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MISR

Multi-angle Imaging SpectroRadiometer

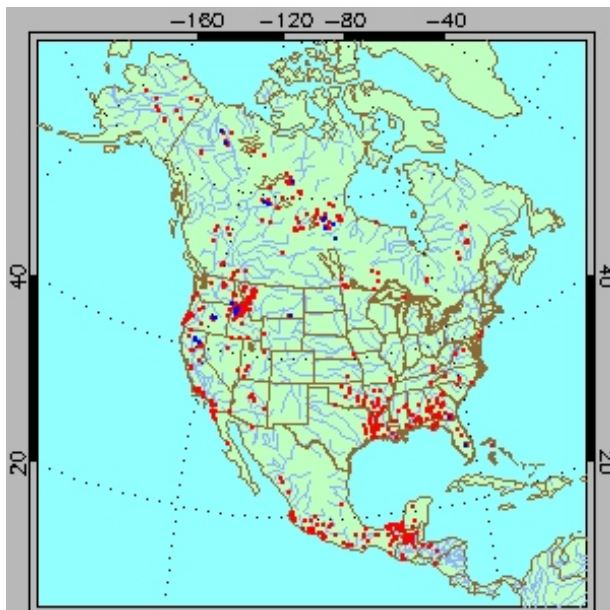
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MISR Plume Height Climatology Project

North America, 2007

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Created using the **MINX** software and **ColdFusion**
David Nelson, Cecelia Lawshe, Dominic Mazzoni,
David Diner, Ralph Kahn



red = smoke plume
blue = smoke cloud
green = clear land

Date Plumes Processed: 08/06/2008
Number of orbits with plumes: 158
Number of plumes processed: 580
Number of plumes w/ wind-corr hts: 574
Number of plumes w/ power estimate: 510
Number of plumes w/ hts and power: 503
Total area of plumes: 92150 sq km
Total radiative power of plumes: 237497 MW
Median value of plume median hts: 1317 meters ASL
Median value of plume top hts: 1620 meters ASL
Median # of data points/plume: 57
Median # of best-wind hts/plume: 17

[Ten-day Plume Statistics](#)

[Project Summary Files](#)

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Orbits/Block Ranges	Date Acquired	# Plumes
038377 - B65-79	03/06/2007	10
038392 - B61-63	03/07/2007	3
038406 - B62-67	03/08/2007	25
038435 - B67-67	03/10/2007	1
038464 - B59-59	03/12/2007	1
038479 - B76-77	03/13/2007	2
038523 - B61-63	03/16/2007	4

038552 - B63-63	03/18/2007	1
038566 - B63-63	03/19/2007	1
038595 - B59-63	03/21/2007	2
038610 - B66-78	03/22/2007	2
038639 - B63-63	03/24/2007	1
038668 - B60-80	03/26/2007	2
038697 - B63-69	03/28/2007	2
038872 - B74-78	04/09/2007	4
038887 - B73-73	04/10/2007	1
038916 - B65-66	04/12/2007	6
038960 - B75-76	04/15/2007	3
038974 - B66-66	04/16/2007	2
038989 - B58-76	04/17/2007	3
039032 - B67-67	04/20/2007	1
039047 - B65-66	04/21/2007	3
039061 - B70-70	04/22/2007	1
039062 - B75-75	04/22/2007	1
039076 - B77-77	04/23/2007	2
039105 - B76-78	04/25/2007	6
039120 - B77-77	04/26/2007	1
039149 - B76-78	04/28/2007	2
039150 - B48-48	04/28/2007	1
039164 - B50-51	04/29/2007	2
039178 - B76-77	04/30/2007	7
039193 - B76-76	05/01/2007	3
039207 - B65-78	05/02/2007	17
039222 - B75-76	05/03/2007	5
039236 - B66-78	05/04/2007	4
039251 - B76-77	05/05/2007	3
039280 - B77-77	05/07/2007	2
039296 - B56-56	05/08/2007	2
039309 - B76-76	05/09/2007	3
039324 - B50-76	05/10/2007	6
039338 - B76-78	05/11/2007	7
039339 - B66-66	05/11/2007	1
039353 - B50-52	05/12/2007	4
039367 - B66-79	05/13/2007	2
039382 - B62-65	05/14/2007	2
039397 - B71-71	05/15/2007	1
039455 - B63-76	05/19/2007	5
039469 - B66-66	05/20/2007	4
039513 - B76-77	05/23/2007	4
039545 - B39-39	05/25/2007	2

