

Hough Complex

CA-PNF-001324

(0511) P5HV99

AUGUST 25, 2013

Day Operational Period

0600 - 1800

| | | | |
|----------------------------|-----------------------------------|------------------------------|--------------------------|
| Incident Objectives | 1. Incident Name HOUGH COMPLEX | 2. Date Prepared 08/24/13 | 3. Time Prepared 1343 |
|----------------------------|-----------------------------------|------------------------------|--------------------------|

4. Operational Period
08/25/13 Sunday Day Shift 0600 - 1800

5. General Control Objectives for the incident (include alternatives)

Management Objectives

1. Provide for firefighter and public safety as the highest priority.
2. Provide and coordinate protection of structures, timber lands, and infrastructure on public and private lands within the complex.
3. Provide timely information, notification and communications regarding fire activity and effects on air quality.
4. Minimize effects of fire and fire suppression activities on sensitive resources through effective use of resource advisors and close collaboration with cooperators and administering agencies.
5. Resource advisors and close collaboration with cooperators and administering agencies.
6. Maintain a high level of collaboration with local communities, neighboring and cooperating agencies.
7. Minimize disruption to local economies with local communities, neighboring and cooperating agencies.
8. Provide IA response and resources for new starts through the Central Coast Incident Commander.

Control Objectives

Suppress fires within the complex in the smallest area that can be safely accomplished with available resources.


6. Weather Forecast for Period
See Attached Weather Forecast

7. General Safety Message
See Attached Safety Message

8. Attachments (mark if attached)

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Organization List - ICS 203 | <input type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> Fire Behavior Forecast |
| <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 | <input checked="" type="checkbox"/> Safety Message | <input type="checkbox"/> Fire Information Message |
| <input checked="" type="checkbox"/> Communications Plan - ICS205 | <input type="checkbox"/> Traffic Plan | <input checked="" type="checkbox"/> Fire Weather Forecast |
| <input checked="" type="checkbox"/> Medical Plan - ICS 206 | <input checked="" type="checkbox"/> Incident Objectives - ICS 202 | <input checked="" type="checkbox"/> Human Resources Message |
| <input checked="" type="checkbox"/> Air Operations Summary - ICS 220 | <input checked="" type="checkbox"/> Incident Safety Analysis - ICS 215 | <input checked="" type="checkbox"/> Unit Log ICS - 214 |

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| 9. Prepared by (Planning Section Chief) Steve Anderson PSC2 | 10. Approved by (Incident Commander) Mark Nunez ICT2 |
|---|--|

| ORGANIZATION ASSIGNMENT LIST | | 9. Operations Section | |
|--|---------------------------------|--|-----------------------------------|
| 1. Incident Name HOUGH COMPLEX | | Operations Chief (Day) | JOHN ABELL / MARK SMITH (T) |
| 2. Date Prepared 08/24/13 | | Planning Ops | VAN ARROYO (T) / MARK COURSON (T) |
| 3. Time Prepared 2036 | | a. Branch I - Division/Groups | |
| 4. Operational Period 08/25/13 Sunday Day Shift 0600 - 1800 | | Division/Group B / H | JAMES WETTSTAED; JOE TIESO (T) |
| Position | Name | Division/Group W | BERT PLANTE; MAEVE JUAREZ (T); |
| 5. Incident Commander and Staff | | Division/Group Y | KEITH AGGSON; DAN FREEH (T) |
| Incident Commander | MARK NUNEZ; MARK von TILLOW (T) | Division/Group IA | LEON JEFFREY |
| Deputy | DANA D'ANDREA | Division/Group | |
| Safety Officer | TOM ZEULNER | Division/Group | |
| Information Officer | HELEN TARBET; MANUEL MADRIGAL | Division/Group | |
| Liaison Officer | MCGREW; GRAHAM ; WALDRON(T) | b. Branch II - Division/Groups | |
| 6. Agency Representative | | Branch Director | |
| Agency | Name | Deputy | |
| AGENCY ADMINISTRATOR | KAREN HAYDEN; MICHAEL DONALD | Division/Group | |
| CALFire | JIM BARRY | Division/Group | |
| FOREST SAFETY OFFICER | LEE MERCER | Division/Group | |
| PLUMAS NF FIRE CHIEF | STEVE MILLERT | Division/Group | |
| OES | JOHN CLARY | Division/Group | |
| 7. Planning Section | | c. Branch III - Division/Groups | |
| Chief | ANN MARX | Branch Director | |
| Deputy | STEVE ANDERSON | Deputy | |
| Resources Unit | BILL BRICKEY ; PAT CAPRIOLI | Division/Group | |
| Situation Unit | JOHN GERMANETTI; MIKE HELD | Division/Group | |
| Documentation Unit | DEBRA RIOS | Division/Group | |
| Demobilization Unit | DENA FOOSE | Division/Group | |
| Fire Behavior Analyst | STEWART TURNER | Division/Group | |
| Human Resource Specialist | CYNDIE GENZMER | d. Air Operations Branch | |
| Training Specialist | DOUG DICKSON ; TONY AYALA (T) | Air Operations Branch Director | BRAD JOOS |
| GIS Specialist | M.FLEISCHER/W.RANNALS/S.POWELL | Helibase Manager | CURT WARNER |
| Computer Specialist | SCOTT DANIELS | Air Attack Supervisor | JASON WITHROW |
| IMET | MIKE SMITH | Air Support Supervisor | AL DRIESBACH |
| | | Helicopter Coordinator | |
| | | Air Tanker Coordinator | |
| 8. Logistics Section | | 10. Finance Section | |
| Chief | TOM CRAKES | Chief | BONNY JOHNSON (T) |
| Deputy | JERRY BEAN | Deputy | |
| Supply Unit | JOHN HARKLEROAD | Time Unit | CASEY BRYSON |
| Facilities Unit | SCOTT GARDNER / MIKE FARMER (T) | Procurement Unit | |
| Ground Support Unit | VIC MUZYKA / JOHN SAUNDERS | Compensation/Claims Unit | MILLIE FERGUSON |
| Communications Unit | DAVID PASCHKE | Cost Unit | |
| Medical Unit | ROBERT ETHRIDGE/TYE JOHNSON (T) | Prepared by (Resource Unit Leader) | |
| Security Unit | | BILL BRICKEY (RESL)  | |
| Food Unit | KERRY KELLOGG | | |



INCIDENT Weather Forecast



FORECAST NO: 8

NAME OF FIRE: Hough Complex

PREDICTION FOR: Sunday Day SHIFT

UNIT: Hough RD, Plumas NF

SHIFT DATE: Aug 25, 2013

SIGNED: Mike Smith

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1900 Aug 24, 2013

WEATHER DISCUSSION: An upper level trough and weak frontal band moving into northwest California will bring breezy southwest winds to the fire area from late morning into the evening hours. On north and east aspects...this could translate to fairly variable winds due to eddie effects. Humidity values will come up a bit with a slight cool down but conditions will become a bit more unstable. Inversions will be fairly shallow tonight due to decreased stability and increased upper level winds but surface winds should drop off by late evening. Another weak frontal system dropping into the eastern Pacific will keep winds on the breezy side on Monday as well with slightly elevated humidity continuing.

