

Type of Event	Staff*	00-06 UTC	06-12 UTC	12-18 UTC	18-24 UTC
NonIOP down day	PCD	off	off	off	off
	PSC	off	off	off	off
	POD	off	off	off	off
	PAC	off	off	off	off
	PES	off	off	off	off
	PRS	off	off	off	off

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Type of Event	Staff*	00-06 UTC	06-12 UTC	12-18 UTC	18-24 UTC
Dry MAP-IOP, no Wet-MAP alert	PCD	off	Chair weather and facility briefing (0800-0845). Available for questions and problems related to the POC activities.	Available for questions and problems related to the POC activities.	off
	PSC	off	Review current weather. Assist POD to coordinate Dry MAP aircraft	Monitoring and analysis of data collected so far by S-Pol, RONSARD, Mt. Lema, DOW, and OPRA (reflectivity, radial velocity, particle types). If this is first non-IOP day following the conclusion of a W-IOP, conduct a W-IOP debrief of all the wet MAP personnel at the POC with the MOC wet MAP scientists participating by phone.	off
	POD	off	Act as PAC. See below.	same as 6-12	Same as 12-18 till end of flight
	PAC	off	Communicate with and help to coordinate Dry MAP aircraft	same as 6-12	Same as 12-18 till end of flight
	PES	off	Monitor data flow from radar sites (Monte Lema and Italian operational radars). Monitor computing and communications equipment	Same as 06-12.	Same as 12-18 till end of flight
	PRS	off	off	off	off

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Type of Event	Staff*	00-06 UTC	06-12 UTC	12-18 UTC	18-24 UTC
Wet MAP alert No IOP going on	PCD	off	Chair weather and facility briefing (0800-0845). Available for questions and problems related to the POC activities. Put nowcasting support on alert as needed.	Available for questions and problems related to the POC activities. Put nowcasting support on alert as needed.	off
	PSC	off	0600-0800: Review current weather and project status. 0800-0845: Attend weather and facility briefing. 0845-0900: Call MOC Science Coordinator for preliminary discussion of today's activities. 0900-1030: Lead POC participants in preparation of today's Wet MAP science proposal. Consult via video or phone with PI's at MOC in this preparation. Proposal should recommend: (1) If a W-IOP will start in the next 24 h. (2) If so when & where DOW deployed, (3) when S-Pol and RONSARD begin ops and which scan strategies they should employ, and (4) what aircraft flights would be useful.	Participate in Mission Selection Team decision regarding use of aircraft in next day. Otherwise: Check on S-Pol, RONSARD, Mt. Lema, DOW, and OPRA data (reflectivity, radial velocity, particle types). Recommend changes in S-Pol and RONSARD scan strategies as weather and operational conditions warrant. If this is first non-IOP day following the conclusion of a W-IOP, co-chair (with POD) a W-IOP debrief of all the wet MAP personnel at the POC with the MOC wet MAP scientists participating by phone. 1700-1800: Participate in final update meeting for the day	off
	POD	off	0600-0800: Review facility status. 0800-0845: Attend weather and facility briefing. 1030-1130: Chair POC daily meeting. In first half of meeting lead POC discussion to review project status and activate DOW, S-Pol and RONSARD if called for in today's Wet MAP proposal. At 1100 join with MOC meeting via phone to discuss aircraft proposals.	If W-IOP has been declared activate DOW, S-Pol, and RONSARD at the appropriate times. If this is first non-IOP day following the conclusion of a W-IOP, co-chair (with PSC) a W-IOP debrief of all the wet MAP personnel at the POC with the MOC wet MAP scientists participating by phone 1700-1800: Conduct in final update meeting for the day	off
	PAC	NA	NA	NA	NA
	PES	automatic radar data recording	Monitor data flow from radar sites. Monitor computing and communications equipment	Same as 06-12.	automatic radar data recording
	PRS	off	Checkovernight weather data for precip occurrence. If precip has started, alert the POD and begin making MtZebra-based hourly regional radar composites and entering them on JOSS catalog	Continue making and JOSS-cataloging half hourly regional composites. Download OPRA data and show them to PSC.	off

