72 TO
82 MOUNTAINS. WEST WIND 3 TO 7 MPH.
.MONDAY THROUGH TUESDAY...MOSTLY CLEAR. LOWS 52 TO 62 VALLEYS...
46 TO 56 MOUNTAINS. HIGHS 77 TO 87 VALLEYS...65 TO 75 MOUNTAINS.

.8 TO 14 DAY OUTLOOK FOR AUG 26 - SEP 01, 2015

NEAR NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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WAZ684>687-200130-
EAST WASHINGTON OKANOGAN/METHOW VALLEYS (ZONE 684)-
EAST WASHINGTON NORTH CASCADES (ZONE 685)-
EAST WASHINGTON NORTHEAST (ZONE 686)-
EAST WASHINGTON OKANOGAN HIGHLANDS (ZONE 687)-
INCLUDING THE CITIES OF...METHOW RIVER VALLEY...OKANOGAN VALLEY...
NESPELEM...MAZAMA...CONCONULLY...NORTH CASCADES HIGHWAY...
PASAYTEN WILDERNESS...DEER PARK...COLVILLE...NEWPORT...KELLER...
REPUBLIC...CURLEW
341 AM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 5 PM PDT
FRIDAY...

.TODAY...
* SKY/WEATHER...SMOKE WILL FILTER SUNLIGHT IN CLOUDLESS SKIES.
* LAL...1.
* MAX TEMPERATURE...89-95 VALLEYS AND 78-88 MOUNTAINS.
* 24 HR TREND...4 DEGREES WARMER.
* MIN HUMIDITY...11-21 PERCENT.
* 24 HR TREND...3 PERCENT DRIER.
* 20-FOOT WIND...
* VALLEYS/LWR SLOPES...UPSLOPE/UPVALLEY 2 TO 5 MPH.
* RIDGES/UPR SLOPES...VARIABLE 2 TO 5 MPH IN THE MORNING BECOMING



SOUTHWEST 3 TO 7 MPH IN THE AFTERNOON.
* HAINES INDEX...5 MODERATE.
* MIXING HEIGHT...8000 FT AGL.
* TRANSPORT WINDS...NORTH 3 TO 7 MPH IN THE MORNING SHIFTING TO THE WEST IN THE AFTERNOON.
* CWR (> 0.10 IN)...0 PERCENT.

.TONIGHT...

* SKY/WEATHER...MOSTLY CLEAR MOUNTAINS. SMOKE IN THE VALLEYS.
* LAL....1.
* MIN TEMPERATURE...52-62.
* 24 HR TREND...1 DEGREE WARMER.
* MAX HUMIDITY...50-65 PERCENT.
* 24 HR TREND...10 PERCENT DRIER VALLEYS AND 5 PERCENT DRIER MOUNTAINS.
* HUMIDITY RECOVERY...FAIR.
* 20-FOOT WIND...
* VALLEYS/LWR SLOPES...SOUTHWEST 4 TO 8 MPH IN THE EVENING BECOMING
DOWNSLOPE/DOWNVALLEY 2 TO 5 MPH OVERNIGHT. GUSTS UP TO 25 MPH.
* RIDGES/UPR SLOPES...WEST 5 TO 7 MPH. GUSTS TO 20 MPH.
* HAINES INDEX...4 LOW.
* MIXING HEIGHT...NEAR SURFACE.
* TRANSPORT WINDS...WEST 5 TO 10 MPH.
* CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

* SKY/WEATHER...SMOKE WILL FILTER SUNLIGHT. INCREASING CLOUDS IN THE AFTERNOON.
* LAL....1.
* MAX TEMPERATURE...85-90 VALLEYS AND 74-84 MOUNTAINS.
* MIN HUMIDITY...12-22 PERCENT.
* 20-FOOT WIND...
* VALLEYS/LWR SLOPES...UPSLOPE/UPVALLEY 3 TO 6 MPH IN THE MORNING BECOMING SOUTHWEST 6 TO 10 MPH WITH GUSTS TO AROUND 20 MPH IN THE AFTERNOON.
* RIDGES/UPR SLOPES...NORTHWEST 4 TO 8 MPH IN THE MORNING SHIFTING TO THE SOUTHWEST 7 TO 11 MPH WITH GUSTS TO 20 MPH IN THE AFTERNOON.
* HAINES INDEX...4 LOW.
* MIXING HEIGHT...6500 FT AGL.
* TRANSPORT WINDS...NORTHWEST 8 TO 12 MPH IN THE MORNING SHIFTING TO THE WEST IN THE AFTERNOON.
* CWR (> 0.10 IN)...0 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

.FRIDAY...NOT AS WARM. MOSTLY CLOUDY. AREAS OF SMOKE. SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS. LOWS 50 TO 60. HIGHS 71 TO



79 VALLEYS...60 TO 70 MOUNTAINS. NORTHWEST WIND 13 TO 17 MPH.
.SATURDAY...MOSTLY CLEAR MOUNTAINS. AREAS OF SMOKE IN THE VALLEYS.
LOWS 42 TO 52. HIGHS 76 TO 83 VALLEYS... 65 TO 75 MOUNTAINS.
NORTH WIND 3 TO 7 MPH.
.SUNDAY...CLEAR. LOWS 43 TO 53. HIGHS 84 TO 89 VALLEYS...73 TO
83 MOUNTAINS. SOUTH WIND 3 TO 7 MPH.
.MONDAY THROUGH TUESDAY...MOSTLY CLEAR. LOWS 47 TO 57. HIGHS
81 TO 89 VALLEYS...71 TO 81 MOUNTAINS.

.8 TO 14 DAY OUTLOOK FOR AUG 26 - SEP 01, 2015

NEAR NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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IDZ101-200130-
NORTHERN AND CENTRAL IDAHO PANHANDLE (ZONE 101)-
INCLUDING THE CITIES OF...ST. MARIES...RATHDRUM PRAIRIE...
SILVER VALLEY...BONNERS FERRY...PRIEST LAKE
341 AM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM THURSDAY TO 5 PM PDT
FRIDAY...

.TODAY...

- * SKY/WEATHER...SMOKE WILL FILTER SUNLIGHT IN CLOUDLESS SKIES.
- * LAL....1.
- * MAX TEMPERATURE...85-90 VALLEYS AND 77-87 MOUNTAINS.
- * 24 HR TREND...4 DEGREES WARMER.
- * MIN HUMIDITY...13-23 PERCENT.
- * 24 HR TREND...4 PERCENT DRIER.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...UPSLOPE/UPVALLEY 2 TO 5 MPH IN THE MORNING
BECOMING WEST 4 TO 8 MPH IN THE AFTERNOON.
- * RIDGES/UPR SLOPES...VARIABLE 2 TO 5 MPH IN THE MORNING BECOMING
WEST 5 TO 9 MPH IN THE AFTERNOON.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...7500 FT AGL.
- * TRANSPORT WINDS...SOUTHEAST 1 TO 2 MPH IN THE MORNING INCREASING
TO WEST 8 TO 12 MPH IN THE AFTERNOON.
- * CWR (> 0.10 IN)...0 PERCENT.

.TONIGHT...

- * SKY/WEATHER...MOSTLY CLEAR MOUNTAINS. SMOKE IN THE VALLEYS.
- * LAL....1.
- * MIN TEMPERATURE...52-60.
- * 24 HR TREND...4 DEGREES WARMER.
- * MAX HUMIDITY...60-75 PERCENT VALLEYS AND 50-65 PERCENT MOUNTAINS.
- * 24 HR TREND...10 PERCENT DRIER VALLEYS AND 5 PERCENT DRIER



MOUNTAINS.