*** Breezy ridge winds afternoons and evenings ***

WEATHER FORECAST:

WEATHER: Partly to mostly cloudy skies. Smokey in the canyons through mid morning.

TEMPERATURES: Maximum temperatures 80 to 86.

HUMIDITY: Minimum humidity 20-25%.

20 FT WINDS:

RIDGETOP – Ridge winds south to southwest to 5 with occasional gusts to 10 mph increasing after about 1000 with afternoon winds southwest 9-15 mph with gusts up to 20 mph. Some gusts up to 25 mph in the late afternoon. Slightly lighter winds below 5000 feet.

SLOPE/VALLEY – Downslope to downcanyon to 5 mph through about 1000 then winds mainly upslope to upcanyon 3-8 mph but variable with occasional southwest gusts to 15 mph. For upper south slopes...winds southwest 5 to 10 mph with occasional gusts to 15 mph in the afternoon. More variable winds on upper north slopes due to eddy effects.

STABILITY/INVERSION: Shallow morning inversions clearing by mid morning. Slightly less stable conditions.

OUTLOOK FOR Sunday Night: Partly to mostly cloudy skies. Shallow inversions settling in by late evening. Minimum temperatures 42-50. Max RH recovery 65 to 75% mid and upper slopes to 80% plus lower elevations. Ridge winds decreasing after sunset becoming south to southwest to 5 mph with occasional gusts to 10 mph by midnight. Slope winds becoming downslope to downcanyon to 5 mph after midnight.

Extended Forecast FOR Monday: Partly cloudy in the morning becoming mostly sunny. Max Temps 83 to 90. Min RH 18 to 24%. Upper ridge winds becoming southwest 8-15 mph gusts to 20 mph. Slope winds becoming upslope to upcanyon 3-8 mph with southwest gusts to 15 mph. Variable winds on North slopes.

EXTRA INFORMATION: Sunrise 6:24 Sunset 7:47

FIRE BEHAVIOR FORECAST

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|------------------------------|--|
| FORECAST NUMBER: 11 | TYPE OF FIRE: Wildfire |
| FIRE NAME: Hough Complex | OPERATIONAL PERIOD: Day Shift 8/25/2013 |
| DATE ISSUED: August 24, 2013 | TIME ISSUED: 2200 |
| UNIT: Plumas National Forest | SIGNED: Stewart Turner FBAN, Drew Page FBAN(T) |

INPUTS

WEATHER SUMMARY:

| | | |
|-------------------------|----------------------------------|---|
| Sky | Partly Cloudy | Expect slightly cooler temperatures today due to partial cloud cover. Relative Humidity will be lower, but probability of ignition still remains marginal to high when fine dead fuel are at the lowest around 1500 hrs. Winds will be gusting higher today out of the Southwest. |
| Winds | SW 9-15 MPH Gust up to 25 MPH | |
| Temperatures | 80°-86°F | |
| Relative Humidity | 20-25 % | |
| P(ig) | 75% | |
| Fine Dead Fuel Moisture | 4% | |
| LAL | 1 | |
| Chance of wetting rain | 0% | |

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Today expect another day of drying and consumption of available fuels, with stronger winds but cooler temperatures.

SPECIFIC:

Ridge/Johnson:

Overall fire activity is expected to remain low, existing mostly as a smoldering-type fire in the surface fuels and partially decomposed larger size down woody debris. Smoldering fire that spreads underneath scattered accumulations of smaller size fuels may result in some flames but chance for any extensive fire spread and/or tree torching activity is low. Fires with open flame have potential to creep if there is dead down fuels with at least a 50% amount of smaller size particles (3 inches and under).

Initial attack:

Hold overs are still expected to be present in the response area. Be mindful that fuel moisture is low at 4% and stronger winds are forecasted with gust up to 25 MPH. Fire behavior will be dependent on fuels, weather and topography, so gain good situational awareness prior to suppression of any new starts. On exposed steep terrain that have alignment with SW winds, expect these rates of spread:

GR5 @ 68 Chains per hour. With flame lengths of 10 feet

TU5 @ 26 Chains per hour. With flame lengths of 12 feet

TL6 @ 26 Chains per hour. With flame lengths of 6 feet

AIR OPERATIONS: With the inversion lifting around 1000 Hours any aviation resources will have good visibility for the remainder of the day, but may be impacted by smoke production from other fires.

SAFETY

Common Denominators of fire behavior on tragedy fires:

- Most incidents happen on the smaller fires or on isolated portions of larger fires.
- Most fires are innocent in appearance before unexpected shifts in wind direction and/or speed results in "flare-ups" or "extreme fire behavior." In some cases, tragedies occur in the mop-up stage.
- Flare-ups generally occur in deceptively light fuels, such as grass and light brush.
- Fires run uphill surprisingly fast in chimneys, gullies, and on steep slopes.
- Some suppression tools, such as helicopters or airtankers, can adversely affect fire behavior. The blasts of air from low flying helicopters and airtankers have been known to cause flare-ups.

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|---------------------------------|-----------|-----------------------------------|
| Division Assignment List | 1. Branch | 2. Division/Group B / H |
|---------------------------------|-----------|-----------------------------------|

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|--|---|
| 3. Incident Name HOUGH COMPLEX | 4. Operational Period 08/25/13 Sunday Day Shift 0600 - 1800 |
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|--------------------------|----------------------------------|-----------------------|---------------------------------|
| 5. Operations Personnel | | | |
| Operations Chief (Day) | JOHN ABELL / MARK SMITH (T) | Division/Group | JAMES WETTSTAED / JOE TIESO (T) |
| Operations Chief (Night) | | Air Attack Supervisor | JASON WITHROW |
| Planning Ops | VAN ARROYO (T); MARK COURSON (T) | Safety Officer | TOM ZEULNER |

| 6. Resources Assigned this Period | | | | | | |
|---|--------------------|--------------|------------|-------------------|------------------|--|
| Strike Team/Task Force/ Resource Designator | Leader | Num of Pers. | Trans. Y/N | Drop Off PT./Time | Pick Up PT./Time | |
| ENGINE T3 CA SRF 32 | NICHOLSON | 5 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| ENGINE T3 CA SRF 23 | DAVIS | 5 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| ENGINE T3 WA MSF 322 | SMITH | 5 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| ENGINE T6 GH RANCH (E-4) | FOLEY | 3 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| ENGINET6 FIRESTORM 9908 (E-22) | NEWITT/ WILLIS (T) | 3 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| WT T2 CA TNF 22 | LOW | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| WT T2 BRUNER (E-13) | BRUNER | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| SOF2 | DAVE MORTON | | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| EMTP | CASEY MAYFIELD | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
| FEMT | BRINSENDINE | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 | |
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7. Control Operations

MOP UP 300' WHERE APPROPRIATE.

