

**National Interagency Coordination Center  
Incident Management Situation Report  
Thursday, May 23 2013 – 0530 MT  
National Preparedness Level 1**

**National Fire Activity**

Initial attack activity: Light (103 new fires)  
 New large fires: 0 (\*)  
 Large fires contained: 0  
 Uncontained large fires: \*\* 2  
 Area Command Teams committed: 0  
 NIMOs committed: 0  
 Type 1 IMTs committed: 0  
 Type 2 IMTs committed: 0

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

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

**Southwest Area (PL 3)**

New fires: 9  
 New large fires: 0  
 Uncontained large fires: 2

**Soldier Basin**, Coronado NF. Five miles east of Nogales, AZ. Timber and grass. Moderate fire activity.

**Island Lake**, Imperial NWR. Twenty-two miles north of Yuma, AZ. Brush. Smoldering. Area closures in effect.

Incident Name	St	Unit	Size	Size Chge 24 Hrs	% Ctn	Est Ctn	Totl Pers	Pers Chge 24 Hrs	Crw	Eng	Heli	Strc Lost	\$\$ CTD	Origin Own
Soldier Basin	AZ	CNF	7,500	1,500	40	5/28	210	5	6	11	3	0	957K	FS
Island Lake	AZ	IMR	3,200	1,700	90	5/23	64	33	1	5	1	3	250K	FWS

**Other Fires**

(As of May 17)

GACC	Fires	Cumulative Acres	Crews	Engines	Helicopters	Total Personnel
AK	0	0	0	0	0	0
NW	0	0	0	0	0	0
NO	0	0	0	0	0	0
SO	0	0	0	0	0	0
NR	0	0	0	0	0	0
EB	0	0	0	0	0	0
WB	0	0	0	0	0	0
SW	0	0	0	0	0	0
RM	1	3,498	0	0	0	2
EA	0	0	0	0	0	0
SA	0	0	0	0	0	0
Total	1	3,498	0	0	0	2

**Predictive Services Discussion:** An upper low over the Northwest will continue a slow drift across the region. Scattered showers, with some snow at higher elevations, will develop across the Northwest and northern Rockies. Strong southwesterly flow associated with the upper low will produce strong winds and low humidity across much of the Southwest, parts of the Great Basin and central Rockies. An upper ridge over the Plains will bring a quick warm-up through the central U.S., while a trough and frontal system in the East will spread showers and thunderstorms from the Mississippi to the East Coast. Temperatures will remain below normal across much of the West and around the Great Lakes while warm conditions will continue from southern California to Florida and northward along the East Coast.

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



# HELICOPTER PERFORMANCE AND EFFECTIVENESS

Aviation Category

Certain helicopter missions push the limits of the aircraft's performance capabilities. Items that reduce the effectiveness and increase the risk of the mission include weight, temperature, altitude, and visibility.

- Helicopter missions that transport external loads increase risk.
- Helicopters performance/lift capabilities decrease as temperature and/or altitude increase. Be watchful of conditions that are High, Hot and Heavy!
- All helicopters have different maximum performance capabilities, so be aware of the capabilities of the specific helicopter that you are working with.
- Low-level helicopter operations often occur in heavy smoke where hazards (e.g., trees, snags, antennas, visibility, turbulence, and other aircraft) increase the risk level significantly.
- Determine the risk level for every mission. Is the risk level acceptable? Can the risk be mitigated? If the risk is not acceptable or it cannot be mitigated, then the mission should not be flown.
- A large part of the success of a helicopter mission is the result of good communications between the pilot and the user on the ground.
- Accurate target and hazard descriptions are essential to a safe mission. Locate this information and relay it to the pilot. Things to consider in the target description include:
  - Have you considered what the target would look like from the air?
  - Are you located where the pilot can see you?
  - Do you have a signal mirror?
  - Are you using cardinal directions or clock directions in relation to the track of the aircraft?
  - What is the wind direction? Provide this information to the pilot.
  - Are all firefighters clear of the drop area?
  - Is there a safer way to carry out an effective suppression action?

References:

[Incident Response Pocket Guide](#)

[Interagency Helicopter Operations Guide \(IHOG\)](#)

**Activity:** If available, have a pilot explain how the load calculation is done and the effects of density altitude on the aircrafts' capability and allowable.