- * HUMIDITY RECOVERY...FAIR.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...SOUTHWEST 3 TO 7 MPH IN THE EVENING
BECOMING
DOWNSLOPE/DOWNVALLEY 2 TO 5 MPH OVERNIGHT.
- * RIDGES/UPR SLOPES....SOUTHWEST 4 TO 8 MPH IN THE EVENING
BECOMING
VARIABLE 2 TO 5 MPH OVERNIGHT.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...WEST 8 TO 12 MPH IN THE EVENING SHIFTING TO THE
SOUTH OVERNIGHT.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...INCREASING CLOUDS IN THE AFTERNOON. SMOKE IN THE
MORNING...THEN AREAS OF SMOKE IN THE AFTERNOON.
- * LAL....1.
- * MAX TEMPERATURE...82-87 VALLEYS AND 74-84 MOUNTAINS.
- * MIN HUMIDITY...16-26 PERCENT.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...UPSLOPE/UPVALLEY 3 TO 7 MPH IN THE MORNING
BECOMING SOUTHWEST 8 TO 12 MPH IN THE AFTERNOON.
- * RIDGES/UPR SLOPES....SOUTHWEST 7 TO 11 MPH.
- * HAINES INDEX...4 LOW.
- * MIXING HEIGHT...6000 FT AGL.
- * TRANSPORT WINDS...SOUTHWEST 10 TO 15 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

- .FRIDAY...COOLER. MOSTLY CLOUDY. AREAS OF SMOKE. CHANCE OF
SHOWERS AND THUNDERSTORMS. LOWS 49 TO 56. HIGHS 69 TO
74 VALLEYS...60 TO 70 MOUNTAINS. SOUTHWEST WIND 8 TO 12 MPH.
- .SATURDAY...PARTLY CLOUDY. SLIGHT CHANCE OF RAIN SHOWERS. LOWS
40 TO 46. HIGHS 73 TO 78 VALLEYS...64 TO 74 MOUNTAINS. EAST WIND
3 TO 7 MPH.
- .SUNDAY...WARMER. MOSTLY CLEAR. LOWS 41 TO 48. HIGHS 77 TO 87.
SOUTH WIND 3 TO 7 MPH.
- .MONDAY...MOSTLY CLEAR. LOWS 48 TO 58. HIGHS 83 TO 88 VALLEYS...
75 TO 85 MOUNTAINS.
- .TUESDAY...PARTLY CLOUDY. LOWS 48 TO 53. HIGHS 73 TO 83.

.8 TO 14 DAY OUTLOOK FOR AUG 26 - SEP 01, 2015

NEAR NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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WAZ673-200130-
EAST WASHINGTON NORTHERN COLUMBIA BASIN (ZONE 673)-
INCLUDING THE CITIES OF...WATERVILLE...WILBUR...RITZVILLE...
MOSES LAKE
341 AM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 5 PM PDT
FRIDAY...

.TODAY...

- * SKY/WEATHER...SMOKE WILL FILTER SUNLIGHT IN CLOUDLESS SKIES.
- * LAL....1.
- * MAX TEMPERATURE...91-96.
- * 24 HR TREND...3 DEGREES WARMER.
- * MIN HUMIDITY...10-20 PERCENT.
- * 24 HR TREND...UNCHANGED.
- * 20-FOOT WIND...VARIABLE 2 TO 5 MPH IN THE MORNING BECOMING
SOUTHWEST 3 TO 7 MPH IN THE AFTERNOON.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...9000 FT AGL.
- * TRANSPORT WINDS...NORTH 3 TO 7 MPH IN THE MORNING SHIFTING TO THE
WEST IN THE AFTERNOON.
- * CWR (> 0.10 IN)...0 PERCENT.

.TONIGHT...

- * SKY/WEATHER...MOSTLY CLEAR. SMOKE.
- * LAL....1.
- * MIN TEMPERATURE...58-65.
- * 24 HR TREND...1 DEGREE WARMER.
- * MAX HUMIDITY...45-60 PERCENT.
- * 24 HR TREND...UNCHANGED.
- * HUMIDITY RECOVERY...POOR.
- * 20-FOOT WIND...WEST 5 TO 8 MPH WITH GUSTS TO AROUND 25 MPH.
- * HAINES INDEX...5 MODERATE.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...WEST 10 TO 15 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...NO CLOUDS. SMOKE IN THE MORNING. AREAS OF SMOKE
AND PATCHY BLOWING DUST IN THE AFTERNOON.
- * LAL....1.
- * MAX TEMPERATURE...86-91.
- * MIN HUMIDITY...8-18 PERCENT.
- * 20-FOOT WIND...SOUTHWEST 7 TO 11 MPH. GUSTS UP TO 20 MPH IN THE
MORNING INCREASING TO 30 MPH IN THE AFTERNOON.
- * HAINES INDEX...5 MODERATE.
- * MIXING HEIGHT...7500 FT AGL.
- * TRANSPORT WINDS...WEST 10 TO 15 MPH.



* CWR (> 0.10 IN)...0 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

.FRIDAY...NOT AS WARM. MOSTLY CLEAR. PATCHY BLOWING DUST...THEN AREAS OF BLOWING DUST IN THE AFTERNOON AND EVENING. LOWS 55 TO 61. HIGHS 75 TO 80. WEST WIND 13 TO 17 MPH.

.SATURDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 51 TO 56. HIGHS 77 TO 82. NORTH WIND 3 TO 7 MPH.

.SUNDAY...CLEAR. LOWS 50 TO 55. HIGHS 85 TO 91. SOUTHEAST WIND 3 TO 7 MPH.

.MONDAY THROUGH TUESDAY...MOSTLY CLEAR. LOWS 53 TO 61. HIGHS 82 TO 90.

.8 TO 14 DAY OUTLOOK FOR AUG 26 - SEP 01, 2015

NEAR NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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WAZ674-200130-

EAST WASHINGTON PALOUSE AND SPOKANE AREA (ZONE 674)-
INCLUDING THE CITIES OF...SPOKANE...CHENEY...DAVENPORT...PULLMAN
341 AM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM THURSDAY TO 5 PM PDT
FRIDAY...

.TODAY...

* SKY/WEATHER...SMOKE WILL FILTER SUNLIGHT IN CLOUDLESS SKIES.

* LAL....1.

* MAX TEMPERATURE...88-95.

* 24 HR TREND...5 DEGREES WARMER.

* MIN HUMIDITY...9-19 PERCENT.

* 24 HR TREND...1 PERCENT WETTER.

* 20-FOOT WIND...VARIABLE 2 TO 5 MPH IN THE MORNING BECOMING WEST 4 TO 8 MPH IN THE AFTERNOON.

* HAINES INDEX...3 VERY LOW.

* MIXING HEIGHT...8500 FT AGL.

* TRANSPORT WINDS...EAST 3 TO 7 MPH IN THE MORNING SHIFTING TO THE WEST IN THE AFTERNOON.

* CWR (> 0.10 IN)...0 PERCENT.

.TONIGHT...

* SKY/WEATHER...MOSTLY CLEAR. SMOKE.

* LAL....1.

* MIN TEMPERATURE...56-61.

* 24 HR TREND...2 DEGREES WARMER.

* MAX HUMIDITY...50-60 PERCENT.



- * 24 HR TREND...UNCHANGED.
- * HUMIDITY RECOVERY...POOR.
- * 20-FOOT WIND...SOUTHWEST 4 TO 8 MPH IN THE EVENING BECOMING VARIABLE 2 TO 5 MPH OVERNIGHT.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...SOUTHWEST 8 TO 12 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...INCREASING CLOUDS IN THE AFTERNOON. SMOKE IN THE MORNING...THEN AREAS OF SMOKE AND PATCHY BLOWING DUST IN THE AFTERNOON.
- * LAL....1.
- * MAX TEMPERATURE...83-90.
- * MIN HUMIDITY...8-18 PERCENT.
- * 20-FOOT WIND...SOUTHWEST 10 TO 15 MPH. GUSTS UP TO 20 MPH IN THE MORNING INCREASING TO 30 MPH IN THE AFTERNOON.
- * HAINES INDEX...4 LOW.
- * MIXING HEIGHT...7000 FT AGL.
- * TRANSPORT WINDS...SOUTHWEST 13 TO 17 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

.FRIDAY...NOT AS WARM. PARTLY CLOUDY. PATCHY BLOWING DUST...THEN AREAS OF BLOWING DUST IN THE AFTERNOON AND EVENING. LOWS 53 TO 58. HIGHS 73 TO 79. SOUTHWEST WIND 13 TO 17 MPH.

.SATURDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 46 TO 52. HIGHS 76 TO 82. NORTHEAST WIND 3 TO 7 MPH.

.SUNDAY...CLEAR. LOWS 47 TO 52. HIGHS 86 TO 92. SOUTHEAST WIND 3 TO 7 MPH.

.MONDAY...MOSTLY CLEAR. LOWS 55 TO 60. HIGHS 85 TO 92.

.TUESDAY...PARTLY CLOUDY. LOWS 52 TO 58. HIGHS 81 TO 87.

.8 TO 14 DAY OUTLOOK FOR AUG 26 - SEP 01, 2015

NEAR NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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3. NATIONAL WEATHER SERVICE SPOKANE WA, URGENT - FIRE WEATHER MESSAGE
451 AM PDT WED AUG 19 2015.

WWUS86 KOTX 191151
RFWOTX

URGENT - FIRE WEATHER MESSAGE
NATIONAL WEATHER SERVICE SPOKANE WA
451 AM PDT WED AUG 19 2015

...CRITICAL FIRE WEATHER CONDITIONS WILL RETURN WEDNESDAY THROUGH FRIDAY...

.A THERMAL TROUGH MIGRATING THROUGH THE REGION WILL BRING DRY AND UNSTABLE CONDITIONS TO THE CASCADES AND NORTHERN MOUNTAIN DISTRICTS TODAY. IN ADDITION BREEZY CONDITIONS WILL DEVELOP THIS EVENING THROUGH THE CASCADE GAPS...AND SPREAD ACROSS THE REGION ON THURSDAY WITH CONTINUED WARM CONDITIONS AND LOW RELATIVE HUMIDITIES. FINALLY ON THURSDAY NIGHT INTO FRIDAY A COLD FRONT WILL SWEEP THROUGH THE REGION FEATURING WINDY CONDITIONS OVER ALL DISTRICTS...AND A CHANCE OF THUNDERSTORMS MAINLY OVER THE NORTHERN MOUNTAINS.

WAZ673-676-677-680-682-192315-
/O.CON.KOTX.FW.W.0017.150819T1800Z-150822T0000Z/
EAST WASHINGTON NORTHERN COLUMBIA BASIN (ZONE 673)-
EAST WASHINGTON SOUTH CENTRAL CASCADE VALLEYS (ZONE 676)-
EAST WASHINGTON CENTRAL CASCADE VALLEYS (ZONE 677)-
EAST WASHINGTON SOUTH CENTRAL CASCADE MOUNTAINS (ZONE 680)-
EAST WASHINGTON CENTRAL CASCADE MOUNTAINS (ZONE 682)-
451 AM PDT WED AUG 19 2015

...RED FLAG WARNING REMAINS IN EFFECT FROM 11 AM THIS MORNING TO 5 PM PDT FRIDAY FOR UNSTABLE THERMAL TROUGH FOLLOWED BY WINDS AND LOW RH FOR FIRE WEATHER ZONES 673...676...677...680 AND 682...

* AFFECTED AREA: FIRE WEATHER ZONE 673 EAST WASHINGTON NORTHERN COLUMBIA BASIN (ZONE 673)...FIRE WEATHER ZONE 676 EAST WASHINGTON SOUTH CENTRAL CASCADE VALLEYS (ZONE 676)...FIRE WEATHER ZONE 677 EAST WASHINGTON CENTRAL CASCADE VALLEYS (ZONE 677)...FIRE WEATHER ZONE 680 EAST WASHINGTON SOUTH CENTRAL CASCADE MOUNTAINS (ZONE 680) AND FIRE WEATHER ZONE 682 EAST WASHINGTON CENTRAL CASCADE MOUNTAINS (ZONE 682).

* WINDS: WEST 20 TO 30 MPH WITH GUSTS UP TO 40 MPH.

* TIMING: UNSTABLE WARM AND DRY CONDITIONS WILL PREVAIL OVER THE REGION THIS AFTERNOON. BREEZY AND GUSTY CONDITIONS WILL BEGIN THROUGH THE CASCADE GAPS THIS EVENING...WINDY CONDITIONS CONTINUE THURSDAY INTO FRIDAY AS A COLD FRONT APPROACHES AND



PASSES THROUGH THE AREA.

- * RELATIVE HUMIDITIES: 12 TO 20 PERCENT IN THE VALLEYS AND 25 TO 35 PERCENT OVER THE HIGHER TERRAIN.
- * IMPACTS: COMBINED WITH DRY FUELS...WARM AND UNSTABLE CONDITIONS CAN BRING THE POTENTIAL FOR EXTREME FIRE BEHAVIOR. WINDS AND LOW RELATIVE HUMIDITIES WILL PROMOTE RAPID SPREADING OF EXISTING FIRES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A RED FLAG WARNING MEANS THAT CRITICAL FIRE WEATHER CONDITIONS ARE EITHER OCCURRING NOW...OR WILL SHORTLY. A COMBINATION OF BREEZY WINDS...LOW RELATIVE HUMIDITY...AND WARM TEMPERATURES WILL CREATE EXTREME FIRE GROWTH POTENTIAL.

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WAZ684>687-192315-
/O.CON.KOTX.FW.W.0017.150819T1800Z-150822T0000Z/
EAST WASHINGTON OKANOGAN/METHOW VALLEYS (ZONE 684)-
EAST WASHINGTON NORTH CASCADES (ZONE 685)-
EAST WASHINGTON NORTHEAST (ZONE 686)-
EAST WASHINGTON OKANOGAN HIGHLANDS (ZONE 687)-
451 AM PDT WED AUG 19 2015

...RED FLAG WARNING REMAINS IN EFFECT FROM 11 AM THIS MORNING TO 5 PM PDT FRIDAY FOR UNSTABLE THERMAL TROUGH FOLLOWED BY BREEZY AND DRY CONDITIONS THURSDAY AND A COLD FRONT PASSAGE FRIDAY FOR FIRE WEATHER ZONES 684...685...686 AND 687...

- * THE NATIONAL WEATHER SERVICE IN SPOKANE HAS ISSUED A RED FLAG WARNING FOR AN UNSTABLE THERMAL TROUGH TODAY FOLLOWED BY BREEZY CONDITIONS AND LOW RH THURSDAY AND A COLD FRONT PASSAGE WITH WINDY CONDITIONS ON FRIDAY...WHICH IS IN EFFECT FROM 11 AM WEDNESDAY TO 5 PM PDT FRIDAY.
- * AFFECTED AREA: FIRE WEATHER ZONE 684 EAST WASHINGTON OKANOGAN/METHOW VALLEYS (ZONE 684)...FIRE WEATHER ZONE 685 EAST WASHINGTON NORTH CASCADES (ZONE 685)...FIRE WEATHER ZONE 686 EAST WASHINGTON NORTHEAST (ZONE 686) AND FIRE WEATHER ZONE 687 EAST WASHINGTON OKANOGAN HIGHLANDS (ZONE 687).
- * WINDS: SOUTHWEST 10 TO 15 MPH WITH GUSTS UP TO 25 MPH THURSDAY AND WEST TO NORTHWEST 15 TO 25 MPH WITH GUSTS TO 35 MPH FRIDAY.
- * TIMING: TODAY THE MAIN THREAT WILL BE DRY AND UNSTABLE



CONDITIONS WITH TERRAIN DRIVEN WINDS. ON THURSDAY BREEZY CONDITIONS WILL DEVELOP DURING THE PEAK HEATING AFTERNOON PERIOD. THURSDAY NIGHT A COLD FRONT WILL SWEEP THROUGH WITH WINDS INCREASING AND CONTINUING THROUGH FRIDAY ALTHOUGH TEMPERATURES WILL BE COOLER AND MINIMUM RH WILL BE HIGHER ON FRIDAY.