8. Special Instructions

KEDDIE: 12 ac., RUBY: 1 ac., COOKS: .25 ac., EVANS: 15 ac., HUNT: 21 ac., MOUNTAIN: .5ac., BEARDSLEY: .1 ac., 32: .25 ac., DIXIE: 1 ac., PEERLESS: .1 ac., KESSLER: .1 ac., 34: 2 ac., NORTH: .1 ac., CEMETARY: 20' X 20' FIRES
BACKHAUL TRASH AND UNUSED EQUIPMENT.
REHAB / REPAIR HANDLINE WHERE POSSIBLE FOLLOWING REPAIR STANDARDS INCLUDED IN IAP, TO BE COORDINATED WITH RESOURCE ADVISOR.

| 9. Division/Group Communications Summary | | | | | | | |
|--|----------------|--------------------------------------|------|---------------|---------|---------------|---------|
| Function | Frequency - RX | Frequency - TX | Tone | System | Channel | System | Channel |
| Command | 170.5500 | 169.9000 | 5, 6 | FOREST NET | 1 | | |
| Tactical | 168.6000 | 168.6000 | | NIFC T3 | 2 | | |
| Logistics | | | | | | | |
| Air to Ground | 169.1500 | 169.1500 | | AIR/GROUND | 9 | | |
| Prepared by (Resource Unit Leader) | | Approved by (Planning Section Chief) | | Date Prepared | | Time Prepared | |
| BILL BRICKEY, RESL | | STEVE ANDERSON PSC2 | | 08/24/13 | | 1629 | |

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|---------------------------------|-----------------------|-------------------|
| Division Assignment List | 1. Branch W | 2. Division/Group |
|---------------------------------|-----------------------|-------------------|

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|--|---|
| 3. Incident Name HOUGH COMPLEX | 4. Operational Period 08/25/13 Sunday Day Shift 0600 - 1800 |
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|--------------------------|----------------------------------|---------------------------|---------------------------------|
| 5. Operations Personnel | | | |
| Operations Chief (Day) | JOHN ABELL / MARK SMITH (T) | Division/Group Supervisor | BERT PLANTE; MAEVE L JUAREZ (T) |
| Operations Chief (Night) | | Air Attack Supervisor | JASON WITHROW |
| Planning Ops | VAN ARROYO (T); MARK COURSON (T) | Safety Officer | TOM ZEULNER |

| 6. Resources Assigned this Period | | | | | | |
|---|--------------------|--------------|------------|-------------------|------------------|--|
| Strike Team/Task Force/ Resource Designator | Leader | Num of Pers. | Trans. Y/N | Drop Off PT./Time | Pick Up PT./Time | |
| CREW T2IA FIRESTORM 19 (C-19) | HOWARD/SARTAIN (T) | 20 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| CREW T2 HVP 60 (C-14) | MEDEIROS | 20 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| ENGINE T3 CA SRF 11 | BALENT | 5 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| ENGINE T3 CA SRF 342 | LAMPLEY | 5 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| WT T3 NORTH STATE | AUSTIN | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| WT T2 RC WATER | CHERRY | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| CARRICK, ALLEN J | ALLEN CARRICK | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| FALC | NOLAN BUCKINGHAM | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| FALC | PHILLIP DAW | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| FALC | RANDY SHAULIS | 2 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| SOFR | RON HEINBOCKEL | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| FEMT | CRAIG PETERSEN | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
| FEMT | FRANK CULHNO | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 | |
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| 7. Control Operations |
| MOP UP 300' WHERE APPROPRIATE. |

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| 8. Special Instructions |
| JOHNSON: 150 ac. |
| BACKHAUL TRASH AND UNUSED EQUIPMENT. REHAB / REPAIR HANDLINE WHERE POSSIBLE FOLLOWING REPAIR STANDARDS INCLUDED IN IAP, TO BE COORDINATED WITH RESOURCE ADVISOR. |

| 9. Division/Group Communications Summary | | | | | | | |
|---|----------------|---|------|------------|---------------------------|-----------------------|---------|
| Function | Frequency - RX | Frequency - TX | Tone | System | Channel | System | Channel |
| Command | 170.5500 | 169.9000 | 5, 6 | FOREST NET | 1 | | |
| Tactical Div/Group | 151.1375 | 151.1375 | | VTAC 11 | 4 | | |
| Logistics | | | | | | | |
| Air to Ground | 169.1500 | 169.1500 | | AIR/GROUND | 9 | | |
| Prepared by (Resource Unit Leader) BILL BRICKEY (RESL) | | Approved by (Planning Section Chief) STEVE ANDERSON (PSC2) | | | Date Prepared 08/24/13 | Time Prepared 1629 | |

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|---------------------------------|-----------|-------------------------------|
| Division Assignment List | 1. Branch | 2. Division/Group Y |
|---------------------------------|-----------|-------------------------------|

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|--|---|
| 3. Incident Name HOUGH COMPLEX | 4. Operational Period 08/25/13 Sunday Day Shift 0600 - 1800 |
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5. **Operations Personnel**

| | | | |
|------------------|----------------------------------|-----------------------|------------------------------|
| Operations Chief | JOHN ABELL / MARK SMITH (T) | Division/Group | KEITH AGGSON / DAN FREEH (T) |
| Operations Chief | | Air Attack Supervisor | JASON WITHROW |
| Planning Ops | VAN ARROYO (T); MARK COURSON (T) | Safety Officer | TOM ZEULNER |

6. **Resources Assigned this Period**

| Strike Team/Task Force/ Resource Designator | Leader | Num of Pers. | Trans. Y/N | Drop Off PT./Time | Pick Up PT./Time |
|---|----------------|--------------|------------|-------------------|------------------|
| CREW SHASTA LAKE IHC | LEE | 20 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| CREW T2IA FIRESTORM 18 (C-12) | HANKINS | 20 | N | BASE CAMP/0600 | BASE CAMP/0600 |
| S/T CA XAM 4025C | TAYLOR | 22 | N | BASE CAMP/0600 | BASE CAMP/0600 |
| S/T CA XME 2150C | THOMSEN | 17 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| DOZER T2 CA PNF 3 | SHEPHARD | 2 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| DOZER T2 CA SRF 4 | PILLOW | 2 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| WT T2 BENS | HALE | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| WT T2 CARNAHAM (E-5) | CARNAHAM | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| WT T2 GRUBBS (E-4) | PEARCE | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| WT T3 DEETS (E-74) | | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| SOFR | RON HEINBOCKEL | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| FEMT | CRAIG PETERSEN | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 |
| FEMT | FRANK CULHNO | 1 | N | BASE CAMP/0600 | BASE CAMP/1800 |
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7. **Control Operations**

MOP UP 300' WHERE APPROPRIATE.

8. **Special Instructions**

RIDGE / HEIGHT: 228 ac.,

BACKHAUL TRASH AND UNUSED EQUIPMENT.
REHAB / REPAIR HANDLINE WHERE POSSIBLE FOLLOWING REPAIR STANDARDS INCLUDED IN IAP, TO BE COORDINATED WITH RESOURCE ADVISOR.

