

**National Interagency Coordination Center
Incident Management Situation Report
Wednesday, July 7, 2021– 0730 MDT
National Preparedness Level 4**

National Fire Activity:

Initial attack activity:	Moderate (224 fires)
New large incidents:	9
Large fires contained:	7
Uncontained large fires: ***	30
Area Command teams committed:	0
NIMOs committed:	0
Type 1 IMTs committed:	5
Type 2 IMTs committed:	5

Nationally, there are 15 fires being managed under a strategy other than full suppression.

***Uncontained large fires include only fires being managed under a full suppression strategy.

[Link](#) to Geographic Area daily reports.

[Link](#) to Understanding the IMSR.

Two MAFFS C-130 airtankers and support personnel each from the 152nd Airlift Wing (Nevada Air National Guard) and one additional from the 146th Airlift Wing (California Air National Guard) have been deployed to McClellan, CA to support wildland fire operations nationally.

Active Incident Resource Summary							
GACC	Incidents	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel	Change in Personnel
AICC	3	72,491	7	10	3	235	9
NWCC	13	43,368	56	126	16	1,823	400
ONCC	6	50,939	110	260	32	4,198	213
OSCC	7	8,247	8	47	4	475	-150
NRCC	12	52,930	14	32	10	517	-84
GBCC	10	29,915	8	18	8	420	-59
SWCC	19	466,911	26	41	7	1,073	93
RMCC	8	23,009	9	54	10	523	115
EACC	0	0	0	0	0	0	0
SACC	2	8,080	0	5	0	8	7
Total	80	755,891	238	593	90	9,272	544

Northern California Area (PL 4)

New fires:	34
New large incidents:	1
Uncontained large fires:	6
Type 1 IMTs committed	3
Type 2 IMTs committed	1

Salt, Shasta-Trinity NF, USFS. IMT 1 (CA Team 2). Three miles south of Lakehead, CA. Chaparral, timber and short grass. Moderate fire behavior with flanking, backing and short-range spotting. Several communities, numerous residences and energy infrastructure threatened. Evacuations, area and road closures in effect.

Lava, Shasta-Trinity NF, USFS. IMT 1 (CA Team 1). Four miles east of Weed, CA. Timber, brush and short grass. Minimal fire behavior with creeping, smoldering and isolated torching. Area and road closures in effect.

Tennant, Klamath NF, USFS. IMT 2 (CA Team 15). Nine miles northwest of Tennant, CA. Timber and brush. Moderate fire behavior with backing, creeping and single tree torching. Numerous residences and infrastructure threatened. Evacuations, area, road and trail closures in effect.

Beckwourth Complex (2 fires), Plumas NF, USFS. IMT 1 (CA Team 4). Three miles northeast of Beckwourth, CA. Timber, brush and closed timber litter. Moderate fire behavior with uphill runs and torching. Structures threatened. Evacuations in effect.

***Juniper**, Modoc NF, USFS. Twenty-three miles north of Alturas, CA. Grass and timber. Moderate fire behavior with flanking, single tree torching and smoldering. Residences threatened. Area and road closures in effect.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Salt	CA-SHF	12,530	837	25	Ctn	7/15	1,595	452	42	95	8	41	9M	FS
Lava	CA-SHF	25,001	0	72	Ctn	7/12	990	-176	23	62	14	17	28.5M	FS
Tennant	CA-KNF	10,614	173	57	Ctn	7/31	875	-42	22	50	5	5	8.9M	FS
Beckwourth Complex	CA-PNF	1,160	0	68	Ctn	7/8	270	-32	6	14	1	0	2.4M	FS
* Juniper	CA-MDF	964	---	5	Ctn	7/10	306	---	8	26	0	0	400K	FS

Northwest Area (PL 3)

New fires:	47
New large incidents:	2
Uncontained large fires:	8
Type 1 IMTs committed	1
Type 2 IMTs committed:	3

Batterman Rd, Washington State Fire Marshal's Office. IMT 2 (NW team 12). Five miles east of Wenatchee, WA. Brush and short grass. Moderate fire behavior with flanking, backing and creeping. Structures threatened. Evacuations and road closures in effect.

* **Bootleg**, Fremont-Winema NF, USFS. IMT2 (NW team 10) mobilizing. Twenty-three miles east of Chiloquin, OR. Timber and brush. Extreme fire behavior with running, torching and spotting. Structures threatened. Evacuations and road closures in effect.

