

## 1 **Chapter 60 – Predictive Services**

### 3 **Intelligence Reporting Procedures**

5 The main function of the Intelligence Unit is to provide up-to-date, real-time information to  
6 management staff regarding active incidents (wildfire suppression and/or managed fire), fire  
7 weather conditions, and resource allocations and availability.

9 Each GACC must rely on the Units to report certain information that enables compliance with  
10 national and state requirements. The ECCs will use established procedures in the daily reporting  
11 of shared resources. GACCs will maintain a list of days off for crews and airtankers. It is the  
12 responsibility of the Unit controlling the resource to advise the GACCs of any change in  
13 available status.

### 15 **Federal Daily 1000 am Report**

17 Resource status will be updated continually using ROSS. GACC Intelligence offices will use  
18 ROSS/Cognos reports for collection of federal resource status for the 1000 am report.

20 The 1000 ROSS/Cognos report will include:

- 21 • Number of Engines, Dozers, Water Tenders, Types 1, 2IA and 2 hand crews, with current  
22 ROSS status.

24 By 1100 hours each day during fire season, GACC Intelligence offices will compile and post to  
25 the GACC Intel webpage the Daily report which documents current resource status.

26 Available for ONCC at: [http://gacc.nifc.gov/oncc/predictive/intelligence/news\\_notes/index.htm](http://gacc.nifc.gov/oncc/predictive/intelligence/news_notes/index.htm)

27 Available for OSCC at: [http://gacc.nifc.gov/oscc/predictive/intelligence/news\\_notes/index.htm](http://gacc.nifc.gov/oscc/predictive/intelligence/news_notes/index.htm)

### 29 **Situation Report**

#### 31 **Interagency Situation Reporting**

33 Daily: Issued daily, except when the unit is not staffed, such as off-season weekends or holidays.

35 The Interagency Situation Report (Sit Report) program captures incident activity and resources  
36 status information in a brief summary intended for use by fire managers. Once the information  
37 has been submitted via FAMWEB application, it is used at the local, regional and national levels  
38 as a decision-making tool and to produce summary reports.

40 GACC Intelligence staff will ensure that all of their dispatch centers have submitted completed  
41 Sit Reports daily by 1700 hours, except when the unit(s) or GACC is not staffed; caught up the  
42 next regular work day. Although California submits the Sit Report year round, the NICC  
43 Intelligence staff will retrieve situation reports only when the National Preparedness Level is 2 or  
44 higher.

46 Access to the input side of the Sit Report program can be obtained by calling the GACC  
47 Intelligence Coordinator for your area. The GACC's have edit access to all of their respective  
48 Units' Sit Report data. NICC has edit access to all Units' Sit Report data and bases the National  
49 Incident Management Situation Report (IMSR) on this information.

- 1 By 1700 hours, units will report the following information into the Sit Report
- 2 • Unit Preparedness Levels
  - 3 • Daily Fire Statistics
  - 4 • Planned Prescribed (Rx) Fires
  - 5 • Dispatch Center Remarks:
    - 6 ○ Brief summary of current situation
    - 7 ○ Predicted NFDRS adjective ratings
    - 8 ○ On-call dispatcher
  - 9 • Year-To-Date (YTD) Statistics
  - 10 • Dispatch office incident priority

11 For more specific reporting requirements and program instructions, reference the Sit Report  
12 User's Guide at :

13 [http://www.predictiveservices.nifc.gov/intelligence/Situation\\_Report\\_User\\_Guide\\_2%200.pdf](http://www.predictiveservices.nifc.gov/intelligence/Situation_Report_User_Guide_2%200.pdf)

14

### 15 **Incident Status Summary (ICS-209) Form**

16 The GACC will ensure that information in the 209 Program is current for use in the Sit Report.

17

18 The Incident Status Summary (ICS-209) is submitted to the GACC through a web-based  
19 application. Specific instructions for completing the web-based ICS-209 are available at:

20 [http://www.predictiveservices.nifc.gov/intelligence/ICS-209\\_User\\_Guide\\_2.0.pdf](http://www.predictiveservices.nifc.gov/intelligence/ICS-209_User_Guide_2.0.pdf)

21 For fire size and class, refer to the link found in the California Interagency Mobilization Guide,  
22 Appendix A.

23

24 Units or Incidents should submit ICS-209 forms according to the following:

25

26 a. Initial ICS-209:

- 27 1. When a fire in timber reaches 100 acres or grass/brush reaches 300 acres.
- 28 OR
- 29 2. Non-Fire incident, commitment of Type 1 or Type 2 IMT.
- 30 OR
- 31 3. Significant commitment of national resources (Aircraft, Federal Type 1 crews,  
32 Smokejumpers)
- 33 OR
- 34 4. When an incident is determined to be a wildfire managed for resource objectives,  
35 regardless of size
- 36 OR
- 37 5. At discretion of GACC and/or CalMAC (based on resource commitment)

38

39

40 b. ICS-209 Update:

- 41 1. The submitting of the ICS-209 to once per day may be negotiated between the GACC  
42 and the incident with the possible triggers:
  - 43 • Incident moves from a Type 1 or 2 to a Type 3 or 4.
  - 44 • No foreseen growth of the incident.
  - 45 • All action is limited to one shift per day.

46

47

- 1 AND/OR  
2 2. Upon special request by CalMAC.  
3 OR  
4 3. Wildfires managed for resource objectives will be submitted daily, at 1800 hours  
5  
6 c. Final ICS-209:  
7 1. When less than 15 single resources remain assigned to an incident,  
8 OR  
9 2. When the incident no longer has any significant effect on agency resource  
10 availability.

11

## 12 **Incident Map**

13

14 Incidents should send incident map data directly to the GACC (electronically if possible) as soon  
15 as it becomes available, and as it is updated.

16

## 17 **Monthly Fire Report**

18 At the end of each month all National Forests will tabulate the total number of fires and acres  
19 burned that month. The totals will be transmitted to the respective GACC, on the forms  
20 provided, by the second day of each month.

21

## 22 **Interagency Intelligence Report**

23 The Interagency Intelligence Report will include a synopsis on current overall status within the  
24 GACC, a section on the general weather forecast for the day, and an extended weather outlook  
25 for the next 2-4 days. This report will also include sections detailing each significant incident  
26 within the GACC. These sections will give a brief incident summary of individual incidents and  
27 the resources committed to them. This report will be compiled from the most current  
28 information available and will be electronically shared with cooperating agencies by 1200 hours  
29 each day during large fire activity.

30 Each GACC's Predictive Services will utilize a Fire Behavior Analyst (FBAN) for preparing a  
31 Fuels and Fire Behavior Advisory.

32

## 33 **Predictive Services Weather**

34 Weather and fire danger products and a variety of other tools are often utilized to make fire  
35 management decisions. Many of these products, including firefighter pocket cards, are based on  
36 the data maintained in historical fire occurrence and weather databases. In order to make these  
37 products as accurate as possible, fire management staff will ensure weather station and fire  
38 history data are entered correctly and accurately into the appropriate databases in a timely  
39 manner. The importance of these systems will be reiterated at fire management meetings,  
40 training sessions and through email systems.

41

## 42 **Daily issuance of the 7-Day Significant Fire Potential product:**

43 Each GACC's Predictive Services will produce a "7-Day Significant Fire Potential" product  
44 daily. This will be posted on the Predictive Services Weather web pages by 1030.

45

46 North GACC website at:  
47 <http://psgeodata.fs.fed.us/forecast/#/outlooks?state=forecast&gaccId=4&forecastDay=2015-11-05&forecastInView=2015-11-05>

48

49 South GACC website at:  
50 <http://psgeodata.fs.fed.us/forecast/#/outlooks?state=forecast&gaccId=8&forecastDay=2015-11-05&forecastInView=2015-11-05>

1 Reference the National Interagency Mobilization Guide (NMG) Chapter 60, for content and  
2 format. <http://www.nifc.gov/nicc/mobguide/index.html>

3

4 **Monthly/Seasonal Outlooks:**

5 The Monthly/Seasonal Outlooks will be completed by each GACC and submitted to NICC three  
6 days prior to the end of each month. It is due monthly year-round. These products are produced  
7 separately at North Ops but have been consolidated into one product at South Ops.

8

9 **North Ops:**

10 **Monthly:**

11 [http://gacc.nifc.gov/oncc/predictive/outlooks/monthly\\_outlook.pdf](http://gacc.nifc.gov/oncc/predictive/outlooks/monthly_outlook.pdf)

12 **Seasonal:**

13 [http://gacc.nifc.gov/oncc/predictive/outlooks/Seasonal\\_Outlook.pdf](http://gacc.nifc.gov/oncc/predictive/outlooks/Seasonal_Outlook.pdf)

14 **South Ops:**

15 <http://gacc.nifc.gov/oscc/predictive/outlooks/myfiles/assessment.pdf>

16 **National:**

17 [http://www.nifc.gov/nicc/predictive/outlooks/monthly\\_seasonal\\_outlook.pdf](http://www.nifc.gov/nicc/predictive/outlooks/monthly_seasonal_outlook.pdf)