9. **Division/Group Communications Summary**

| Function | Frequency - RX | Frequency - TX | Tone | System | Channel | System | Channel |
|---------------|----------------|----------------|------|------------|---------|--------|---------|
| Command | 170.5500 | 169.9000 | 5, 6 | FOREST NET | 1 | | |
| Tactical | 166.7750 | 166.7750 | | NIFC T6 | 5 | | |
| Logistics | | | | | | | |
| Air to Ground | 169.1500 | 169.1500 | | AIR/GROUND | 9 | | |

| | | | |
|--|--|---------------------------|-----------------------|
| Prepared by (Resource Unit Leader) BILL BRICKEY, RESL | Approved by (Planning Section Chief) STEVE ANDERSON, PSC2 | Date Prepared 08/24/13 | Time Prepared 1629 |
|--|--|---------------------------|-----------------------|

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|---------------------------------|------------------------|-------------------|
| Division Assignment List | 1. Branch IA | 2. Division/Group |
|---------------------------------|------------------------|-------------------|

| | |
|--|---|
| 3. Incident Name HOUGH COMPLEX | 4. Operational Period 08/25/13 Sunday Day Shift 0600 - 1800 |
|--|---|

5. Operations Personnel

| | | | |
|--------------------------|----------------------------------|-----------------------|---------------|
| Operations Chief | JOHN ABELL / MARK SMITH (T) | Division/Group | LEON JEFFERY |
| Operations Chief (Night) | | Air Attack Supervisor | JASON WITHROW |
| Planning Ops | VAN ARROYO (T); MARK COURSON (T) | Safety Officer | TOM ZEULNER |

6. Resources Assigned this Period

| Strike Team/Task Force/ Resource Designator | Leader | Num of Pers. | Trans. Y/N | Drop Off PT./Time | Pick Up PT./Time |
|---|----------|--------------|------------|-------------------|-------------------|
| CREW H-506 | TURNER | 12 | N | BASE CAMP / 0600 | BASE CAMP / 1800 |
| ENGINE T3 CA PNF 24 | | 5 | N | GREENVILLE / 0700 | GREENVILLE / |
| ENGINE T3 CA PNF 323 | | 5 | N | QUINCY / 0600 | QUINCY / 1800 |
| ENGINE T3 CA PNF 26 | POLEN | 5 | N | GREENVILLE / 0700 | GREENVILLE / 1800 |
| ENGINE T3 BOHICA 31 | BREGLIA | 5 | N | BASE CAMP / 0700 | BASE CAMP / 2000 |
| ENGINE T3 GREENVILLE RANCHERIA | MANNING | 5 | N | BASE CAMP / 0600 | BASE CAMP / 1800 |
| ENGINE T6 CA PNF PATROL 22 | JUSKA | 2 | N | GREENVILLE / 0700 | GREENVILLE / 1800 |
| DOZER T2 CA KNF 1 | MURIEEN | 2 | N | GREENVILLE / 0700 | GREENVILLE / 1800 |
| DOZ T2 NORTH STATE (E-24) | GARSDIE | 1 | N | BASE CAMP / 0600 | BASE CAMP / 1800 |
| WT T2 CA PNF 2 | SHEPHARD | 1 | N | GREENVILLE / 0700 | GREENVILLE / 1800 |
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7. Control Operations

MAINTAIN READINESS FOR IA FROM ASSIGNED STATIONS.

8. Special Instructions

NOTE DROP OFF AND PICK UP POINTS.

9. Division/Group Communications Summary

| Function | Frequency - RX | Frequency - TX | Tone | System | Channel | System | Channel |
|---------------|----------------|----------------|------|------------|---------|--------|---------|
| Command | 170.5500 | 169.9000 | 5, 6 | FOREST NET | 1 | | |
| Tactical | 168.2000 | 168.2000 | | NIFC T2 | 8 | | |
| Logistics | | | | | | | |
| Air to Ground | 169.1500 | 169.1500 | | AIR/GROUND | 9 | | |

| | | | |
|---|---|---------------------------|-----------------------|
| Prepared by (Resource Unit Leader) BILL BRICKEY (RESL) | Approved by (Planning Section Chief) STEVE ANDERSON (PSC2) | Date Prepared 08/24/13 | Time Prepared 1629 |
|---|---|---------------------------|-----------------------|

AIR OPERATIONS SUMMARY

Prepared By: Joos/ Driesbach

Prepared Date: 8/24/13 Prepared Time: 2200

1. INCIDENT NAME: **Hough CPLX** 2. OPERATIONAL PERIOD DATE: 8/25/13 START TIME: 0800 END TIME: 2024 SUNRISE: 0622 SUNSET: 1952

| | | | | | | | |
|---|---------------|----------------|---------------------|-----------|------------------------------------|---|---|
| 3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): | | | | | | 4. MEDIVAC AIRCRAFT | 5. TFR: In Place A-35 |
| Visibility - Smoke. (Check with ATGS) Flight Hazards- Snags and tight dip sites and drop sites Cables and Powerlines across rivers Down Drafts from Thunderstorms Fly all missions with landing lights on. Keep foam and retardant out of waterways, including dry river beds. | | | | | | Incident medevac: Follow Hough Medical Plan | TFR for 119.075AM NOTAM 3/5045 40* 07' 12" 120* 52'06" 10,000' MSL @ 9NM centerpoint |
| On order: | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 6. PERSONNEL | NAME | Phone # | 7. FREQUENCY | AM | FM | 8. FIXED-WING Avail/Type/Make-Model/ FAA N# / Base(s) | |
| AOBD | Brad Joos | 805-886-6970 | Command Rptr | | 170.550 RX 169.900 TX Tone 6 | AA: 06 Chester CWN platform N1385L (Cessna 337) (without ATGS) | |
| ASGS | Al Driesbach | 805-703-0649 | | | | Air Tankers ; None assigned, needs coordinated thru Forest via Region | |
| ATGS | Jason Withrow | 530-206-6955 | RW A/A Tactics | 119.075 | | Lead Planes: | |
| ATGS | | | FW A/A Tactics | | 170.000 | | |
| | | | Air to Ground | | 169.150 | | |
| HEB1: HEB1 t: | Curt Warner | 805-478-1231 | DECK | | 163.100 | Helibase located at Quincy Airport | |
| Flight Following & TOLC | | | | | | National Guard AAML – Dan Hickey 916-798-3282 | |
| Ground to Air Emergency Only | | | Air Guard | | 168.6250 | | |
| Plumas ECC Dispatch | Barb | 530-283-7833 | | | | | |

Special Equipment:

- Crash Rescue
- Water Tenders- N/A
- Helo Operations Trailer

HELICOPTERS (Use Additional Sheets As Necessary)

| FAA N# | TY | MAKE/MODEL | BASE | AVAIL | START | REMARKS | FAA N# | TY | MAKE/MODEL | BASE | AVAIL | START | REMARKS |
|--------|-----|------------|----------------|-------|-------|---------|--------|----|------------|------|-------|-------|---------|
| H-506 | II | Bell 205 | Quincy Airport | 0730 | 0800 | A-29 | | | | | | | |
| | | | | | | | | | | | | | |
| H-553 | III | Bell 206 | Quincy Airport | 0730 | 0800 | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |

9. TASK/MSSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)

| TYPE/FUNCTION | NAME OF PERSONNEL OR CARGO OR INTSTRUCTIONS FOR TACTICAL AIRCRAFT | MISSION START | FLY FROM | FLY TO |
|---------------------------------|---|--------------------------|-----------------|--------|
| Air Tactical | Provide coverage as needed over incident by ATGS. ATGS to coordinate rotor and fixed wing A/C use and flight following over the fire. Monitor all divisions and new starts. | 0800 | Chester | Fire |
| Dropping Retardant: Air Tankers | FW air tankers as ordered by DIVS/OPS to ATGS. Support operations as necessary. | When requested | | Fire |
| Recon | Morning recons for Ops and Divs, once inversion lifts and clear air. Fly out of Johnson Ranch . Need helitack to staff helispot H-1 at the ranch | TBA | Johnson Ranch | Fire |
| Mapping/Infrared | Daily mapping flights. Use H-1 (N40 05.115 W120 52.102 Elev 3523ft) at Johnson Ranch | TBA | Johnson Ranch | Fire |
| Transport of Personnel | | | | |
| Cargo Transport | | | | |
| Dip Site Names and Locations | <u>Establish Dip Site Manager @ Assigned sites.</u> <u>Record times and gallons!!!</u> <u>Get Lat and Longs of all dip sites</u> | | Quincy Helibase | Fire |
| I.A. | Ship to be assigned per Helibase Mgr. ATGS to manage new starts with Ops and PNF ECC. | As requested through Ops | Quincy Helibase | IA |

Hough Complex – Safety Message

INCIDENT: # CA-PNF-001324

DATE: 08-25-13

TIME: 0600 – 1800 DAY

Major Hazards and Risks:

Environment

- Higher winds forecasted for Sun, 4 - 8 mph with occasional gusts to 12 mph in the late afternoon
- Temperatures warming with increasing wind activity
- Increasing fire behavior still a possibility
- Possible long range spotting
- Rugged steep terrain / Rolling rocks and other materials
- Watch for snags on the line, roads and in camp. Mark them and make them known to your crews!

Human Factors

- Fatigue – We are all tired so help look out for each other
- Complacency – Do not let your guard down/ stay vigilant
- When driving keep speeds at posted limits, seatbelts on and your headlights on
- Wash hands before eating and cover your mouth when you sneeze
- Dehydration due to increasing temperatures is a factor – drink plenty of fluids and pace yourselves
- Lookouts, Communication, Escape Routes and Safety Zones – make sure they are in place...
- Don't forget to get an anchor point on any initial attack fire

Animals, Insects and Other Pests

- Ticks (Lyme Disease), Bees (aggressive), Mice (Hanta Virus), Rattle Snakes, Mountain Lions and Bears
- Numerous Deer on public roads during early morning and early evenings trying to hit your vehicle

RESPECT

***Know your subordinates and look out for their well-being • Put the safety of your subordinates above all other objectives. • Take care of your subordinate's needs. • Resolve conflicts between individuals on the team. *Keep your subordinates informed • Provide accurate and timely briefings. • Give the reason (intent) for assignments and tasks. • Make yourself available to answer questions at appropriate times. *Build the team • Conduct frequent debriefings with the team to identify lessons learned. • Recognize individual and team accomplishments and reward them appropriately. • Apply disciplinary measures equally. *Employ your subordinates in accordance with their capabilities • Observe human behavior as well as fire behavior. • Provide early warning to subordinates of tasks they will be responsible for. • Consider team experience, fatigue, and physical limitations when accepting assignments.**




Hazardous Attitudes

- Invulnerable – That can't happen to us
- Anti-authority – Disregard of the team effort
- Impulsive – Do something even if it's wrong
- Macho – Trying to impress or prove something
- Complacent – Just another routine fire
- Resigned – We can't make a difference
- Group Think – Afraid to speak up or disagree.

Incident Safety Officers: Tom Zeulner SOF2 / Lee Mercer- Forest Safety Officer

HOUGH COMPLEX INCIDENT ANALYSIS (ICS 215a)

| DIV | HAZARDOUS ACTIONS / CONDITIONS | MITIGATIONS / WARNINGS / REMEDIES |
|-----|---|---|
| ALL | COMMUNICATIONS | <ul style="list-style-type: none"> • Maintain prompt communications with your forces, your supervisor and adjoining forces |
| ALL | MINES | <ul style="list-style-type: none"> • Stay on assignment , do not wander off • Focus on the terrain while walking • Stop often and look for irregularities in the terrain, - ex. Collapses GPS spot, contact division, flag it off and ensure others notified |
| ALL | HAZARD TREES | <ul style="list-style-type: none"> • Follow Hazard Tree Safety Guidelines IRPG p.20 • Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen. • Be especially alert around snags during wind events. • Check for hazard trees & "widow-makers. Look up and live. |
| ALL | HAZARDOUS WEATHER | <ul style="list-style-type: none"> • Keep informed on fire weather conditions and forecasts • Watch for changes in wind direction and intensity • Observe build-up of clouds and be ready for downdrafts |
| ALL | FIRE BEHAVIOR | <ul style="list-style-type: none"> • Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift. • Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. • Adhere to 10 Std Fire Orders, mitigate 18 situations that shout.... • Maintain Situational Awareness. LCES in place always. |
| ALL | FATIGUE | <ul style="list-style-type: none"> • Be alert for signs of fatigue and take breaks as necessary. • Maintain 2:1 work/rest ratio. • Monitor incoming resources for level of fatigue. • Drink plenty of fluids before, during and after your shift • Stay alert for signs of heat exhaustion |
| ALL | AIRCRAFT OPERATIONS | <ul style="list-style-type: none"> • Keep personnel out of drop zones. • Use air-to-ground frequency to communicate with aircraft. • Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective. • Don't engage in "heli-mopping" if possible. Eliminate unnecessary pilot exposure. |
| ALL | LINE CONSTRUCTION | <ul style="list-style-type: none"> • Utilize Risk Management Process IRPG p.1. • Ensure LCES in place prior to engagement IRPG p. 6. • Establish adequate safety zones IRPG p.7. • Use Downhill Line Checklist, IRPG p. 8. • Follow "Look Up, Look Down, Look Around" procedures IRPG p. 2-3 |
| ALL | INITIAL ATTACK | <ul style="list-style-type: none"> • Do the Risk Management process prior to any engagement, IRPG p.1 • LCES will be in place during any operation. • This country requires you to LOOK UP, LOOK DOWN AND AROUND. • The weather can change instantly, always be observant. • Base all actions on current and expected fire behavior • Possible long drive times to Initial Attack assignments |
| | <p style="text-align: center;">DATE PREPARED: August 24, 2013</p> | <p style="text-align: center;">OPERATIONAL PERIOD 0600 - 1800 DAY Shift 08/25/13</p> <p>Prepared by</p> <p style="text-align: center;">T. Zeulner SOF 2, Lee Mercer –Forest Safety Officer</p> |
| | <p style="text-align: center;">TIME PREPARED: 2100 hrs</p> | |