Jack, Umpqua National Forest, USFS. IMT 2 (NW Team 9) mobilizing. Thirty-one miles east of Roseburg, OR. Timber, closed timber litter and brush. Active fire behavior with group torching running and spotting. Evacuations, area and road closures in effect.

* **Andrus**, Northeast Region, DNR. Three miles northeast of Cheney, WA. Timber, short grass and brush. Active fire behavior with isolated torching, flanking and short-range spotting. Structures threatened. Evacuations and road closures in effect

Lewis Rock, John Day Unit, ODF. IMT 1 (ODF Team 3). Four miles south of Mitchell, OR. Short grass, timber and tall grass. Active fire behavior with creeping, single tree torching and smoldering.

Dixie Creek, John Day Unit, ODF. Three miles northwest of Prairie City, OR. Timber, brush and short grass. Moderate fire behavior with smoldering creeping and isolated torching. Structures threatened.

Rattlesnake, Warm Springs Agency, BIA. Twelve miles northeast of Warm Springs, OR. Short grass and brush. No new information. Last report unless new information is received.

S-503, Warm Springs Agency, BIA. Five miles southwest of Pine Grove, OR. Timber, brush and short grass. No new information. Last report unless new information is received.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Batterman Rd	WA-WFS	13,375	6475	20	Ctn	7/11	350	122	7	36	0	0	603K	ST
* Bootleg	OR-FWF	3,000	---	0	Ctn	7/27	46	---	0	13	0	0	300K	FS
Jack	OR-UPF	1,400	900	0	Ctn	7/28	192	94	7	7	4	0	2.5M	FS
* Andrus	WA-NES	300	---	0	Ctn	7/10	188	---	3	1	2	26	750K	ST
Lewis Rock	OR-952S	440	0	15	Ctn	7/11	405	103	17	10	4	0	1.5M	ST
Dixie Creek	OR-952S	541	0	75	Ctn	7/9	236	-5	7	7	1	0	366K	ST
Rattlesnake	OR-WSA	5,479	---	65	Ctn	7/8	140	---	5	12	2	0	600K	BIA
S-503	OR-WSA	6,680	---	97	Ctn	UNK	52	---	2	4	0	0	6.5M	BIA

Northern Rockies Area (PL 3)

New fires:	24
New large incidents:	2
Uncontained large fires:	4
Type 1 IMTs committed	1

* **Dixie**, Nez Perce-Clearwater NF, USFS. IMT 1 (NR Team 2) mobilizing. Two miles north of Dixie, ID. Timber. Extreme fire behavior with crowning, wind-driven runs and long-range spotting. Structures threatened. Area and road closures in effect.

Crooked Creek, Billings Field Office, BLM. Twenty-five miles east of Bridger, MT. Short grass, brush and timber. Minimal fire behavior with creeping and smoldering. Energy infrastructure threatened. Area, road and trail closures in effect.

Robertson Draw, Custer Gallatin NF, USFS. Seven miles south of Red Lodge, MT. Short grass, brush and timber. Minimal fire behavior with creeping and smoldering. Area, road and trail closures in effect.

Elkhorn, Dakota Prairie National Grasslands, USFS. Twenty-three miles north of Medora, ND. Short grass and brush. Minimal fire behavior with creeping and smoldering. Structures and energy infrastructure threatened. Trail closures in effect.

* **Jumbo**, Nez Perce-Clearwater NF, USFS. Eight miles west of Dixie, ID. Timber. Extreme fire behavior with crowning, wind-driven runs and long-range spotting. Structures threatened. Area, road and trail closures in effect. Last narrative report unless significant activity occurs.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Dixie	ID-NCF	5,000	---	25	Ctn	9/30	122	---	5	3	0	0	4M	FS
Crooked Creek	MT-BID	4,141	0	84	Ctn	7/21	47	-16	0	4	7	1	5.7M	BLM
Robertson Draw	MT-CGF	29,841	0	69	Ctn	7/7	115	-60	2	9	3	30	10.1M	FS
Elkhorn	ND-DPF	3,026	0	60	Ctn	7/9	11	-50	0	2	0	0	50K	FS
Deep Creek Canyon	MT-HLF	4,648	0	100	Ctn	---	12	0	0	2	0	7	5.7M	FS
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
* Jumbo	ID-NCF	1,000	---	0	Comp	9/30	0	---	0	0	0	0	25K	FS