- * RELATIVE HUMIDITIES: 12 TO 25 PERCENT IN THE VALLEYS AND 25 TO 37 PERCENT OVER THE HIGHER TERRAIN.
- * THUNDERSTORMS: ISOLATED TO SCATTERED WET THUNDERSTORMS ARE POSSIBLE WITH THE COLD FRONT ON FRIDAY ESPECIALLY NEAR THE CANADIAN BORDER. THIS POTENTIAL IS LESS CERTAIN THAN THE WIND FORECASTS.
- * IMPACTS: COMBINED WITH DRY FUELS...WARM AND UNSTABLE CONDITIONS CAN BRING THE POTENTIAL FOR EXTREME FIRE BEHAVIOR. WINDS AND LOW RELATIVE HUMIDITIES WILL PROMOTE RAPID SPREADING OF EXISTING FIRES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A RED FLAG WARNING MEANS THAT CRITICAL FIRE WEATHER CONDITIONS ARE EITHER OCCURRING NOW...OR WILL SHORTLY. A COMBINATION OF STRONG WINDS...LOW RELATIVE HUMIDITY...AND WARM TEMPERATURES WILL CREATE EXTREME FIRE GROWTH POTENTIAL.

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IDZ101-WAZ674-192315-
/O.CON.KOTX.FW.W.0017.150820T1800Z-150822T0000Z/
NORTHERN AND CENTRAL IDAHO PANHANDLE (ZONE 101)-
EAST WASHINGTON PALOUSE AND SPOKANE AREA (ZONE 674)-
451 AM PDT WED AUG 19 2015

...RED FLAG WARNING REMAINS IN EFFECT FROM 11 AM THURSDAY TO 5 PM PDT FRIDAY FOR BREEZY WINDS AND LOW RH THURSDAY AND WINDY CONDITIONS WITH A COLD FRONT PASSAGE ON FRIDAY FOR FIRE WEATHER ZONES 674 AND 101....

- * AFFECTED AREA: FIRE WEATHER ZONE 101 NORTHERN AND CENTRAL IDAHO PANHANDLE (ZONE 101) AND FIRE WEATHER ZONE 674 EAST WASHINGTON PALOUSE AND SPOKANE AREA (ZONE 674).
- * WINDS: SOUTHWEST 12 TO 16 MPH WITH GUSTS UP TO 25 MPH ON THURSDAY AND SOUTHWEST 15 TO 20 MPH WITH GUSTS TO 30 MPH ON FRIDAY.



- * TIMING: BREEZY AND GUSTY CONDITIONS WILL DEVELOP THURSDAY AFTERNOON DURING THE PEAK HEATING AFTERNOON PERIOD. A COLD FRONT WILL MOVE THROUGH THE REGION THURSDAY NIGHT AND PROMOTE BREEZY AND GUSTY CONDITIONS ON FRIDAY ALTHOUGH TEMPERATURES WILL BE COOLER AND MINIMUM RH WILL BE HIGHER.
- * RELATIVE HUMIDITIES: 11 TO 25 PERCENT IN THE VALLEYS AND 25 TO 38 PERCENT OVER THE HIGHER TERRAIN.
- * IMPACTS: COMBINED WITH DRY FUELS...WINDS AND LOW RELATIVE HUMIDITIES WILL PROMOTE RAPID SPREADING OF EXISTING FIRES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A RED FLAG WARNING MEANS THAT CRITICAL FIRE WEATHER CONDITIONS ARE EITHER OCCURRING NOW...OR WILL SHORTLY. A COMBINATION OF STRONG WINDS...LOW RELATIVE HUMIDITY...AND WARM TEMPERATURES WILL CREATE EXTREME FIRE GROWTH POTENTIAL.

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4. NATIONAL WEATHER SERVICE SPOKANE WA, FIRE WEATHER PLANNING FORECAST FOR EASTERN WASHINGTON AND NORTH IDAHO 249 PM PDT WED AUG 19 2015.

FNUS56 KOTX 192149

FWFOTX

FIRE WEATHER PLANNING FORECAST FOR EASTERN WASHINGTON AND NORTH IDAHO
NATIONAL WEATHER SERVICE SPOKANE WA
249 PM PDT WED AUG 19 2015

RED FLAG WARNING IN EFFECT UNTIL 11 PM PDT FRIDAY FOR FIRE WEATHER ZONES 673 676 677 680 682 684 685 686 AND 687

RED FLAG WARNING IN EFFECT FROM 11 AM THURSDAY TO 11 PM PDT FRIDAY FOR FIRE WEATHER ZONES 674 1ND 101

WIND ADVISORY IN EFFECT FROM 11 AM TO 8 PM PDT FRIDAY FOR THE OKANOGAN VALLEY

.DISCUSSION...

...DRY AND UNSTABLE IN THE CASCADES AND NORTHERN DISTRICTS THIS EVENING...

...BREEZY GAP WINDS IN THE CASCADES THIS EVENING THROUGH THURSDAY...

...STRONG COLD FRONT WITH GUSTY WINDS THURSDAY NIGHT INTO FRIDAY...

DRY AND WARM CONDITIONS WILL CONTINUE THURSDAY. A SURFACE THERMAL TROUGH WILL MOVE EAST THURSDAY BRINGING A SLIGHT MODERATION IN TEMPERATURES BUT INCREASINGLY BREEZY CONDITIONS AHEAD OF AN INCOMING COLD FRONT. THURSDAY NIGHT THE COLD FRONT WILL CROSS THE REGION AND BRING WINDY CONDITIONS TO THE ENTIRE REGION WITH A CHANCE OF THUNDERSTORMS NEAR THE CANADIAN BORDER. TEMPERATURES WILL COOL TO BELOW NORMAL ON FRIDAY IN THE POST COLD FRONTAL AIR MASS. STRONG GUSTY NORTHERLY WINDS ARE EXPECTED DOWN THE OKANOGAN VALLEY AND INTO THE WATERVILLE PLATEAU FRIDAY AFTERNOON AND EVENING. AREAS OF BLOWING DUST ARE LIKELY FRIDAY OVER THE COLUMBIA BASIN.

FORECASTS FOR 20 FOOT WIND SPEEDS (VALLEYS AND RIDGE TOPS) ARE
10 MINUTE AVERAGES REFLECTING RAW S WIND.

WAZ676-677-680-682-201345-
EAST WASHINGTON SOUTH CENTRAL CASCADE VALLEYS (ZONE 676)-



EAST WASHINGTON CENTRAL CASCADE VALLEYS (ZONE 677)-
EAST WASHINGTON SOUTH CENTRAL CASCADE MOUNTAINS (ZONE 680)-
EAST WASHINGTON CENTRAL CASCADE MOUNTAINS (ZONE 682)-
INCLUDING THE CITIES OF...KITTITAS VALLEY...NACHES RIVER VALLEY...
LAKE CHELAN AREA...WENATCHEE RIVER VALLEY AREA...CHINOOK PASS...
WHITE PASS...STEVENS PASS...LAKE WENATCHEE AREA...CLE ELUM
249 PM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT UNTIL 11 PM PDT FRIDAY...

.TONIGHT...

- * SKY/WEATHER...MOSTLY CLEAR. SMOKE IN THE EVENING. AREAS OF SMOKE OVERNIGHT.
- * LAL....1.
- * MIN TEMPERATURE...57-67 VALLEYS AND 54-63 MOUNTAINS.
- * 24 HR TREND...1 DEGREE COOLER.
- * MAX HUMIDITY...55-70 PERCENT.
- * 24 HR TREND...5 PERCENT DRIER.
- * HUMIDITY RECOVERY...FAIR.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...NORTHWEST 9 TO 13 MPH. GUSTS UP TO 30 MPH
IN
THE EVENING. IN THE KITTITAS VALLEY...GUSTS UP TO 35 MPH IN
THE EVENING.
- * RIDGES/UPR SLOPES...NORTHWEST 10 TO 14 MPH.
- * HAINES INDEX...5 MODERATE.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...NORTHWEST 15 TO 20 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...MOSTLY SUNNY. AREAS OF SMOKE IN THE MORNING.
- * LAL....1.
- * MAX TEMPERATURE...79-88 VALLEYS AND 66-76 MOUNTAINS.
- * 24 HR TREND...10 DEGREES COOLER.
- * MIN HUMIDITY...19-29 PERCENT VALLEYS AND 25-40 PERCENT MOUNTAINS.
- * 24 HR TREND...4 PERCENT WETTER VALLEYS AND 11 PERCENT WETTER
MOUNTAINS.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...NORTHWEST 9 TO 13 MPH. GUSTS UP TO 25 MPH
IN
THE MORNING INCREASING TO 35 MPH IN THE AFTERNOON.
- * RIDGES/UPR SLOPES...NORTHWEST 10 TO 14 MPH.
- * HAINES INDEX...5 MODERATE.
- * MIXING HEIGHT...7500 FT AGL.
- * TRANSPORT WINDS...WEST 13 TO 17 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY NIGHT...