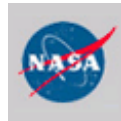
039557 - B77-77	05/26/2007	1
039630 - B71-74	05/31/2007	8
039645 - B46-60	06/01/2007	2
039660 - B43-43	06/02/2007	2
039689 - B43-45	06/04/2007	2
039719 - B38-38	06/06/2007	2
039762 - B42-43	06/09/2007	6
039775 - B76-76	06/10/2007	2
039776 - B45-46	06/10/2007	8
039820 - B43-43	06/13/2007	4
039833 - B51-51	06/14/2007	1
039862 - B48-51	06/16/2007	6
039893 - B41-41	06/18/2007	1
039923 - B40-40	06/20/2007	3
039935 - B62-62	06/21/2007	1
039938 - B38-39	06/21/2007	4
039952 - B38-38	06/22/2007	5
039964 - B68-68	06/23/2007	1
039981 - B38-38	06/24/2007	2
039993 - B51-51	06/25/2007	1
040008 - B76-76	06/26/2007	2
040009 - B56-56	06/26/2007	1
040024 - B43-59	06/27/2007	3
040053 - B40-41	06/29/2007	5
040068 - B38-38	06/30/2007	2
040082 - B40-44	07/01/2007	7
040110 - B76-76	07/03/2007	1
040111 - B58-60	07/03/2007	3
040113 - B35-39	07/03/2007	3
040140 - B43-64	07/05/2007	3
040155 - B40-63	07/06/2007	3
040157 - B38-38	07/06/2007	1
040184 - B55-63	07/08/2007	3
040186 - B38-38	07/08/2007	2
040197 - B60-60	07/09/2007	1
040213 - B57-60	07/10/2007	2
040215 - B35-35	07/10/2007	1
040241 - B76-76	07/12/2007	1
040257 - B43-57	07/13/2007	7
040286 - B40-63	07/15/2007	9
040300 - B43-46	07/16/2007	10
040315 - B41-57	07/17/2007	11
040343 - B76-76	07/19/2007	1

040344 - B43-61	07/19/2007	5
040388 - B43-63	07/22/2007	6
040402 - B44-45	07/23/2007	13
040416 - B46-63	07/24/2007	4
040417 - B54-54	07/24/2007	2
040491 - B36-37	07/29/2007	2
040519 - B50-63	07/31/2007	16
040548 - B52-52	08/02/2007	5
040562 - B51-51	08/03/2007	2
040576 - B53-64	08/04/2007	3
040621 - B54-63	08/07/2007	2
040649 - B63-66	08/09/2007	2
040650 - B52-63	08/09/2007	8
040678 - B63-63	08/11/2007	3
040722 - B61-61	08/14/2007	1
040737 - B54-54	08/15/2007	2
040751 - B63-63	08/16/2007	1
040781 - B52-55	08/18/2007	19
040854 - B53-63	08/23/2007	5
040883 - B52-63	08/25/2007	10
040911 - B63-63	08/27/2007	1
040912 - B54-64	08/27/2007	5
041014 - B52-55	09/03/2007	16
041058 - B58-58	09/06/2007	1
041087 - B58-61	09/08/2007	5
041115 - B66-66	09/10/2007	1
041116 - B52-58	09/10/2007	6
041145 - B53-54	09/12/2007	6
041160 - B52-52	09/13/2007	1
041162 - B33-33	09/13/2007	1
041189 - B52-59	09/15/2007	3
041246 - B63-66	09/19/2007	5
041275 - B61-61	09/21/2007	1
041333 - B64-66	09/25/2007	2
041406 - B66-66	09/30/2007	1
041435 - B61-65	10/02/2007	5
041450 - B66-66	10/03/2007	1
041466 - B46-46	10/04/2007	1
041566 - B64-66	10/11/2007	4
041568 - B47-48	10/11/2007	2
041581 - B63-67	10/12/2007	8
041610 - B67-67	10/14/2007	1
041626 - B52-52	10/15/2007	1

041639 - B52-64	10/16/2007	2
041640 - B63-63	10/16/2007	2
041655 - B50-50	10/17/2007	2
041713 - B63-65	10/21/2007	7
041728 - B54-56	10/22/2007	5
041742 - B62-67	10/23/2007	3
041770 - B52-52	10/25/2007	1
041771 - B63-63	10/25/2007	1
041786 - B51-53	10/26/2007	4
041814 - B50-67	10/28/2007	4
041815 - B64-64	10/28/2007	3
041843 - B65-66	10/30/2007	3
041859 - B56-56	10/31/2007	1
041945 - B61-65	11/06/2007	7
041961 - B54-57	11/07/2007	2
041974 - B64-65	11/08/2007	2
041975 - B62-63	11/08/2007	2
041990 - B55-58	11/09/2007	2
042063 - B46-46	11/14/2007	1
042076 - B65-67	11/15/2007	5
042194 - B47-56	11/23/2007	5
042223 - B56-56	11/25/2007	3
042294 - B69-69	11/30/2007	0



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