

SCIENCE DESIGN FILE MEMORANDUM #311

DATE:
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 SUBJECT: MISR/AirMISR/PARABOLA Coincident Data Sets
 DOCUMENT LOCATION: /data/ifrcc/sdfm/sdfm311_coincident.fm

January 21, 2004

This table lists all known MISR-AirMISR concurrent data sets, together with PARABOLA availability, it will be updated as needed. Data quality is barely addressed, more information can be gathered from the MISR Validation Results web pages.

Table 1: Concurrent MISR-AirMISR data sets as of December 18, 2003

Date & Location	AirMISR Case Name	AirMISR Run # at Overpass	AirMISR Notes	MISR Orbit	MISR Path	MISR Block	PARAB OLA Data
Mar 3, 2000, SGP_Lamont	000303_wisc_arm	Run 2, cloudy	Runs 3 & 4 also cloudy	1112	028	61	Yes
Mar 12, 2000, SGP_Lamont	000312_arm	Run 1, thin cirrus	Run 2 also clear	1243	027	61	Yes
June 11, 2000, Lunar Lake	000611_lunar_lake	Run 3, clear	Runs 1, 4-6 also clear	2569	060	60	Yes

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Sept 7, 2000, SAFARI 2000, Skukuza	000907_kruger	Run 1, fire/smoke	Runs 2-9, clear to cloudy	3844	169	110	No
Sept 13, 2000, SAFARI 2000, Atlantic Ocean	000913_namibia	Run 2, partially cloudy, edge of MISR swath	Runs 5-8, clear to hazy, over land	3932	179	109	No
Sept 14, 2000 SAFARI 2000, Botswana	000914_namibia	Run 1, clear	Runs 2-14 clear to cloudy, east of ground track	3946	170	109	No
June 30, 2001, Railroad Valley	010630_lunar_lake_old	Run 2, clear	Run 1 too far north	8161	040	060	No
June 30, 2001, Lunar Lake	010630_lunar_lake_old	Run 4, clear	Run 3 too far north	8161	040	060	No
July 12, 2001, Chesapeake	010712_clams	Run 7	Runs 1-6, 8-9	8334	012	063	No
July 17, 2001, Chesapeake	010717_clams	Run 9	Runs 1-8	8407	015	061	No
Aug 02, 2001, Chesapeake	010802_clams	Run 2	Run 1	8640	015	061	No
May 16 2002, Rogers Lake	020516_rogers_lake	Run 1	Nadir view only	12821	40	63	No
May 16 2002 Owens Lake	020516_rogers_lake		Run 2, 9 camera angles	12821	40	61	No

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June 6, 2002 Tulare Farms	020606_tulare	Run 4	7 runs, different angles over site	13127	43	62	No
June 10, 2002 Railroad Valley	020610_ivanpah		Run 1, just before overpass	13185	39	60	Yes
June 10, 2002 Ivanpah	020610_ivanpah		Runs 2 & 3, after overpass	13185	39	62	No
July 19, 2002 Railroad Valley	020719_railroad_valley	Run 1	Runs 2, 3, & 4	13753	40	60	No
June 13, 2003 Railroad Valley	030613_rrv	Run 3 missing southern camera views	Runs 1-2, 4-8 all missing aft camera views	18544	39	60	Yes
July 22, 2003 Railroad Valley	030722_rAn 030722_rrv	Run 1	Runs 1 & 4 along-track, missing aft camera views, runs 2 & 3 cross-track	19112	40	60	July 6
Aug 26, 2003 Chesapeake	030826_chesapeake	Run 1, parallel to MISR ground track	Run 2, almost due north	19620	13	61	No
Aug 28, 2003 Howland	030828_howland		Runs 1-3 after overpass	19649	11	54	No
Oct 3, 2003 Ivanpah	031003_Ivanpah	Run 4, which is incomplete	Runs 1-3 before overpass and complete	20175	39	62	No

This table has additional PARABOLA cases where MISR had an overpass, but there were not any AirMISR runs.

Table 2: MISR/PARABOLA concurrent data sets

Date	Location
May 10, 2000	Lunar Lake
Jun 11, 2000	Lunar Lake
Aug 27, 2000	Sua Pan
Sep 3, 2000	Sua Pan
Sep 23, 2000	Skukuza
Oct 2, 2000	Skukuza
May 29, 2001	Lunar Lake
Jun 5, 2001	Lunar Lake
Jun 14, 2001	Lunar Lake
Jun 21, 2001	Lunar Lake