- * SKY/WEATHER...PARTLY CLOUDY. AREAS OF SMOKE THROUGH THE NIGHT.



SLIGHT CHANCE OF RAIN SHOWERS OVERNIGHT.

- * LAL....1.
- * MIN TEMPERATURE...53-63 VALLEYS AND 45-54 MOUNTAINS.
- * MAX HUMIDITY...50-65 PERCENT VALLEYS AND 60-75 PERCENT MOUNTAINS.
- * HUMIDITY RECOVERY...FAIR.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...NORTHWEST 13 TO 17 MPH WITH GUSTS TO AROUND 35 MPH...EXCEPT NORTHWEST 18 TO 22 MPH WITH GUSTS TO AROUND 40 MPH IN THE KITTITAS VALLEY.
- * RIDGES/UPR SLOPES...NORTHWEST 15 TO 19 MPH.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...WEST 13 TO 17 MPH IN THE EVENING INCREASING TO NORTHWEST 23 TO 27 MPH OVERNIGHT.
- * CWR (> 0.10 IN)...0 PERCENT.

.FRIDAY...

- * SKY/WEATHER...MOSTLY SUNNY. AREAS OF SMOKE THROUGH THE DAY. SLIGHT CHANCE OF MOUNTAIN RAIN SHOWERS IN THE AFTERNOON.
- * LAL....1.
- * MAX TEMPERATURE...70-80 VALLEYS AND 58-68 MOUNTAINS.
- * MIN HUMIDITY...20-30 PERCENT VALLEYS AND 30-45 PERCENT MOUNTAINS.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...NORTHWEST 15 TO 19 MPH WITH GUSTS TO AROUND 40 MPH.
- * RIDGES/UPR SLOPES...NORTHWEST 17 TO 21 MPH.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...7000 FT AGL.
- * TRANSPORT WINDS...NORTHWEST 23 TO 27 MPH IN THE MORNING DECREASING TO 13 TO 17 MPH IN THE AFTERNOON.
- * CWR (> 0.10 IN)...10 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

.SATURDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 49 TO 59 VALLEYS... 42 TO 51 MOUNTAINS. HIGHS 78 TO 85 VALLEYS...67 TO 77 MOUNTAINS. NORTHWEST WIND 3 TO 7 MPH.

.SUNDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 46 TO 56. HIGHS 83 TO 90 VALLEYS...72 TO 82 MOUNTAINS. SOUTHWEST WIND 3 TO 7 MPH.

.MONDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 48 TO 58. HIGHS 78 TO 87 VALLEYS...66 TO 76 MOUNTAINS. WEST WIND 3 TO 7 MPH.

.TUESDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 49 TO 57 VALLEYS... 44 TO 52 MOUNTAINS. HIGHS 76 TO 85 VALLEYS...63 TO 73 MOUNTAINS.

.WEDNESDAY...PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS. AREAS OF SMOKE. LOWS 50 TO 58 VALLEYS...45 TO 53 MOUNTAINS. HIGHS 73 TO 83 VALLEYS...62 TO 72 MOUNTAINS.

.8 TO 14 DAY OUTLOOK FOR AUG 27 - SEP 02, 2015

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.



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WAZ685>687-201345-
EAST WASHINGTON NORTH CASCADES (ZONE 685)-
EAST WASHINGTON NORTHEAST (ZONE 686)-
EAST WASHINGTON OKANOGAN HIGHLANDS (ZONE 687)-
INCLUDING THE CITIES OF...MAZAMA...CONCONULLY...
NORTH CASCADES HIGHWAY...PASAYTEN WILDERNESS...DEER PARK...
COLVILLE...NEWPORT...KELLER...REPUBLIC...CURLEW
249 PM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT UNTIL 11 PM PDT FRIDAY...

.TONIGHT...

- * SKY/WEATHER...MOSTLY CLEAR. SMOKE.
- * LAL....1.
- * MIN TEMPERATURE...52-62.
- * 24 HR TREND...UNCHANGED.
- * MAX HUMIDITY...45-60 PERCENT.
- * 24 HR TREND...10 PERCENT DRIER.
- * HUMIDITY RECOVERY...POOR.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...SOUTHWEST 3 TO 7 MPH IN THE EVENING
BECOMING
DOWNSLOPE/DOWNVALLEY 2 TO 5 MPH OVERNIGHT.
- * RIDGES/UPR SLOPES...NORTHWEST 5 TO 9 MPH.
- * HAINES INDEX...4 LOW.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...WEST 13 TO 17 MPH IN THE EVENING SHIFTING TO
THE NORTHWEST OVERNIGHT.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...MOSTLY SUNNY. SMOKE IN THE MORNING. AREAS OF SMOKE
IN THE AFTERNOON.
- * LAL....1.
- * MAX TEMPERATURE...85-90 VALLEYS AND 74-84 MOUNTAINS.
- * 24 HR TREND...4 DEGREES COOLER.
- * MIN HUMIDITY...15-25 PERCENT.
- * 24 HR TREND...4 PERCENT WETTER.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...UPSLOPE/UPVALLEY 3 TO 6 MPH IN THE MORNING
BECOMING SOUTHWEST 6 TO 10 MPH WITH GUSTS TO AROUND 25 MPH IN
THE AFTERNOON.
- * RIDGES/UPR SLOPES...NORTHWEST 3 TO 7 MPH IN THE MORNING
SHIFTING
TO THE SOUTHWEST 7 TO 11 MPH IN THE AFTERNOON.
- * HAINES INDEX...4 LOW.



* MIXING HEIGHT...6500 FT AGL.
* TRANSPORT WINDS...NORTHWEST 3 TO 7 MPH IN THE MORNING INCREASING
TO SOUTHWEST 13 TO 17 MPH IN THE AFTERNOON.
* CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY NIGHT...

* SKY/WEATHER...PARTLY CLOUDY. AREAS OF SMOKE THROUGH THE NIGHT.
SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS OVERNIGHT.
* LAL....2.
* MIN TEMPERATURE...51-59 VALLEYS AND 48-57 MOUNTAINS.
* MAX HUMIDITY...50-65 PERCENT.
* HUMIDITY RECOVERY...FAIR.
* 20-FOOT WIND...
* VALLEYS/LWR SLOPES...SOUTHWEST 5 TO 8 MPH WITH GUSTS TO AROUND
25
MPH.
* RIDGES/UPR SLOPES...WEST 8 TO 12 MPH.
* HAINES INDEX...3 VERY LOW.
* MIXING HEIGHT...NEAR SURFACE.
* TRANSPORT WINDS...WEST 13 TO 17 MPH.
* CWR (> 0.10 IN)...0 PERCENT.

.FRIDAY...