HLF – Helena-Lewis and Clark NF, USFS

Southwest Area (PL 3)

New fires: 16
 New large incidents: 0
 Uncontained large fires: 4
 Type 2 IMTs committed: 1

Tiger, Prescott NF, USFS. IMT 2 (SW Team 3). Eleven miles east of Crown King, AZ. Tall grass and brush. Moderate fire behavior with wind-driven runs, uphill runs and flanking. Structures threatened. Area, road and trail closures in effect.

Bottom, San Carlos Agency, BIA. Seven miles west of Bylas, AZ. Short grass, brush and timber. Active fire behavior.

Rafael, Prescott NF, USFS. Three miles northeast of Perkinsville, AZ. Brush and timber. Minimal fire behavior with smoldering. Structures and infrastructure threatened. Area, road and trail closures in effect.

Pinnacle, Coronado NF, USFS. Thirteen miles south of Bylas, AZ. Short grass, brush and timber. Minimal fire behavior. Area, road and trail closures in effect.

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Tiger	AZ-PNF	12,133	136	0	Ctn	7/20	287	82	5	11	3	0	1.5M	FS
Bottom	AZ-SCA	4,828	173	80	Ctn	7/12	145	121	7	6	0	0	2M	BIA
Rafael	AZ-PNF	78,065	0	96	Ctn	7/15	12	-64	0	1	0	1	11M	FS
Pinnacle	AZ-CNF	34,437	0	90	Ctn	7/15	3	0	0	1	0	0	10.5M	FS
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Middle	AZ-TNF	428	26	15	Comp	7/20	35	0	1	1	0	0	25K	FS
Moore	AZ-ASF	798	-1,702	81	Comp	7/31	0	---	0	0	0	0	50K	FS
Johnson	NM-GNF	88,918	---	24	Comp	7/23	10	---	0	0	0	0	7.4M	FS
Midway	AZ-TNF	1,005	---	0	Comp	7/20	0	---	0	0	0	0	20K	FS
Bear	AZ-ASF	23,868	---	20	Comp	7/31	34	---	1	3	1	0	180k	FS
Drummond	NM-GNF	502	---	35	Comp	8/10	4	---	0	1	0	0	1.1M	FS
Hobo	AZ-ASF	600	---	100	Comp	---	0	0	0	0	0	0	100K	FS

TNF – Tonto NF, USFS ASF – Apache-Sitgreaves NF, USFS GNF – Gila NF, USFS

Southern California Area (PL 3)

New fires: 59
 New large incidents: 0
 Uncontained large fires: 2

Tumbleweed, Los Angeles County Fire Department. Thirty-four miles north of Santa Clarita, CA. Tall grass, chapparal and brush. Minimal fire behavior with smoldering. Area, road and trail closures in effect. Reduction in acreage due to more accurate mapping.

Willow, Los Padres NF, USFS. Fifteen miles southeast of Big Sur, CA. Chaparral, brush and tall grass. Minimal fire behavior with smoldering. Area, road and trail closures in effect.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Tumbleweed	CA-LAC	868	-132	88	Ctn	7/12	258	-97	4	25	0	0	2.4M	CNTY
Willow	CA-LPF	2,877	0	92	Ctn	7/11	9	0	0	0	1	0	8.5M	FS
Inyo Creek	CA-INF	592	---	100	Ctn	---	4	-53	0	0	0	0	6M	FS

INF – Inyo NF, USFS

Great Basin Area (PL 3)

New fires: 14
 New large incidents: 0
 Uncontained large fires: 2

East Fork, Humboldt-Toiyabe NF, USFS. Fourteen miles south of Gardnerville, NV. Timber and brush. Minimal fire behavior with isolated torching, backing and smoldering. Structures threatened. Area and road closures in effect.