| INCIDENT RADIO COMMUNICATIONS PLAN | | | Incident Name Hough Complex | | | Date/Time Prepared 8/24/13 2030 HRS | | | Operational Period Date/Time 8/25/13 -0600-1800 | | |
|---|---------------|---|---------------------------------------|----------------|--|---|-------------|------|---|--|--|
| Ch # | Function | Channel Name/Trunked Radio System Talkgroup | Assignment | RX Freq N or W | RX Tone/NAC | TX Freq N or W | Tx Tone/NAC | Mode | Remarks | | |
| 1 | COMMAND | FOREST NET | ALL DIVISIONS | 170.5500 N | | 169.9000 N | | A | T5-Kettlerock/T6-Mt.Hough | | |
| 2 | TACTICAL | NIFC T3 | DIVISION B/H | 168.6000 N | | 168.6000 N | | A | | | |
| 3 | TACTICAL | NIFC T5 | DIVISION W | 166.7250 N | | 166.7250 N | | A | | | |
| 4 | TACTICAL | VTAC 11 | CONTINGENCY | 151.1375 N | | 151.1375 N | 156.7 | A | MUST USE T6 TO TX | | |
| 5 | TACTICAL | NIFC T6 | DIVISION Y | 166.7750 N | | 166.7750 N | | A | | | |
| 6 | TACTICAL | NIFC T7 | STR GRP | 168.2500 N | | 168.2500 N | | A | UNSTAFFED | | |
| 7 | TACTICAL | VTAC 13 | CONTINGENCY | 158.7375 N | | 158.7375 N | 156.7 | A | MUST USE T6 TO TX | | |
| 8 | TACTICAL | NIFC T2 | INITIAL ATTACK | 168.2000 N | | 168.2000 N | | A | | | |
| 9 | AIR TO GROUND | AIR/GRND | ALL DIVISIONS | 169.1500 N | | 169.1500 N | | A | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | CALCORD | Medical | CALCORD | 156.0750 N | | 156.0750 N | 156.7 | A | A/G MEDICAL EMERGENCIES TONE 6 | | |
| 16 | Air Guard |  Guard | ALL DIVISIONS | 168.6250 N | | 168.6250 N | 110.9 | A | Ground to Air EMERGENCY ONLY TONE 1 | | |
| 5. Prepared by (Communications Unit) David Paschke, COML | | | | | Incident Location County Plumas State CA Latitude N Longitude W | | | | | | |

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (Project 25) **Last Clone 08-22**

| | | | | | | | | | | | | | | |
|--|---|------------------------------|--------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------|--|---|--|--|--|
| MEDICAL PLAN ICS 206 | 1. INCIDENT NAME Hough Complex | 2. DATE PREPARED 08/24/13 | 3. TIME PREPARED 1930 | 4. OPERATIONAL PERIOD DATE / TIME 08/25/13 0600 - 1800 | | | | | | | | | | |
| 5. INCIDENT MEDICAL AID STATIONS | | | | | | | | | | | | | | |
| MEDICAL AID STATIONS | | | LOCATION | | PARAMEDICS | | | | | | | | | |
| | | | | | YES | NO | | | | | | | | |
| Medical Unit | | | Base Camp | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| | | | | | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| 6. TRANSPORTATION | | | | | | | | | | | | | | |
| A. MEDEVAC SERVICES | | | | | | | | | | | | | | |
| NAME | | LOCATION | | PHONE | PARAMEDICS | | | | | | | | | |
| | | | | | YES | NO | | | | | | | | |
| Mountain Life Lite 5 | | 650 Ash St. Susanville | | 530-257-2444 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Enloe Flight Care (NVG) | | Enloe Medical Center, Chico | | 800-344-1863 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| CHP Helicopter (Hoist) | | 2651 Gold St. Redding | | 530-225-2040 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Army National Guard (Hoist, NVG) | | Redding Airport, Redding Ca | | Hough Comm | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | |
| Raven – Washoe County Sheriff's (Hoist, NVG) | | Reno-Stead, Nv | | 775-785-4228 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| B. AMBULANCES | | | | | | | | | | | | | | |
| NAME | | LOCATION | | PARAMEDICS | | | | | | | | | | |
| | | | | YES | | NO | | | | | | | | |
| | | | | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | | | |
| | | | | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | | | |
| | | | | <input type="checkbox"/> | | <input type="checkbox"/> | | | | | | | | |
| 7. HOSPITALS | | | | | | | | | | | | | | |
| NAME | ADDRESS | TRAVEL TIME From ICP | | PHONE | HELIPAD | | BURN CENTER | | | | | | | |
| | | AIR | GROUND | | YES | NO | YES | NO | | | | | | |
| Plumas District Hospital Minor Trauma | 1065 Bucks Lane, Quincy, Ca. N39° 56.41' x W120° 57.72' | 15 Min | 40 Min | 530-283-2121 (ER) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | |
| Enloe Medical Center Level 2 | 1531 Esplanade, Chico, Ca. N39° 44.78' x W121° 51.03' | 45 Min | 2 Hr | 916-786-3033 (ER) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | |
| UC Davis Medical Center Level 1 | 2315 Stockton Blvd. Sacramento N38° 33.2907', W121° 27.3771' | Min | 3 Hr | 916-734-3892 (ER) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | |
| Renown Health Medical Level 2 | 1155 Mill St. Reno N39° 13.6853' x W121° 2.8323' | 45 Min | 2 Hr | 775-982-4144 (ER) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | |
| 8. MEDICAL EMERGENCY PROCEDURES | | | | | | | | | | | | | | |
| <u>LINE EMERGENCY</u> Crew Supervisor to contact Division Supervisor with complaint and Location. <ul style="list-style-type: none"> • Division Supervisor Contacts: <ol style="list-style-type: none"> 1. Line EMT 2. Communications Unit • Communications Unit contacts: <ol style="list-style-type: none"> 1. Medical Unit 2. Operations 3. Air Operations / Helibase 4. Safety 5. Liaison • Division Supervisor will designate Point of Contact who will run emergency on command channel • Communication Unit will clear command channel for emergency traffic • Medical Unit <ol style="list-style-type: none"> 1. Arrange proper transportation 2. Notify receiving hospital of injury status. <u>BASE CAMP / ICP EMERGENCY</u> Contact Medical Unit with patient complaint/ condition and location. Medical Unit will respond to stabilize incident: <ul style="list-style-type: none"> • Medical Unit contacts: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1. Communications</td> <td style="width: 50%;">4. Operation</td> </tr> <tr> <td>2. Safety</td> <td>5. Crew Supervisor</td> </tr> <tr> <td>3. Logistic</td> <td></td> </tr> </table> | | | | | 1. Communications | 4. Operation | 2. Safety | 5. Crew Supervisor | 3. Logistic | | <u>INJURY REPORTING PROCEDURES</u> NATURE OF INJURY _____ LOCATION OF PATIENT _____ TRANSPORTATION REQUEST BY: AIR _____ GROUND _____ AIR FREQUENCY: <u>Medical (Ch 15 on Incident Radio)</u> POINT OF PICK UP _____ LAT _____ LONG _____ PATIENT UNIT ID _____ IS EMT WITH PATIENT: YES _____ NO _____ AGE: _____ SEX: MALE _____ FEMALE _____ History: _____ Medication: _____ Allergies: _____ Vitals and other information: _____ | | | |
| 1. Communications | 4. Operation | | | | | | | | | | | | | |
| 2. Safety | 5. Crew Supervisor | | | | | | | | | | | | | |
| 3. Logistic | | | | | | | | | | | | | | |
| 9. PREPARED BY (MEDICAL UNIT LEADER) | | | | | 10. REVIEWED BY (SAFETY OFFICER) | | | | | | | | | |
| Tye Johnson MEDL-T Medical: (530) 284-1047 | | | | | Tom Zeulner SOF2 | | | | | | | | | |

Appendix A

Effective Waterbars

When locating and building waterbars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not block** the water bar outlet. The length of the waterbar should extend a minimum of three feet beyond the fireline. Waterbars should drain into unburned vegetation or rocks.