* SKY/WEATHER...PARTLY SUNNY. AREAS OF SMOKE. CHANCE OF MOUNTAIN
SHOWERS AND THUNDERSTORMS.
* LAL....3.
* MAX TEMPERATURE...71-77 VALLEYS AND 60-70 MOUNTAINS.
* MIN HUMIDITY...24-35 PERCENT.
* 20-FOOT WIND...
* VALLEYS/LWR SLOPES...SOUTHWEST 9 TO 13 MPH IN THE MORNING
SHIFTING TO THE WEST 13 TO 17 MPH IN THE AFTERNOON. GUSTS UP
TO 35 MPH.
* RIDGES/UPR SLOPES...NORTHWEST 11 TO 15 MPH.
* HAINES INDEX...2 VERY LOW.
* MIXING HEIGHT...6500 FT AGL.
* TRANSPORT WINDS...NORTHWEST 15 TO 20 MPH.
* CWR (> 0.10 IN)...10 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

.SATURDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 41 TO 50. HIGHS
76 TO 82 VALLEYS...66 TO 76 MOUNTAINS. NORTH WIND 3 TO 7 MPH.
.SUNDAY THROUGH MONDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 45 TO
55. HIGHS 82 TO 89 VALLEYS...72 TO 82 MOUNTAINS. SOUTHWEST WIND
3 TO 7 MPH.
.TUESDAY...PARTLY CLOUDY. AREAS OF SMOKE. LOWS 44 TO 51. HIGHS
80 TO 85 VALLEYS...69 TO 79 MOUNTAINS.
.WEDNESDAY...PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND
THUNDERSTORMS. AREAS OF SMOKE. LOWS 48 TO 54. HIGHS 78 TO
83 VALLEYS...67 TO 77 MOUNTAINS.



.8 TO 14 DAY OUTLOOK FOR AUG 27 - SEP 02, 2015

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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WAZ684-201345-
EAST WASHINGTON OKANOGAN/METHOW VALLEYS (ZONE 684)-
INCLUDING THE CITIES OF...METHOW RIVER VALLEY...OKANOGAN VALLEY...
NESPELEM
249 PM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT UNTIL 11 PM PDT FRIDAY...
...WIND ADVISORY IN EFFECT FROM 11 AM TO 8 PM PDT FRIDAY...

.TONIGHT...

- * SKY/WEATHER...MOSTLY CLEAR. SMOKE.
- * LAL....1.
- * MIN TEMPERATURE...57-64.
- * 24 HR TREND...1 DEGREE WARMER.
- * MAX HUMIDITY...40-55 PERCENT.
- * 24 HR TREND...5 PERCENT DRIER VALLEYS AND 10 PERCENT DRIER MOUNTAINS.
- * HUMIDITY RECOVERY...POOR.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...NORTHWEST 5 TO 8 MPH. GUSTS UP TO 15 MPH IN THE EVENING.
- * RIDGES/UPR SLOPES...NORTHWEST 6 TO 10 MPH.
- * HAINES INDEX...5 MODERATE.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...WEST 13 TO 17 MPH IN THE EVENING SHIFTING TO THE NORTHWEST OVERNIGHT.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...SUNNY. SMOKE IN THE MORNING...THEN AREAS OF SMOKE IN THE AFTERNOON.
- * LAL....1.
- * MAX TEMPERATURE...85-91 VALLEYS AND 78-85 MOUNTAINS.
- * 24 HR TREND...5 DEGREES COOLER.
- * MIN HUMIDITY...10-20 PERCENT.
- * 24 HR TREND...2 PERCENT WETTER.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...NORTHWEST 4 TO 8 MPH IN THE MORNING SHIFTING TO THE SOUTHWEST 7 TO 11 MPH WITH GUSTS TO AROUND 20 MPH IN THE AFTERNOON.
- * RIDGES/UPR SLOPES...NORTHWEST 5 TO 9 MPH IN THE MORNING SHIFTING



TO THE WEST 7 TO 11 MPH IN THE AFTERNOON.
* HAINES INDEX...5 MODERATE.
* MIXING HEIGHT...7500 FT AGL.
* TRANSPORT WINDS...NORTHWEST 8 TO 12 MPH IN THE MORNING SHIFTING
TO THE SOUTHWEST IN THE AFTERNOON.
* CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY NIGHT...

* SKY/WEATHER...PARTLY CLOUDY. AREAS OF SMOKE.
* LAL....1.
* MIN TEMPERATURE...56-64 VALLEYS AND 52-58 MOUNTAINS.
* MAX HUMIDITY...40-50 PERCENT.
* HUMIDITY RECOVERY...POOR.
* 20-FOOT WIND...
* VALLEYS/LWR SLOPES...NORTHWEST 12 TO 20 MPH WITH GUSTS TO
AROUND 30 MPH. INCREASING TO NORTH 15 TO 25 MPH LATE
OVERNIGHT WITH GUSTS TO 35 MPH.
* RIDGES/UPR SLOPES...NORTHWEST 9 TO 13 MPH.
* HAINES INDEX...3 VERY LOW.
* MIXING HEIGHT...NEAR SURFACE.
* TRANSPORT WINDS...SOUTHWEST 13 TO 17 MPH IN THE EVENING SHIFTING
TO THE NORTHWEST OVERNIGHT.
* CWR (> 0.10 IN)...0 PERCENT.

.FRIDAY...

* SKY/WEATHER...MOSTLY SUNNY. AREAS OF SMOKE AND BLOWING DUST.
* LAL....1.
* MAX TEMPERATURE...72-81 VALLEYS AND 65-73 MOUNTAINS.
* MIN HUMIDITY...15-25 PERCENT.
* 20-FOOT WIND...
* VALLEYS/LWR SLOPES...NORTH 22 TO 32 MPH. GUSTS UP TO 35 MPH
IN THE MORNING INCREASING TO 45 MPH IN THE AFTERNOON.
* RIDGES/UPR SLOPES...NORTH 15 TO 20 MPH.
* HAINES INDEX...3 VERY LOW.
* MIXING HEIGHT...7500 FT AGL.
* TRANSPORT WINDS...NORTHWEST 13 TO 17 MPH.
* CWR (> 0.10 IN)...10 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

.SATURDAY...CLEAR. AREAS OF SMOKE. LOWS 48 TO 57. HIGHS 77 TO
84 VALLEYS...71 TO 77 MOUNTAINS. NORTHWEST WIND 3 TO 7 MPH.
.SUNDAY THROUGH MONDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 49 TO
59. HIGHS 82 TO 89 VALLEYS...75 TO 82 MOUNTAINS. WEST WIND 3 TO
7 MPH.
.TUESDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 49 TO 56. HIGHS
80 TO 86 VALLEYS...73 TO 81 MOUNTAINS.
.WEDNESDAY...PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND
THUNDERSTORMS. AREAS OF SMOKE. LOWS 52 TO 58. HIGHS 77 TO
84 VALLEYS...71 TO 78 MOUNTAINS.



.8 TO 14 DAY OUTLOOK FOR AUG 27 - SEP 02, 2015

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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IDZ101-201345-

NORTHERN AND CENTRAL IDAHO PANHANDLE (ZONE 101)-
INCLUDING THE CITIES OF...ST. MARIES...RATHDRUM PRAIRIE...
SILVER VALLEY...BONNERS FERRY...PRIEST LAKE
249 PM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM THURSDAY TO 11 PM PDT
FRIDAY...

.TONIGHT...

- * SKY/WEATHER...MOSTLY CLEAR. SMOKE.
- * LAL....1.
- * MIN TEMPERATURE...50-59.
- * 24 HR TREND...2 DEGREES WARMER.
- * MAX HUMIDITY...61-80 PERCENT VALLEYS AND 50-65 PERCENT MOUNTAINS.
- * 24 HR TREND...10 PERCENT DRIER VALLEYS AND 5 PERCENT DRIER
MOUNTAINS.
- * HUMIDITY RECOVERY...FAIR.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...DOWNSLOPE/DOWNVALLEY 2 TO 5 MPH.
- * RIDGES/UPR SLOPES...WEST 4 TO 8 MPH IN THE EVENING BECOMING
VARIABLE 2 TO 5 MPH OVERNIGHT.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...WEST 13 TO 17 MPH IN THE EVENING BECOMING
SOUTHWEST 3 TO 7 MPH OVERNIGHT.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...MOSTLY SUNNY. SMOKE IN THE MORNING...THEN AREAS OF
SMOKE IN THE AFTERNOON.
- * LAL....1.
- * MAX TEMPERATURE...82-87 VALLEYS AND 74-84 MOUNTAINS.
- * 24 HR TREND...3 DEGREES COOLER.
- * MIN HUMIDITY...17-27 PERCENT.
- * 24 HR TREND...3 PERCENT WETTER.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...UPSLOPE/UPVALLEY 3 TO 7 MPH IN THE
MORNING BECOMING SOUTHWEST 9 TO 14 MPH WITH GUSTS TO AROUND
25 MPH IN THE AFTERNOON.
- * RIDGES/UPR SLOPES...SOUTHWEST 7 TO 11 MPH.
- * HAINES INDEX...4 LOW.