18

19 **Monthly Zone/Regional Fire Report:**

20 Each GACC will compile their respective forests' fires and acres tabulations for the preceding  
21 month and develop the monthly geographic area fire report for their area. North Ops Predictive  
22 Services will electronically transmit their report to South Ops Predictive Services/Intelligence  
23 for compilation of the two Geographic Area reports into the Regional Monthly Fire Report.  
24 Upon completion of this regional report by South Ops Predictive Services a copy will be  
25 transmitted to the Regional Office as well as to North Ops Predictive Services. Each GACC's  
26 Predictive Services Section will be responsible for electronically transmitting this report to their  
27 respective Units.

28

29 **Smoke Transport and Stability Outlooks:**

30 Each Predictive Services Unit will produce daily a "Smoke Transport and Stability Outlook".  
31 These products can be found at:

32 **North Ops:** [http://gacc.nifc.gov/oncc/predictive/weather/daily\\_smoke/Smoke.html](http://gacc.nifc.gov/oncc/predictive/weather/daily_smoke/Smoke.html),

33 **South Ops:** [http://gacc.nifc.gov/oscc/predictive/weather/daily\\_smoke/Smoke.pdf](http://gacc.nifc.gov/oscc/predictive/weather/daily_smoke/Smoke.pdf)

34 These are to be posted on the websites by 1230.

35

36 **Fuels/ Fire Danger Products:**

37 The GACCs Predictive Services sections will update the 100 Hr and 1000 Hr dead fuel moisture  
38 charts as well as the ERC charts on a weekly basis for various severity weather stations within  
39 the GACC as well as for each Predictive Service Area (PSA). They are posted at the following  
40 locations:

41

42 ONCC Predictive Services website at: [http://gacc.nifc.gov/oncc/predictive/fuels\\_fire-](http://gacc.nifc.gov/oncc/predictive/fuels_fire-danger/index.htm)  
43 [danger/index.htm](http://gacc.nifc.gov/oncc/predictive/fuels_fire-danger/index.htm)

44 OSCC Predictive Services website at: [http://gacc.nifc.gov/oscc/predictive/fuels\\_fire-](http://gacc.nifc.gov/oscc/predictive/fuels_fire-danger/index.htm)  
45 [danger/index.htm](http://gacc.nifc.gov/oscc/predictive/fuels_fire-danger/index.htm)

46

1  
2  
3  
4  
5  
6  
7

**NFDRS RAWS Maintenance Based on Preparedness Level:**

The following is a matrix describing preparedness level driven actions authorized and action required in maintaining RAWS utilized for NFDRS based products and decision processes.

<i>Item</i>	<i>ACTION DESCRIPTION</i>	<i>Preparedness Levels</i>				
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
	<b>NFDRS RAWS: Year Round - PSA – Pocket Card Stations</b>					
U1	Stations meet NFDRS maintenance standards and siting guidelines	AR	AR	AR	AR	AR
U2	All days with available RAWS data for regular scheduled (R/S) observation times will be "published" in WIMS	AR	AR	AR	AR	AR
U3	All annual maintenance completed as early in the field season as possible (prior to WIMS "greenup" is preferred) and maintenance is documented in WFMI	AR	AR	AR	AR	AR
U4	Identify and troubleshoot data errors within 48 hours	AR	AR	AR	AR	AR
U5	Adhere to the 3-day response time to system failures in fire season - NFDRS STANDARD	AR	AR	See U6 & U7	See U6 & U7	See U6 & U7
U6	Adhere to 24-hour response time to identify, troubleshoot, and process a RAWS Depot/vendor replacement order			AR	AR	AR
U7	Adhere to 24-hour response time to replace or make repairs after receiving the RAWS Depot/vendor replacement order			AR	AR	AR
FS-1	If Forest Service items (U1- U7) are not at required level, the Regional RAWS Coordinator is authorized to secure annual maintenance and/or system failures maintenance at Forest expense.		AR	AR	AR	AR

Item FS-1 is Forest Service specific. Items U1-U7 applies to all agencies.  
AR = Action Required    AA=Action Authorized

Internet Sites:

Sit Report and ICS 209: <http://fam.nwccg.gov/fam-web/>  
GACC Intelligence: <http://gacc.nifc.gov/oncc/predictive/intelligence/index.htm>  
<http://gacc.nifc.gov/oscc/predictive/intelligence/index.htm>

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50

**THIS PAGE INTENTIONALLY LEFT FOR NOTES**