Morgan Canyon, Uinta-Wasatch-Cache NF, USFS. Twelve miles west of Stockton, UT. Timber and brush. Minimal fire behavior with torching, creeping and smoldering. Structures threatened. Trail and area closures in effect.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
East Fork	NV-HTF	1,136	0	65	Ctn	7/11	282	-28	8	3	5	0	2.8M	FS
Morgan Canyon	UT-UWF	509	0	55	Ctn	10/31	19	0	0	0	1	0	1.7M	FS
Bennion Creek	UT-MLF	8,313	---	100	Ctn	---	3	-7	0	0	0	0	6.6M	FS
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Fritzer	ID-SCF	139	---	75	Comp	UNK	15	---	0	0	0	0	110K	FS

MLF - Manti-Lasal NF, USFS SCF – Salmon-Challis NF, USFS

Rocky Mountain Area (PL 2)

New fires: 5
 New large incidents: 2
 Uncontained large fires: 4

Muddy Slide, Medicine Bow-Routt NF, Thunder Basin National Grassland, USFS. Twenty miles south of Steamboat Springs, CO. Timber. Minimal fire behavior with creeping, smoldering and isolated torching. Structures and energy infrastructure threatened. Area, road and trail closures in effect.

Sylvan, White River NF, USFS. Fifteen miles south of Eagle, CO. Timber and brush. Minimal fire behavior with creeping and smoldering. Area, road and trail closures in effect.

Wild Horse Creek, Medicine Bow-Routt NF, Thunder Basin National Grassland, USFS. Thirty-five miles northeast of Gillette, WY. Tall grass, brush and timber. Minimal fire behavior with smoldering.

Oil Springs, White River Field Office, BLM. Forty-two miles north of Grand Junction, CO. Timber and brush. Minimal fire behavior with smoldering and creeping. Road closures in effect.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Muddy Slide	WY-MRF	4,093	0	45	Ctn	7/30	242	35	6	16	7	18	7.8M	FS
Sylvan	CO-WRF	3,792	0	68	Ctn	8/1	95	-26	1	2	1	0	6.3M	FS
Wild Horse Creek	WY-MRF	908	0	70	Ctn	7/8	17	0	1	3	0	0	230K	FS
Oil Springs	CO-WRD	12,613	0	97	Ctn	7/10	38	0	1	0	1	1	5M	BLM
* Bridge Plank	SD-CRA	337	---	100	Ctn	---	36	---	0	14	0	0	3K	BIA
* Saint Francis	SD-SDS	150	---	100	Ctn	---	72	---	0	17	0	0	10K	ST

CRA – Cheyenne River Agency SDS – South Dakota Wildland Fire Suppression

Alaska Area (PL 3)

New fires: 3
 New large incidents: 1
 Uncontained large fires: 0

Dry Creek, Tanana Zone, BLM. Started on Native Corporation land six miles south of Manley Hot Springs, AK. Timber. Minimal fire behavior with creeping and smoldering. Last narrative report unless significant activity occurs.

Munson Creek, Fairbanks Area, Alaska DOF. Started on BIA land 52 miles northeast of Fairbanks, AK. Timber. Moderate fire behavior with torching, creeping and smoldering. Structures threatened. Trail closures in effect. Last narrative report unless significant activity occurs.

***Crescent Creek**, Upper Yukon Zone, BLM. Fifty miles south-east of Central, AK. Short grass. Minimal fire behavior with smoldering. Last narrative report unless significant activity occurs.

Incident Name	Unit	Size		%	Ctn/Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Dry Creek	AK-TAD	48,413	1,490	0	Comp	7/10	38	-24	1	0	0	0	1.1M	TRI
Munson Creek	AK-FAS	24,024	4,296	0	Comp	7/30	177	28	5	10	3	0	677K	BIA
* Crescent Creek	AK-UYD	1,233	---	0	Comp	8/7	0	---	0	0	0	0	5K	BLM

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
Cultas Creek	AK-UYD	20,394	---	0	Comp	8/7	5	---	0	0	0	0	14K	BLM
Noatak River	AK-GAD	12,765	---	0	Comp	7/10	0	---	0	0	0	0	20K	NPS
Olsons Lake	AK-UYD	4,511	---	0	Comp	8/7	0	---	0	0	0	0	10K	BLM

GAD – Galena Zone, BLM

Southern Area (PL 1)