- * MIXING HEIGHT...6000 FT AGL.
- * TRANSPORT WINDS...SOUTHWEST 8 TO 12 MPH IN THE MORNING INCREASING TO 18 TO 22 MPH IN THE AFTERNOON.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY NIGHT...

- * SKY/WEATHER...PARTLY CLOUDY. AREAS OF SMOKE.
- * LAL....1.
- * MIN TEMPERATURE...50-58 VALLEYS AND 49-55 MOUNTAINS.
- * MAX HUMIDITY...50-65 PERCENT.
- * HUMIDITY RECOVERY...FAIR.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...SOUTHWEST 5 TO 8 MPH WITH GUSTS TO AROUND 25 MPH.
- * RIDGES/UPR SLOPES...SOUTHWEST 7 TO 11 MPH.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...SOUTHWEST 18 TO 22 MPH IN THE EVENING DECREASING TO 8 TO 12 MPH OVERNIGHT.
- * CWR (> 0.10 IN)...0 PERCENT.

.FRIDAY...

- * SKY/WEATHER...PARTLY SUNNY. AREAS OF SMOKE THROUGH THE DAY. SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS IN THE MORNING. CHANCE OF SHOWERS AND THUNDERSTORMS IN THE AFTERNOON.
- * LAL....3.
- * MAX TEMPERATURE...70-75 VALLEYS AND 61-71 MOUNTAINS.
- * MIN HUMIDITY...19-29 PERCENT VALLEYS AND 27-40 PERCENT MOUNTAINS.
- * 20-FOOT WIND...
- * VALLEYS/LWR SLOPES...WEST 12 TO 20 MPH WITH GUSTS TO AROUND 30 MPH.
- * RIDGES/UPR SLOPES...NORTHWEST 14 TO 22 MPH.
- * HAINES INDEX...2 VERY LOW.
- * MIXING HEIGHT...6500 FT AGL.
- * TRANSPORT WINDS...SOUTHWEST 13 TO 17 MPH IN THE MORNING INCREASING TO NORTHWEST 23 TO 27 MPH IN THE AFTERNOON.
- * CWR (> 0.10 IN)...20 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

- .SATURDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 40 TO 48. HIGHS 74 TO 79 VALLEYS...66 TO 76 MOUNTAINS. EAST WIND 3 TO 7 MPH.
- .SUNDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 42 TO 49. HIGHS 76 TO 86. SOUTHEAST WIND 3 TO 7 MPH.
- .MONDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 49 TO 56. HIGHS 75 TO 85. SOUTHWEST WIND 3 TO 7 MPH.
- .TUESDAY...PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS. AREAS OF SMOKE. LOWS 48 TO 54. HIGHS 72 TO 81.
- .WEDNESDAY...MOSTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND



THUNDERSTORMS. AREAS OF SMOKE. LOWS 50 TO 55. HIGHS 70 TO 79.

.8 TO 14 DAY OUTLOOK FOR AUG 27 - SEP 02, 2015

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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WAZ673-201345-

EAST WASHINGTON NORTHERN COLUMBIA BASIN (ZONE 673)-
INCLUDING THE CITIES OF...WATERVILLE...WILBUR...RITZVILLE...
MOSES LAKE

249 PM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT UNTIL 11 PM PDT FRIDAY...

.TONIGHT...

* SKY/WEATHER...MOSTLY CLEAR. SMOKE IN THE EVENING...THEN AREAS OF
SMOKE OVERNIGHT.

* LAL...1.

* MIN TEMPERATURE...58-65.

* 24 HR TREND...1 DEGREE WARMER.

* MAX HUMIDITY...45-60 PERCENT.

* 24 HR TREND...UNCHANGED.

* HUMIDITY RECOVERY...POOR.

* 20-FOOT WIND...SOUTHWEST WEST 5 TO 8 MPH. WEST OF MOSES LAKE
WEST 10 TO 15 MPH WITH GUSTS TO AROUND 25 MPH.

* HAINES INDEX...5 MODERATE.

* MIXING HEIGHT...NEAR SURFACE.

* TRANSPORT WINDS...WEST 10 TO 15 MPH.

* CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

* SKY/WEATHER...SUNNY. AREAS OF SMOKE THROUGH THE DAY. PATCHY
BLOWING DUST IN THE AFTERNOON.

* LAL...1.

* MAX TEMPERATURE...86-91.

* 24 HR TREND...5 DEGREES COOLER.

* MIN HUMIDITY...11-21 PERCENT.

* 24 HR TREND...2 PERCENT WETTER.

* 20-FOOT WIND...SOUTHWEST 9 TO 16 MPH. GUSTS UP TO 30 MPH IN THE
AFTERNOON.

* HAINES INDEX...5 MODERATE.

* MIXING HEIGHT...7500 FT AGL.

* TRANSPORT WINDS...SOUTHWEST 10 TO 15 MPH.

* CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY NIGHT...

* SKY/WEATHER...PARTLY CLOUDY. AREAS OF SMOKE AND PATCHY BLOWING



DUST.

- * LAL....1.
- * MIN TEMPERATURE...55-61.
- * MAX HUMIDITY...45-60 PERCENT.
- * HUMIDITY RECOVERY...POOR.
- * 20-FOOT WIND...WEST 10 TO 15 MPH WITH GUSTS TO AROUND 30 MPH.
- * HAINES INDEX...4 LOW.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...WEST 15 TO 20 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.FRIDAY...

- * SKY/WEATHER...MOSTLY SUNNY. AREAS OF SMOKE AND BLOWING DUST.
- * LAL....1.
- * MAX TEMPERATURE...75-80.
- * MIN HUMIDITY...14-24 PERCENT.
- * 20-FOOT WIND...NORTHWEST 15 TO 20 MPH WITH GUSTS TO AROUND 40 MPH.
- * HAINES INDEX...3 VERY LOW.
- * MIXING HEIGHT...7500 FT AGL.
- * TRANSPORT WINDS...NORTHWEST 13 TO 17 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

.SATURDAY...CLEAR. AREAS OF SMOKE. LOWS 50 TO 56. HIGHS 78 TO 83.
NORTH WIND 3 TO 7 MPH.

.SUNDAY...CLEAR. AREAS OF SMOKE. LOWS 51 TO 56. HIGHS 85 TO 90.
EAST WIND 3 TO 7 MPH.

.MONDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 54 TO 60. HIGHS
84 TO 89. SOUTHWEST WIND 3 TO 7 MPH.

.TUESDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 52 TO 57. HIGHS
81 TO 86.

.WEDNESDAY...PARTLY CLOUDY. AREAS OF SMOKE. LOWS 54 TO 59. HIGHS
79 TO 84.

.8 TO 14 DAY OUTLOOK FOR AUG 27 - SEP 02, 2015

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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WAZ674-201345-

EAST WASHINGTON PALOUSE AND SPOKANE AREA (ZONE 674)-
INCLUDING THE CITIES OF...SPOKANE...CHENEY...DAVENPORT...PULLMAN
249 PM PDT WED AUG 19 2015

...RED FLAG WARNING IN EFFECT FROM 11 AM THURSDAY TO 11 PM PDT
FRIDAY...



.TONIGHT...