Recommended spacing for waterbars on firelines.

| Fireline slope % | Maximum Distance Apart (feet) |
|------------------|-------------------------------|
| 1 – 5 | 200 |
| 6 – 20 | 125 |
| 21 – 40 | 60 |
| 41 – 60 | 40 |
| >60 | 25 |

Waterbars should be at least 2 pulaski (4-6 inches) widths wide and 12-24 inches high.

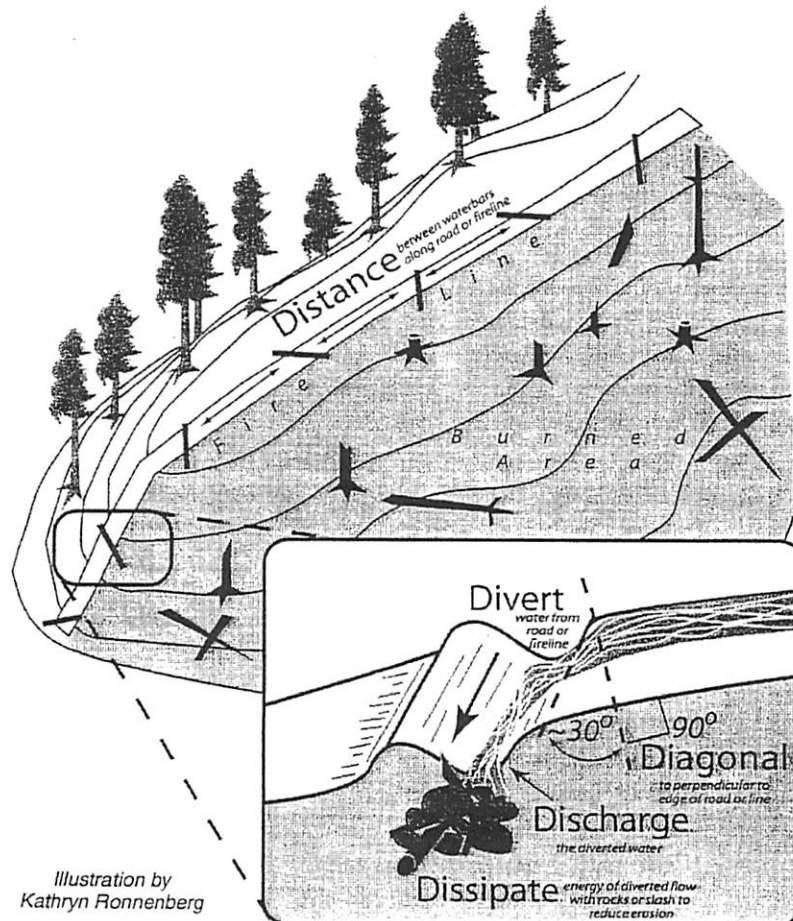


Illustration by Kathryn Ronnenberg

Appendix B

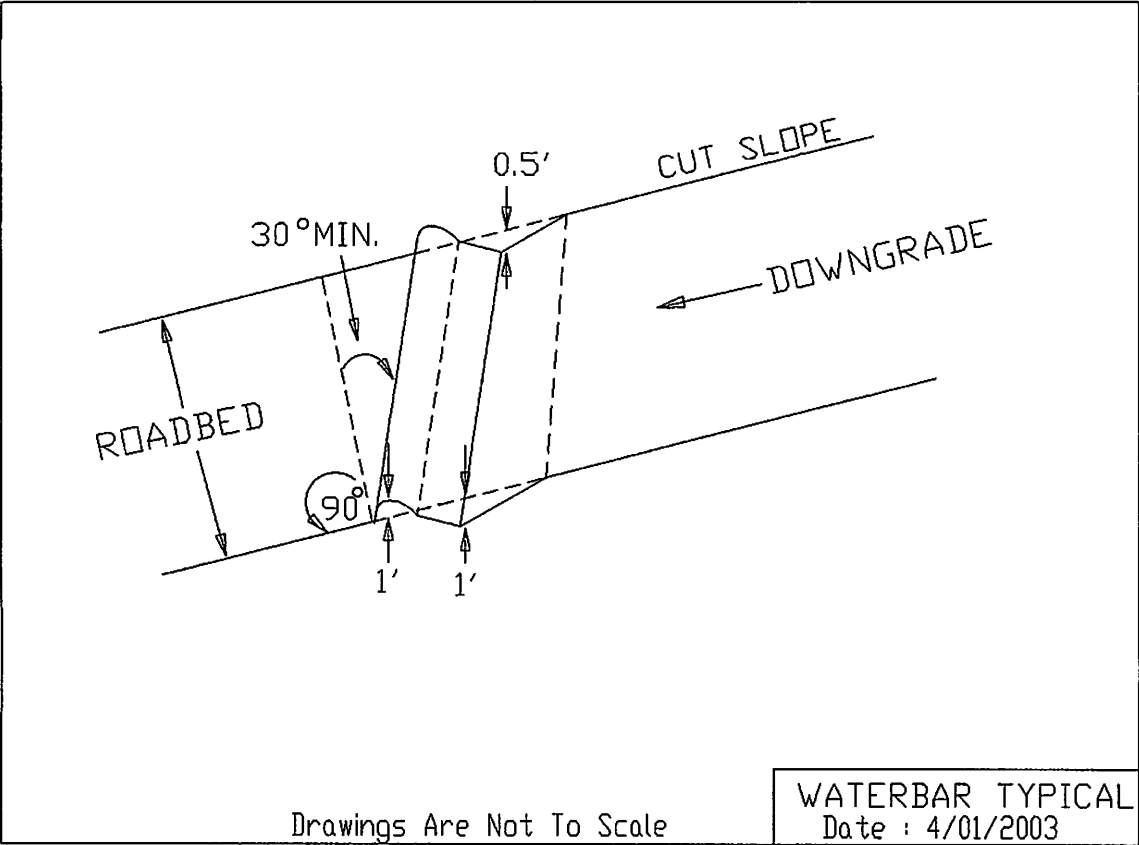
Waterbars Typical for Roads

Surface blading is keeping a native or aggregate roadbed in a condition to facilitate traffic and proper drainage. It includes maintaining the crown, inslope or outslope of Traveled Way, Turnouts and Shoulder; repairing Berms, blending Approach Road Intersections; and cleaning of Bridge Decks, Drainage Dips and Lead-off Ditches.