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Type of Event	Staff*	00-06 UTC	06-12 UTC	12-18 UTC	18-24 UTC
Wet-MAP alert with Dry MAP-IOP going on.	PCD	off	Chair weather and facility briefing (0800-0845). Available for questions and problems related to the POC activities. Put nowcasting support on alert as needed.	Available for questions and problems related to the POC activities. Put nowcasting support on alert as needed.	off
	PSC	off	0600-0800: Review current weather and project status. 0800-0845: Attend weather and facility briefing. 0845-0900: Call MOC Science Coordinator for preliminary discussion of today's activities. 0900-1030: Lead POC participants in preparation of today's Wet MAP science proposal. Consult via video or phone with PI's at MOC in this preparation. Proposal should recommend: (1) If a W-IOP will start in the next 24 h. (2) If so when & where DOW deployed, (3) when S-Pol and RONSARD begin ops and which scan strategies they should employ, and (4) what aircraft flights would be useful. 1030-1130: Chair POC daily meeting if POD not available because of dry MAP flights. Assist POD to coordinate Dry MAP aircraft	Participate in Mission Selection Team decision regarding use of aircraft in next day. Otherwise... Assist POD to coordinate Dry MAP aircraft Check on S-Pol, RONSARD, Mt. Lema, DOW, and OPRA data (reflectivity, radial velocity, particle types). Recommend changes in S-Pol and RONSARD scan strategies as weather and operational conditions warrant. If this is first non-IOP day following the conclusion of a W-IOP, conduct a W-IOP debrief of all the wet MAP personnel at the POC with the MOC wet MAP scientists participating by phone	off
	POD	off	Act as PAC, otherwise: 0600-0800: Review facility status. 0800-0845: Attend weather and facility briefing. 1030-1130: Chair POC daily meeting. In first half of meeting lead POC discussion to review project status and activate DOW, S-Pol and RONSARD if called for in today's Wet MAP proposal. At 1100 join with MOC meeting via phone to discuss aircraft proposals.	If W-IOP has been declared activate DOW, S-Pol, and RONSARD at the appropriate times. Act as PAC	Act as PAC till end of flight, then off
	PAC	off	Communicate with and help to coordinate Dry MAP aircraft	same as 6-12	Same as 12-18 till end of flight
	PES	off	Monitor data flow from radar sites. Monitor computing and communications equipment	same as 6-12	Same as 12-18 till end of flight
	PRS	off	Checkovernight weather data for precip occurrence. If precip has started, alert the POD and begin making MtZebra-based hourly regional radar composites and entering them on JOSS catalog. Enter real-time aircraft positions in MtZebra.	Enter real-time aircraft positions in MtZebra. Obtain final flight tracks from airborne mission scientists and ingest them in MtZebra. Prepare IOP summary with final aircraft tracks, terrain, and precipitation (if present).	off

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W-IOP no A/C	PCD	off	Chair weather and facility briefing (0800-0845). Available for questions and problems related to the POC activities. Coordinate nowcasting support.	Available for questions and problems related to the POC activities. Coordinate nowcasting.	off
	PSC	off	0600-0800: Review current weather and project status. 0800-0845: Attend weather and facility briefing. 0845-0900: Call MOC Science Coordinator for preliminary discussion of today's activities. 0900-1030: Lead POC participants in preparation of today's Wet MAP science proposal. Consult via video or phone with PI's at MOC in this preparation. Proposal should recommend: (1) If a W-IOP will start in the next 24 h. (2) If so when & where DOW deployed, (3) when S-Pol and RONSARD begin ops and which scan strategies they should employ, and (4) what aircraft flights would be useful.	Participate in Mission Selection Team decision regarding use of aircraft in next day. Otherwise: Check on S-Pol, RONSARD, Mt. Lema, DOW, and OPRA data (reflectivity, radial velocity, particle types). Recommend changes in S-Pol and RONSARD scan strategies as weather and operational conditions warrant. Prepare data for IOP summary of this W-IOP.	off
	POD	off	0600-0800: Review facility status. 0800-0845: Attend weather and facility briefing. 1030-1130: Chair POC daily meeting. In first half of meeting lead POC discussion to review project status and activate DOW, S-Pol and RONSARD if called for in today's Wet MAP proposal. At 1100 join with MOC meeting via phone to discuss aircraft proposals.	If W-IOP has been continued re-deploy DOW and notify S-Pol and RONSARD that they will be continuing operations and what scan strategies they will employ.	off
	PAC	NA	NA	NA	NA
	PES	automatic radar data recording	Monitor data flow from radar sites. Monitor computing and communications equipment. Make sure a/c track data is being entered into real time MtZebra as long as aircraft is up.	Same as 06-12.	off
	PRS	off	Make MtZebra-based hourly regional radar composites for nighttime hours and enter them on JOSS catalog. Gather information on status of all radars (S-Pol, RONSARD, Mt. Lema, DOW, OPRA, ETH, KMRR, Italian radars) and report to POD before 0700. Continue making and JOSS-cataloging half hourly regional composites. Include aircraft tracks.	Continue making and JOSS-cataloging half hourly regional composites. Download OPRA data, create OPRA time-height plots of reflectivity, and report findings to PSC. Start constructing IOP summary of this W-IOP. Include OPRA data in IOP summary. 1700-1800: Participate in final update meeting for the day	off