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**Have an idea? Have feedback? Share it.**

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### Fires and Acres Yesterday

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES		2			4		6
	ACRES		2			1		3
Northwest	FIRES							0
	ACRES							0
Northern California	FIRES		0			29	2	31
	ACRES		11			41	0	52
Southern California	FIRES			4	1	32	1	38
	ACRES			4	26	191	4,346	4,567
Northern Rockies	FIRES					3		3
	ACRES					23		23
Eastern Great Basin	FIRES							0
	ACRES							0
Western Great Basin	FIRES					1		1
	ACRES					0		0
Southwest	FIRES	5		0	1	1	2	9
	ACRES	12		100	1	0	1,201	1,314
Rocky Mountain	FIRES		2			2	1	5
	ACRES		2			0	0	2
Eastern Area	FIRES					6		6
	ACRES					16		16
Southern Area	FIRES					2	2	4
	ACRES					1	1	2
TOTAL	FIRES	5	4	4	2	80	8	103
	ACRES	12	15	104	27	273	5,548	5,979

### Fires and Acres Year-to-Date

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES		5			35	3	43
	ACRES		32			399	0	431
Northwest	FIRES	22	19	6	2	106	66	221
	ACRES	132	141	153	0	491	109	1,026
Northern California	FIRES	1	2		4	757	86	850
	ACRES	1	77		1	8,709	3,979	12,767
Southern California	FIRES	3	36	15	2	1,124	137	1,317
	ACRES	1	150	9	6	12,225	4,557	16,948
Northern Rockies	FIRES	243	12	3		97	61	416
	ACRES	4,879	198	997		1,305	12,554	19,933
Eastern Great Basin	FIRES	15	66		2	85	26	194
	ACRES	112	2,055		0	687	86	2,940
Western Great Basin	FIRES	1	27	2	2	11	4	47
	ACRES	1	557	0	0	3	2	563
Southwest	FIRES	235	54	21	22	219	237	788
	ACRES	2,320	914	3,213	200	3,877	8,228	18,752
Rocky Mountain	FIRES	213	34	8	6	192	42	495
	ACRES	542	1,349	470	63	4,554	110	7,088
Eastern Area	FIRES	274		27	20	3,890	194	4,405
	ACRES	7,122		953	80	33,142	1,055	42,352
Southern Area	FIRES	113		33	14	7,745	261	8,166
	ACRES	10,724		3,612	1,435	83,609	9,699	109,079
TOTAL	FIRES	1,120	255	115	74	14,261	1,117	16,942
	ACRES	25,834	5,473	9,407	1,785	149,001	40,379	231,879

<b>Ten Year Average Fires</b>	<b>28,194</b>
<b>Ten Year Average Acres</b>	<b>1,089,082</b>

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

**Prescribed Fires and Acres Yesterday**

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES		0					0
	ACRES		50					50
Northwest	FIRES						1	1
	ACRES						5	5
Northern California	FIRES						2	2
	ACRES						17	17
Southern California	FIRES						0	0
	ACRES						22	22
Northern Rockies	FIRES							0
	ACRES							0
Eastern Great Basin	FIRES				0			0
	ACRES				75			75
Western Great Basin	FIRES							0
	ACRES							0
Southwest	FIRES							0
	ACRES							0
Rocky Mountain	FIRES							0
	ACRES							0
Eastern Area	FIRES						1	1
	ACRES						1	1
Southern Area	FIRES						1	1
	ACRES						590	590
TOTAL	FIRES	0	0	0	0	0	5	5
	ACRES	0	50	0	75	0	635	760

### Prescribed Fires and Acres Year-to-Date

AREA		BIA	BLM	FWS	NPS	ST/OT	USFS	TOTAL
Alaska	FIRES		1	1	1	1		4
	ACRES		65	5	12	5		87
Northwest	FIRES	7	36	7	3		118	171
	ACRES	2,066	8,878	444	67		28,097	39,552
Northern California	FIRES	2	12	11	19		117	161
	ACRES	35	736	15,203	250		5,408	21,632
Southern California	FIRES		3	4	2	2	138	149
	ACRES		36	53	123	138	4,787	5,137
Northern Rockies	FIRES	11	11	17	2	25	143	209
	ACRES	1,583	2,742	5,241	156	958	9,946	20,626
Eastern Great Basin	FIRES	4	20	2	5	18	40	89
	ACRES	340	1,375	2	609	552	10,410	13,288
Western Great Basin	FIRES		4	1		12	7	24
	ACRES		239	35		103	300	677
Southwest	FIRES	20	18	5	1		59	103
	ACRES	19,479	10,642	1,372	10		15,930	47,433
Rocky Mountain	FIRES	12	40	28	10	33	95	218
	ACRES	1,691	3,167	3,110	616	5,085	24,970	38,639
Eastern Area	FIRES	13		141	45	640	137	976
	ACRES	21,098		13,277	4,742	28,685	29,974	97,776
Southern Area	FIRES	43		82	19	9,122	743	10,009
	ACRES	13,721		44,753	22,022	514,992	830,907	1,426,395
TOTAL	FIRES	112	145	299	107	9,853	1,597	12,113
	ACRES	60,013	27,880	83,495	28,607	550,518	960,729	1,711,242

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

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

This report contains information derived from the National Fire and Aviation Management Web Applications (FAMWEB) system and other sources to provide relative information about emerging and ongoing incident activity. This information is considered operational in nature, is subject to correction, and therefore may not match official year to date agency records.

**\*\* National Interagency Coordination Center \*\***