

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

27 Available for OSCC at: http://gacc.nifc.gov/oscc/predictive/intelligence/news_notes/index.htm

29 **Situation Report**

31 **Interagency Situation Reporting**

33 Daily: May through October.

34 November through April when either of the following conditions are met:

- 35 • Wild fire activity occurs.
- 36 • A Unit's fire Danger is reported as very high or extreme.

38 The GACC will ensure that Units complete data entry on a daily or weekly basis as required by
39 NICC.

41 The Federal Interagency Situation (Sit) Report program captures incident activity and resource
42 status information in a brief summary intended for use by managers. Once the information has
43 been submitted via the web site (<http://fam.nwccg.gov/fam-web/>), it is used at the local dispatch
44 offices, the GACCs and NICC to produce summary reports, which are then distributed to agency
45 managers for use as a decision-making tool.

47 The GACCs and NICC use the Sit Report program to run reports from data that has been entered
48 by the Units. The GACCs have edit access to all of their respective Units' Sit Report data.

49 NICC has edit access to all Units' Sit Report data, and bases the National Incident Management
50 Situation Report (IMSR) on this information.

1 Access to the input side of the Interagency Situation Report program can be obtained by calling
2 the GACC Intelligence Coordinator for your area.

3
4 During the active fire season, the Sit Report is prepared on a daily basis. In the off-season, it is
5 submitted on a more limited basis, depending on the level of incident activity, NICC
6 requirements, or direction from the GACC.

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

9 http://www.predictiveservices.nifc.gov/intelligence/Situation_Report_User_Guide_2%200.pdf

10
11 By 1700 hours each day during fire season, each Unit will report the following information using
12 the web-based Sit Report program:

- 13
- 14 • Unit Preparedness Levels.
- 15 • Daily Fire Statistics.
- 16 • Resource Status, what each Unit expects to have available for tomorrow.
- 17 • Planned Prescribed (Rx) Fires.
- 18 • Dispatch Center Remarks:
 - 19 Brief summary of current situation.
 - 20 Predicted NFDRS adjective ratings.
 - 21 On-call dispatcher.
- 22 • Year-To-Date (YTD) Statistics.
- 23 • Dispatch office incident priority.
- 24

25 **Incident Status Summary (ICS-209) Form**

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

27
28 The Incident Status Summary (ICS-209) is submitted to the GACC through a web-based
29 application. Specific instructions for completing the web-based ICS-209 are available at:

30 http://www.predictiveservices.nifc.gov/intelligence/ICS-209_User_Guide_2.0.pdf

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

33
34 Units or Incidents should submit ICS-209 forms according to the following:

- 35
- 36 a. Initial ICS-209:
 - 37 1. When a fire in timber reaches 100 acres or grass/brush reaches 300 acres.
 - 38 OR
 - 39 2. Non-Fire incident, commitment of Type 1 or Type 2 IMT.
 - 40 OR
 - 41 3. Significant commitment of national resources (Aircraft, Federal Type 1 crews,
42 Smokejumpers)
 - 43 OR
 - 44 4. When an incident is determined to be a wildfire managed for resource objectives,
45 regardless of size
 - 46 OR
 - 47 5. At discretion of GACC and/or CalMAC (based on resource commitment)
 - 48
 - 49
 - 50

1 b. ICS-209 Update:

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

7 AND/OR

- 8 2. Upon special request by CalMAC.

9 OR

- 10 3. Wildfires managed for resource objectives will be submitted daily, at 1800 hours

11
12 c. Final ICS-209:

- 13 1. When less than 15 single resources remain assigned to an incident,
14 OR
15 2. When the incident no longer has any significant effect on agency resource
16 availability.

17 **Incident Map**

18
19 Incidents should send incident map data directly to the GACC (electronically if possible) as soon
20 as it becomes available, and as it is updated.

21
22 **Monthly Fire Report**

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

26
27 **Interagency Intelligence Report**

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

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

37
38 **Predictive Services Weather**

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

46
47 **Daily issuance of the 7-Day Significant Fire Potential product:**

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

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

3
4 South GACC website at:
5 <http://psgeodata.fs.fed.us/forecast/#/outlooks?state=forecast&gaccId=8&forecastDay=2015-11-05&forecastInView=2015-11-05>

6
7 Reference the National Interagency Mobilization Guide (NMG) Chapter 60, for content and
8 format. <http://www.nifc.gov/nicc/mobguide/index.html>

9

10 **Monthly/Seasonal Outlooks:**

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

14

15 **North Ops:**

16 **Monthly:**

17 http://gacc.nifc.gov/oncc/predictive/outlooks/monthly_outlook.pdf

18 **Seasonal:**

19 http://gacc.nifc.gov/oncc/predictive/outlooks/Seasonal_Outlook.pdf

20 **South Ops:**

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

22 **National:**

23 http://www.nifc.gov/nicc/predictive/outlooks/monthly_seasonal_outlook.pdf

24

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

26 Each GACC will compile their respective forests' fires and acres tabulations for the preceding
27 month and develop the monthly geographic area fire report for their area. North Ops Predictive
28 Services will electronically transmit their report to South Ops Predictive Services/Intelligence
29 for compilation of the two Geographic Area reports into the Regional Monthly Fire Report.

30 Upon completion of this regional report by South Ops Predictive Services a copy will be
31 transmitted to the Regional Office as well as to North Ops Predictive Services. Each GACC's
32 Predictive Services Section will be responsible for electronically transmitting this report to their
33 respective Units.

34

35 **Smoke Transport and Stability Outlooks:**

36 Each Predictive Services Unit will produce daily a "Smoke Transport and Stability Outlook".

37 These products can be found at:

38 **North Ops:** http://gacc.nifc.gov/oncc/predictive/weather/daily_smoke/Smoke.html,

39 **South Ops:** http://gacc.nifc.gov/oscc/predictive/weather/daily_smoke/Smoke.pdf

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

41

42 **Fuels/ Fire Danger Products:**

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

47

48

49

- 1 ONCC Predictive Services website at: [http://gacc.nifc.gov/oncc/predictive/fuels_fire-](http://gacc.nifc.gov/oncc/predictive/fuels_fire-danger/index.htm)
- 2 [danger/index.htm](http://gacc.nifc.gov/oncc/predictive/fuels_fire-danger/index.htm)
- 3 OSCC Predictive Services website at: [http://gacc.nifc.gov/oscc/predictive/fuels_fire-](http://gacc.nifc.gov/oscc/predictive/fuels_fire-danger/index.htm)
- 4 [danger/index.htm](http://gacc.nifc.gov/oscc/predictive/fuels_fire-danger/index.htm)

5

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

7 The following is a matrix describing preparedness level driven actions authorized and action

8 required in

9 maintaining RAWS utilized for NFDRS based products and decision processes.

Item	ACTION DESCRIPTION	Preparedness Levels				
		1	2	3	4	5
	NFDRS RAWS: Year Round - PSA – Pocket Card Stations					
U1	Stations meet NFDRS maintenance standards and siting guidelines	A R	A R	AR	AR	AR
U2	All days with available RAWS data for regular scheduled (R/S) observation times will be "published" in WIMS	A R	A R	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	A R	A R	AR	AR	AR
U4	Identify and troubleshoot data errors within 48 hours	A R	A R	AR	AR	AR
U5	Adhere to the 3-day response time to system failures in fire season - NFDRS STANDARD	A R	A R	Se e U6 & U7	Se e U6 & U7	Se e 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.		A R	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.nwcg.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