- * SKY/WEATHER...MOSTLY CLEAR. SMOKE.
- * LAL....1.
- * MIN TEMPERATURE...55-61.
- * 24 HR TREND...2 DEGREES WARMER.
- * MAX HUMIDITY...45-60 PERCENT.
- * 24 HR TREND...UNCHANGED.
- * HUMIDITY RECOVERY...POOR.
- * 20-FOOT WIND...SOUTHWEST 4 TO 8 MPH IN THE EVENING BECOMING VARIABLE 2 TO 5 MPH OVERNIGHT.
- * HAINES INDEX...4 LOW.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...SOUTHWEST 5 TO 10 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY...

- * SKY/WEATHER...SUNNY. SMOKE IN THE MORNING...THEN AREAS OF SMOKE AND PATCHY BLOWING DUST IN THE AFTERNOON.
- * LAL....1.
- * MAX TEMPERATURE...83-90.
- * 24 HR TREND...6 DEGREES COOLER.
- * MIN HUMIDITY...12-22 PERCENT.
- * 24 HR TREND...3 PERCENT WETTER.
- * 20-FOOT WIND...SOUTHWEST 10 TO 15 MPH. GUSTS UP TO 20 MPH IN THE MORNING INCREASING TO 30 MPH IN THE AFTERNOON.
- * HAINES INDEX...4 LOW.
- * MIXING HEIGHT...7000 FT AGL.
- * TRANSPORT WINDS...SOUTHWEST 15 TO 20 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.THURSDAY NIGHT...

- * SKY/WEATHER...MOSTLY CLEAR. AREAS OF SMOKE AND PATCHY BLOWING DUST.
- * LAL....1.
- * MIN TEMPERATURE...53-58.
- * MAX HUMIDITY...45-55 PERCENT.
- * HUMIDITY RECOVERY...POOR.
- * 20-FOOT WIND...SOUTHWEST 8 TO 15 MPH WITH EVENING GUSTS TO AROUND 30 MPH.
- * HAINES INDEX...5 MODERATE.
- * MIXING HEIGHT...NEAR SURFACE.
- * TRANSPORT WINDS...SOUTHWEST 18 TO 22 MPH.
- * CWR (> 0.10 IN)...0 PERCENT.

.FRIDAY...

- * SKY/WEATHER...MOSTLY SUNNY. AREAS OF BLOWING DUST.
- * LAL....1.
- * MAX TEMPERATURE...73-79.
- * MIN HUMIDITY...17-27 PERCENT.



* 20-FOOT WIND...SOUTHWEST 13 TO 18 MPH WITH GUSTS TO AROUND 35 MPH.
* HAINES INDEX...2 VERY LOW.
* MIXING HEIGHT...7000 FT AGL.
* TRANSPORT WINDS...WEST 15 TO 20 MPH.
* CWR (> 0.10 IN)...0 PERCENT.

.FORECAST DAYS 3 THROUGH 7.....

.SATURDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 46 TO 52. HIGHS
77 TO 83. NORTHEAST WIND 3 TO 7 MPH.

.SUNDAY...CLEAR. AREAS OF SMOKE. LOWS 48 TO 53. HIGHS 85 TO 91.
EAST WIND 3 TO 7 MPH.

.MONDAY...MOSTLY CLEAR. AREAS OF SMOKE. LOWS 53 TO 59. HIGHS
84 TO 91. SOUTHWEST WIND 3 TO 7 MPH.

.TUESDAY THROUGH WEDNESDAY...PARTLY CLOUDY. AREAS OF SMOKE. LOWS
50 TO 57. HIGHS 78 TO 87.

.8 TO 14 DAY OUTLOOK FOR AUG 27 - SEP 02, 2015

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION.

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5. Fire Weather Forecast No 16 for 8-19 IAP Black Canyon Fire.

FIRE WEATHER FORECAST

FORECAST NO. 16

Wolverine/Blankenship/Chelan Complex

NAME OF FIRE First Creek/Black Canyon & McFarland Creek PREDICTION FOR: Wednesday, August 19, 2015

UNIT: Okanogan-Wenatchee National Forest

TIME AND DATE

FORECAST ISSUED: 2000 Tuesday 8/18/15

SIGNED:


Incident Meteorologists

WEATHER DISCUSSION: Very warm temperatures along with low relative humidities will be seen Wednesday ahead of a system that is expected to move through the region Thursday and Friday. Northwest winds will start to increase late Wednesday and become stronger Thursday and Thursday night. A cold front will move through the region early Friday morning bringing with it very little moisture...however there will be a slight chance of thunderstorms Friday.

*****Red Flag Warning for Hot...Dry and Unstable Conditions from 1100 Wednesday to 1700 Friday***
Gusty Northwest Winds Thursday...Thursday Night and Friday...**

WEDNESDAY:

WEATHER: Mostly Sunny.

MAXIMUM TEMPERATURE: 88 to 93 from 1000 to 3000 ft and 75 to 80 ridges from 6000 to 8000 ft.

MINIMUM RELATIVE HUMIDITY: 14 to 19% 1000 to 3000 ft and 23 to 28% from 6000 to 8000 ft.

20 FOOT WINDS:

Lake Chelan and Adjacent Slopes...Light Northwest 3 to 5 mph in the morning...becoming South 8 to 12 mph after 1000...then shifting to the Northwest 15 to 20 mph after 1700.

Railroad Creek area including Holden...West 3 to 5 mph in the morning...becoming East 7 to 10 mph after 1000. Then becoming West 12 to 17 mph after 1500.

Stehekin...Northwest 3 to 5 mph becoming Southeast 5 to 8 mph after 1000. Winds shifting Northwest 10 to 15 mph after 1500.

Chelan Complex...Southeast to South 4 to 7 mph...becoming southwest 8 to 10 mph after 1500. Winds shifting to the Northwest 10 to 15 mph after 1700.

First Creek...Northwest 3 to 5 mph...becoming Southeast 8 to 10 mph by 1100. Winds shifting Northwest 10 to 15 mph after 1700.

Black Canyon and McFarland Creek...East/Southeast 6 to 8 mph becoming West/Northwest 10 to 15 mph after 1700.

STABILITY: Valley inversions lifting in the morning by 1000. Unstable in the afternoon.

HAINES INDEX: 5

CHANCE OF WETTING RAIN: 0%

LAL: 1

WEDNESDAY NIGHT:

WEATHER: Clear.

MINIMUM TEMPERATURE: Lows 65 to 70 from 1000 to 3000 ft and 52 to 57 from 6000 to 8000 ft.

MAXIMUM RELATIVE HUMIDITY: 30 to 40% valleys and ridges.

20 FOOT WINDS: Northwest 10 to 15 mph with local gusts to 20 mph.

STABILITY: Shallow valley inversions.

HAINES INDEX: 5

CHANCE OF WETTING RAIN: 0%

LAL: 1

THURSDAY: Mostly Sunny and Windy. Northwest winds 15 to 25 mph with gusts 30 to 35 mph. Highs 85 to 90 valleys and 70 to 75 ridges. Lows 65 to 70 valleys and 55 to 60 ridges. Minimum relative humidities 17 to 22% valleys and 25 to 30% ridges. Maximum humidity recovers 30 to 40% valleys and 40 to 50% ridges. Unstable through the day. Haines: 5-6.

OUTLOOK FOR FRIDAY THROUGH SUNDAY: Gusty northwest winds Friday along with cooler temperatures along with a slight chance of thunderstorms. Winds will diminish Saturday and Sunday as high pressure builds into the region. Highs Friday 78 to 83 valleys and 60 to 65 ridges with minimum RH values 20 to 25%. Highs Saturday and Sunday 80 to 85 with minimum RH values of 20 to 35%.

There are 2 Incident RAWS located near the Wolverine Fire:

Round Mountain (iRAWS-22) at 1594 ft on a knob across Lake Chelan from the fire and on **Big Hill (iRAWS-23)** at 6820 ft south of the Wolverine fire. The stations can be accessed by using frequency 163.350 and entering 0022 (Round Mountain), 0023 (Big Hill). These stations and other nearby RAWS can also be accessed using the QR code to the right. The distances listed are relative to Chelan.