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Type of Event	Staff*	00-06 UTC	06-12 UTC	12-18 UTC	18-24 UTC
W-IOP with A/C	PCD	off	Chair weather and facility briefing (0800-0845). Available for questions and problems related to the POC activities. Coordinate nowcasting.	Available for questions and problems related to the POC activities. Coordinate nowcasting.	off
	PSC	Participate in decisions regarding takeoff times of Wet MAP aircraft as required.	Participate in decisions regarding takeoff times of Wet MAP aircraft as required. Otherwise... 0600-0800: Review current weather and project status. 0800-0845: Attend weather and facility briefing. 0845-0900: Call MOC Science Coordinator for preliminary discussion of today's activities. 0900-1030: Lead POC participants in preparation of today's Wet MAP science proposal. Consult via video or phone with PI's at MOC in this preparation. Proposal should recommend: (1) If a W-IOP will start in the next 24 h. (2) If so when & where DOW deployed, (3) when S-Pol and RONSARD begin ops and which scan strategies they should employ, and (4) what aircraft flights would be useful.	Participate in decisions regarding takeoff times of Wet MAP aircraft as required. Otherwise: Check on S-Pol, RONSARD, Mt. Lema, DOW, and OPRA data (reflectivity, radial velocity, particle types). Recommend changes in S-Pol and RONSARD scan strategies as weather and operational conditions warrant. Prepare data for IOP summary of this W-IOP. 1700-1800: Participate in final update meeting for the day	off
	POD	off	0600-0800: Review facility status. 0800-0845: Attend weather and facility briefing. 0845-10:30 Substitute for PSC as needed. 1030-1130: Chair POC daily meeting. In first half of meeting lead POC discussion to review project status and activate DOW, S-Pol and RONSARD if called for in today's Wet MAP proposal. At 1100 join with MOC meeting via phone to discuss aircraft proposals.	If W-IOP has been declared activate DOW, S-Pol, and RONSARD at the appropriate times. 1700-1800: Conduct final update meeting for the day	off
	PAC	NA	Communicate with aircraft	Same as 06-12	Same as 12-18 till end of flight
	PES	automatic radar data recording	Monitor data flow from radar sites. Monitor computing and communications equipment	Same as 06-12. 1700-1800: Participate in final update meeting for the day	Same as 12-18 till end of a/c flight, then automatic radar data recording
	PRS	off	Enter real-time flight tracks into MtZebra. Make MtZebra-based hourly regional radar composites for nighttime hours and enter them on JOSS catalog. Gather information on status of all radars (S-Pol, RONSARD, Mt. Lema, DOW, OPRA, ETH, KMRR, Italian radars) and report to POD before 0700. Continue making and JOSS-cataloging half hourly regional composites. Include aircraft tracks.	Continue making and JOSS-cataloging half hourly regional composites. Download OPRA data, create OPRA time-height plots of reflectivity, and report findings to PSC. Start constructing IOP summary of this W-IOP. Obtain final flight tracks from a/c scientists and ingest them into MtZebra. Include flight tracks and OPRA data in IOP summary. 1700-1800: Participate in final update meeting for the day	Same as 12-18 till end of a/c flight, then off

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