New fires: 0
 New large incidents: 1
 Uncontained large fires: 0

Incident Name	Unit	Size		%	Ctn/ Comp	Est	Personnel		Resources			Strc Lost	\$\$ CTD	Origin Own
		Acres	Chge				Total	Chge	Crw	Eng	Heli			
* Rifle Range	NC-NCS	380	---	100	Ctn	---	7	---	0	4	0	0	1K	ST
Large Fires Being Managed with a Strategy Other Than Full Suppression Without a Type 1 or 2 IMT Assigned														
Red Sparrow	FL- FLS	7,700	---	95	Comp	UNK	1	---	0	1	0	0	2K	ST

NCS – North Carolina Forest Service FLS – Florida Forest Service

Fires and Acres Yesterday (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	0	0	0	3	0	3
	ACRES	0	9,742	0	0	4,296	0	14,039
Northwest Area	FIRES	0	3	0	1	37	6	47
	ACRES	0	5	0	1	376	2,901	3,283
Northern California Area	FIRES	0	1	0	17	16	0	34
	ACRES	0	0	0	1	11	1,725	1,737
Southern California Area	FIRES	0	0	0	1	55	3	59
	ACRES	0	0	0	1	42	0	43
Northern Rockies Area	FIRES	2	5	0	0	9	8	24
	ACRES	2	17	0	0	170	4,045	4,234
Great Basin Area	FIRES	1	4	0	0	5	4	14
	ACRES	0	0	0	0	17	0	18
Southwest Area	FIRES	6	2	0	0	0	8	16
	ACRES	160	0	0	0	0	2	162
Rocky Mountain Area	FIRES	1	1	0	0	3	0	5
	ACRES	338	0	0	0	2	0	340
Eastern Area	FIRES	4	0	0	0	16	2	22
	ACRES	1	0	0	0	12	1	14
Southern Area	FIRES	0	0	0	0	0	0	0
	ACRES	0	0	0	0	0	0	0
TOTAL FIRES:		14	16	0	19	144	31	224
TOTAL ACRES:		501	9,765	0	4	4,926	8,674	23,872

Fires and Acres Year-to-Date (by Protection):

Area		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska Area	FIRES	0	85	0	0	190	8	283
	ACRES	0	108,337	0	0	35,138	5	143,481
Northwest Area	FIRES	80	149	18	5	1,206	217	1,675
	ACRES	12,172	876	155	19	12,634	10,270	36,128
Northern California Area	FIRES	41	21	4	21	1,838	286	2,211
	ACRES	30	131	332	1	6,937	48,044	55,478
Southern California Area	FIRES	16	86	11	25	2,359	288	2,785
	ACRES	1,292	3,499	199	2,877	16,147	5,526	29,541
Northern Rockies Area	FIRES	843	44	9	1	672	269	1,838
	ACRES	72,377	2,190	566	20	29,108	25,028	129,290
Great Basin Area	FIRES	27	354	48	11	477	191	1,108
	ACRES	2,968	40,258	8	1,637	48,302	17,154	110,329
Southwest Area	FIRES	441	135	8	16	328	649	1,577
	ACRES	23,311	81,545	1,518	3,362	22,089	471,591	603,417
Rocky Mountain Area	FIRES	178	144	5	10	311	148	796
	ACRES	3,515	21,632	1,256	1,114	76,870	15,451	119,838
Eastern Area	FIRES	417	0	22	13	6,491	381	7,324
	ACRES	12,356	0	13,276	560	31,598	15,749	73,539
Southern Area	FIRES	376	0	52	35	12,034	368	12,865
	ACRES	28,685	0	11,843	8,182	242,571	27,300	318,584
TOTAL FIRES:		2,419	1,018	177	137	25,906	2,805	32,462
TOTAL ACRES:		156,707	258,472	29,154	17,773	521,397	636,123	1,619,629

Ten Year Average Fires (2011 – 2020 as of today)	28,921
Ten Year Average Acres (2011 – 2020 as of today)	2,540,295