Key Specifications:

1. The surface blading shall preserve the existing cross section. Surface irregularities shall be eliminated and the surface left in a free draining state and to smoothness needed to facilitate traffic. Surface material which has been displaced from the Shoulders or Turnouts shall be returned to the Traveled Way. The blading operation shall be conducted to prevent the loss of surface material and to provide for a thorough mixing of the material being worked.
2. Water taken from Water Sources shall be applied during blading if sufficient moisture is not present to cut, mix or compact the surface material.
3. On native surfaced roads, material generated from backslope sloughing and ditch cleaning may be blended with the surface material being worked. On aggregate surfaced roads this material shall not be blended with surface or base course material unless otherwise agreed upon with the Forests.
4. Berms shall be repaired by placing material as needed to restore the berm to reasonably blend with existing line, grade, and cross section.
5. Drainage dips and lead-off ditches shall be cleaned and maintained to reasonably blend with existing line, grade and cross section.
6. Intersecting roads shall be bladed for a distance of 50 feet to assure proper blending of the two riding surfaces.
7. Rocks or other material on the Traveled Way after the final pass that are larger than 4 inches in diameter, or are larger than the maximum size of imported surfacing shall be removed from the Traveled Way. Do not side cast into streams, wetlands, lakes or water courses.
8. Material resulting from road work shall not remain on or in the structures, such as culverts, overside drains, cattle guards, ditches, Drainage Dips, and the like. Please report any damaged culverts or structures to your Division and the Resource Advisor or Agency Administrator.

Waterbars Typical for Roads



REGIONAL V INCIDENTS update:

CA-TNF American Fire: 23,729 acres, 67% contained. Expected containment 09/01/2013. IMT 1 (Opliger). Fire is actively burning in an old growth stand of timber with no recorded fire history. Increased fire activity as a result of warming temperatures. The northeastern portion of the fire remains active with moderate rates of spread in alignment with wind and slope. Single and group tree torching was observed along Cavanah Ridge and Deep Canyon. Backing fire from edge of firing operations continues to back into Deep Canyon at a slow rate of spread.

CA-SRF Corral Complex: 11,247 acres, 0% contained. Expected containment 10/01/2013. The fire remained more active last night and is anticipated to remain active tonight. Most of the activity is expected on the ridges and higher elevations with backing, creeping, and occasional short upslope runs. The areas with the highest potential for spread are the Tish Tang area, the Horse Linto area and the Trinity Mountain area.

CA-TGU Deer: 5,000 acres, 20% contained. Expected containment 08/28/2013. IMT 3 (Darnell). The fire is located 10 miles east of Los Molinos. Fire is actively burning in grass and brush and under 500KV Powerlines. Fire has established in the Dry Creek drainage and is well established on the east end of the Ishi Wilderness. CAL FIRE IMT 2 Cone is scheduled to in brief tonight at 2000 and the team will be taking the incident Sunday morning at 0700.

CA-SRF Butler: 20,770 acres, 39% contained. Expected containment 09/15/2013. IMT 1 (Quesinberry). Good progress was made on the west side of the fire south of Orleans Mountain Lookout to secure the line with ground and aerial ignition operations. A moist cold front with possible showers may impact fire spread throughout the day with minimal spread expected. A Red Flag Warning has been issued for the fire area for possible thunderstorm activity through 1700 on 8/25/2013.

CA-PNF Hough: 513 acres, 90% contained. Expected containment 08/24/2013. IMT 2 (Nunez). Nearing containment with limited fire activity expected. New starts and hold overs from lightning during the earlier weather system continue to be a concern. Crews will continue to patrol and mop up in the fire area.

CA-KNF Salmon River Complex: 14,547 acres, 95% contained. Expected containment 08/25/2013. IMT 2 (Wakoski). Crews observed an active backing surface fire with occasional torching. Crews will continue to mop up and patrol along constructed handlines.

CA-STF-2857 Rim Fire, Stanislaus National Forest. Tuolumne County 129,620 acres, 7% contained
Southern Area Blue Team (Wilkins) is in Unified Command with CALFIRE (Lawshe).

CA-BDF-11557 Little, San Bernardino National Forest, Riverside County
20+ acres, 0% contained
Fire burning at a rapid rate of spread

CA-STF-2857 Rim Fire., Stanislaus National Forest. Tuolumne County
Southern Area Blue Team (Wilkins) is in Unified Command with CALFIRE (Lawshe).
125,620 acres, 5% contained, 16,000 acres on the Yosemite National Park

CA-SQF-3295, Fish Fire, Sequoia National Forest. Golden Trout Wildemess, Tulare County Southwest Incident Management Type 2 Team (Reidy) Assigned.
300 to 400 acres, 0% containment
Fire in inaccessible area utilizing retardant to keep the fire in check.

CA-BDF-11417, Gobblers Fire., San Bernardino National Forest, San Bernardino County. Southern California Incident Management Team 1 (Walker) is in command. 354 acres, 65% contained Very active overnight. Potential concerns for flooding and debris flows from unstable weather patterns. **Windy Peak Fire** CA-KNP-00013, Sequoia Kings Canyon National Park, Fresno County North of the Middle Fork of the Kings River near Simpson Meadow and Windy Peak. 150 acres, 0% contained.

Hough Complex
HUMAN RESOURCE MESSAGE
August 25, 2013

BEHAVIOR

Inappropriate Behavior is addressed in the Fireline Handbook under Common Responsibilities.

"It is extremely important that inappropriate behavior be recognized and dealt with promptly. Inappropriate behavior is all forms of harassment including sexual and racial harassment. When you observe or hear of inappropriate behavior, you should:

- Express strong disapproval of these behaviors.
- Inform and educate subordinates of their rights and responsibilities.
- Provide support to the victim.
- Develop appropriate corrective measures.
- Report the incident to your supervisor if the behavior continues as disciplinary action may be required."

Maintain a positive attitude and ensure that everyone on the incident is treated with dignity and respect. It's the right thing to do.

Cyndie Genzmer 
Human Resource Specialist
805-550-0274

HOUGH COMPLEX PHONE LIST

| | |
|-------------------|--------------|
| IC / Safety | 530-284-7596 |
| Operations | 530-284-6685 |
| PIO | 530-284-7120 |
| PIO | 530-284-1815 |
| Resource / Demob | 530-284-1582 |
| Finance | 530-284-7068 |
| Med Unit | 530-284-1047 |
| Comm Unit | 530-284-1824 |
| Plans | 530-284-0823 |
| Supply / Ordering | 530-284-6238 |
| Situation | 530-284-1856 |
| Weather | 530-284-0915 |
| Ground Support | 805-558-6090 |
| Logistics | 805-878-1369 |
| Facilities | 323-855-0054 |

| | | | |
|-----------------|------------------|---------------------|---------------------|
| UNIT LOG | 1. INCIDENT NAME | 2. DATE PREPARED | 3. TIME PREPARED |
|-----------------|------------------|---------------------|---------------------|

| | | |
|---------------------------|------------------------------------|-----------------------|
| 4. UNIT NAME/DESIGNATORS. | 5. UNIT LEADER (NAME AND POSITION) | 6. OPERATIONAL PERIOD |
|---------------------------|------------------------------------|-----------------------|

7. **PERSONNEL ROSTER ASSIGNED**

| NAME | ICS POSITION | HOME BASE |
|------|--------------|-----------|
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8. **ACTIVITY LOG (CONTINUE ON REVERSE)**

| TIME | MAJOR EVENTS |
|------|--------------|
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