***Changes in some agency YTD acres reflect more accurate mapping or reporting adjustments.

***Additional wildfire information is available through the Geographic Areas at <https://gacc.nifc.gov/>

Canadian Fires and Hectares

PROVINCES	FIRES YESTERDAY	HECTARES YESTERDAY	FIRES YEAR-TO-DATE	HECTARES YEAR-TO- DATE
BRITISH COLUMBIA	61	2,579	740	92,251
YUKON TERRITORY	2	0	39	17,396
ALBERTA	8	3	712	15,535
NORTHWEST TERRITORY	3	213	45	14,585
SASKATCHEWAN	3	468	223	69,310
MANITOBA	0	10	140	293,092
ONTARIO	11	13,407	524	98,064
QUEBEC	3	343	444	13,563
NEWFOUNDLAND	0	0	44	278
NEW BRUNSWICK	0	0	144	309
NOVA SCOTIA	0	0	109	193
PRINCE EDWARD ISLAND	0	0	1	0
NATIONAL PARKS	0	0	35	11,848
TOTALS	91	17,022	3,200	626,422

*1 Hectare = 2.47 Acres

Predictive Services Discussion: An upper low will move northeast over Washington into British Columbia with another upper low forecast to move eastward into the Pacific Northwest in the evening and overnight. Isolated to scattered mixed wet and dry thunderstorms are likely across northern and eastern Washington, much of Idaho into Montana, and northern Wyoming. Gusty winds amid low relative humidity will result in elevated to critical fire weather conditions across portions of the inland Pacific Northwest, northern Great Basin, Sierra Front, and Northern Rockies. Wetter thunderstorms will continue across southeast Arizona, much of New Mexico, and southern Colorado. Tropical Storm Elsa will make landfall on the Florida Gulf Coast with heavy rain expected in north Florida into South Carolina. Heavy rainfall is expected again across south Texas.

<http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>



Hazard Tree Felling Safety Tips 1

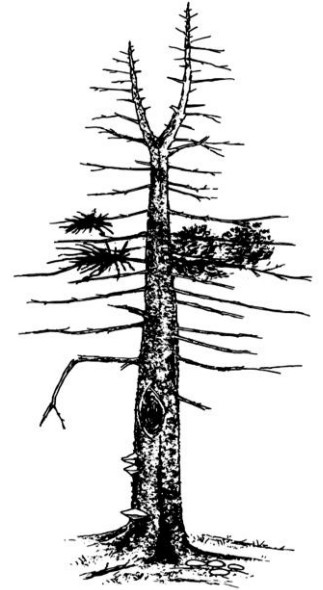
Felling Safety Category

Felling a hazard tree requires accurate risk assessment and complexity analysis, and demands the sawyer's full situational awareness. In all cases, remember to establish and maintain a secure felling area.

Do not bypass hazard trees without taking some action such as felling or establishing a No-Work-Zone.

Degree of hazard varies with tree size, species, and type/location of defect:

- Stem defects resulting in tree failure, i.e., collapse.
- Weakened sapwood resulting in loss of control when falling trees & limits solid wood for wedging.
- Overhead hazards, i.e., dead or hanging limbs falling on the faller.



Indicators of potential felling hazards:

Dead Limbs: limbs of all sizes and species with decay evident cracking, or loose, hung-up limbs. Avoid working under overhead hazards.

Witches Broom: caused by mistletoe infection, limbs can grow very large and heavy (200+ lbs.)

Split Trunk: cracked trunk from frost, lightning, or wind. Visible evidence of advanced decay indicates serious weakness where the tree could fail.

Stem Damage: caused by windfall, scarring, fire, machine, and animal damage, as well as heart rot diseases.

Thick Sloughing Bark or Sloughing Sapwood: usually found on dead trees. Loose bark on Douglas fir or loose sapwood on wind snapped cedars can dislodge during falling.

Butt and Stem Cankers: usually found on deciduous trees but can occur on Douglas fir and pine. The infected areas weaken the stem.

Fungal Fruiting Bodies or Conks: found on stems it may indicate massive interior rot 1 – 2 yards above and below conk. Excessive resinosis (resin flow) also indicates heart or root diseases.

Heavy Tree Lean: may be caused by damaged roots or lifting root mats, shallow or wet soils. In some cases, the tree may have corrected itself which can be determined by looking for corrected top growth.

Root Condition: look for any ground cracks around the base of the tree, signs of decay or fungal conks on the roots.

Cat Face: look for enough solid wood to construct an effective undercut and back cut.

Resources:

[Hazard Tree Safety Web Page](#), [Incident Response Pocket Guide, PMS 461](#), [Interagency Standards for Fire & Fire Aviation Operations](#), [Wildland Fire Incident Management Field Guide, PMS 210](#)

Have an idea? Have feedback? Share it.

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