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MISR

Multi-angle Imaging SpectroRadiometer

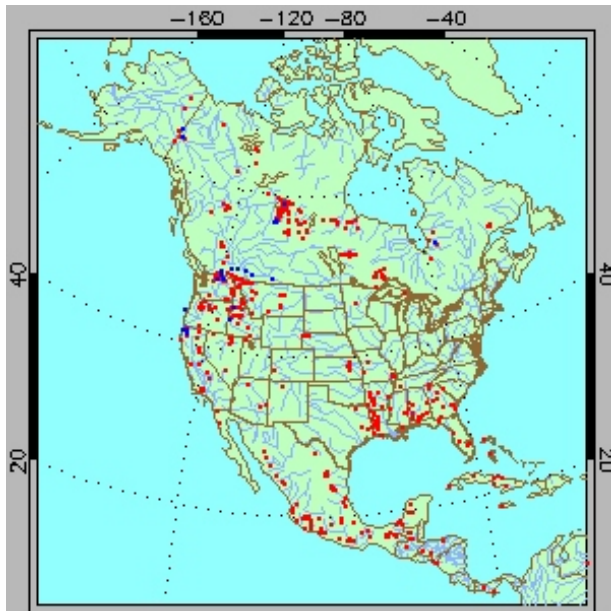
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MISR Plume Height Climatology Project

North America, 2006

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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: 05/19/2008
Number of orbits with plumes: 130
Number of plumes processed: 463
Number of plumes w/ wind-corr hts: 453
Number of plumes w/ power estimate: 439
Number of plumes w/ hts and power: 428
Total area of plumes: 106399 sq km
Total radiative power of plumes: 253488 MW
Median value of plume median hts: 1773 meters ASL
Median value of plume top hts: 2191 meters ASL
Median # of data points/plume: 77
Median # of best-wind hts/plume: 20

[Ten-day Plume Statistics](#)
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Orbits/Block Ranges	Date Acquired	# Plumes
033018 - B62-66	03/03/2006	6
033062 - B63-75	03/06/2006	4
033076 - B63-80	03/07/2006	6
033105 - B72-72	03/09/2006	1
033164 - B70-75	03/13/2006	3
033193 - B62-66	03/15/2006	6
033251 - B75-78	03/19/2006	3

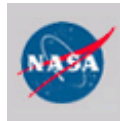
033265 - B73-74	03/20/2006	2
033280 - B78-78	03/21/2006	2
033353 - B76-76	03/26/2006	1
033367 - B84-84	03/27/2006	2
033382 - B66-66	03/28/2006	1
033397 - B59-59	03/29/2006	1
033411 - B63-79	03/30/2006	2
033440 - B73-73	04/01/2006	1
033469 - B69-71	04/03/2006	2
033483 - B84-84	04/04/2006	1
033484 - B74-75	04/04/2006	2
033499 - B70-76	04/05/2006	6
033513 - B66-66	04/06/2006	2
033528 - B72-77	04/07/2006	5
033601 - B59-75	04/12/2006	6
033615 - B63-63	04/13/2006	1
033630 - B54-72	04/14/2006	3
033644 - B64-64	04/15/2006	1
033659 - B73-77	04/16/2006	3
033688 - B67-67	04/18/2006	2
033717 - B76-77	04/20/2006	5
033731 - B76-76	04/21/2006	1
033732 - B76-76	04/21/2006	2
033790 - B76-77	04/25/2006	3
033819 - B53-77	04/27/2006	4
033834 - B75-75	04/28/2006	2
033835 - B57-57	04/28/2006	1
033848 - B76-77	04/29/2006	6
033864 - B56-56	04/30/2006	1
033951 - B62-62	05/06/2006	1
033965 - B75-76	05/07/2006	6
033979 - B77-77	05/08/2006	1
033994 - B74-77	05/09/2006	3
034007 - B83-83	05/10/2006	1
034009 - B70-70	05/10/2006	1
034023 - B76-77	05/11/2006	3
034037 - B69-69	05/12/2006	2
034066 - B73-74	05/14/2006	3
034067 - B68-76	05/14/2006	5
034081 - B50-50	05/15/2006	1
034097 - B51-51	05/16/2006	1
034110 - B49-49	05/17/2006	1
034125 - B65-66	05/18/2006	7

034139 - B65-65	05/19/2006	2
034140 - B71-71	05/19/2006	1
034270 - B69-69	05/28/2006	1
034271 - B71-74	05/28/2006	2
034300 - B75-75	05/30/2006	1
034315 - B60-60	05/31/2006	1
034343 - B78-78	06/02/2006	1
034373 - B71-71	06/04/2006	1
034388 - B43-45	06/05/2006	7
034430 - B49-49	06/08/2006	3
034489 - B63-66	06/12/2006	3
034519 - B66-66	06/14/2006	1
034547 - B48-48	06/16/2006	3
034548 - B63-63	06/16/2006	1
034550 - B36-36	06/16/2006	1
034563 - B43-43	06/17/2006	2
034577 - B68-69	06/18/2006	2
034592 - B43-43	06/19/2006	6
034679 - B61-64	06/25/2006	2
034694 - B43-58	06/26/2006	15
034708 - B45-45	06/27/2006	5
034723 - B44-45	06/28/2006	6
034737 - B45-46	06/29/2006	9
034752 - B45-46	06/30/2006	8
034767 - B57-57	07/01/2006	1
034796 - B44-44	07/03/2006	6
034811 - B44-45	07/04/2006	6
034825 - B45-45	07/05/2006	4
034839 - B48-48	07/06/2006	1
034898 - B61-61	07/10/2006	1
034985 - B52-53	07/16/2006	4
035014 - B52-53	07/18/2006	3
035044 - B38-39	07/20/2006	2
035045 - B37-40	07/20/2006	2
035058 - B43-61	07/21/2006	4
035103 - B39-40	07/24/2006	5
035131 - B50-58	07/26/2006	6
035160 - B43-60	07/28/2006	10
035174 - B56-56	07/29/2006	3
035189 - B51-55	07/30/2006	2
035204 - B57-57	07/31/2006	0
035234 - B36-36	08/02/2006	1
035248 - B38-38	08/03/2006	1

035262 - B55-55	08/04/2006	1
035277 - B38-41	08/05/2006	2
035291 - B51-54	08/06/2006	3
035320 - B43-57	08/08/2006	3
035335 - B54-54	08/09/2006	1
035393 - B43-62	08/13/2006	6
035421 - B64-65	08/15/2006	4
035422 - B56-58	08/15/2006	4
035466 - B51-55	08/18/2006	7
035553 - B54-55	08/24/2006	2
035568 - B51-51	08/25/2006	3
035597 - B50-58	08/27/2006	10
035626 - B54-55	08/29/2006	5
035670 - B51-57	09/01/2006	6
035671 - B74-74	09/01/2006	1
035699 - B57-58	09/03/2006	6
035728 - B50-54	09/05/2006	10
035757 - B52-63	09/07/2006	7
035772 - B48-48	09/08/2006	3
035800 - B48-49	09/10/2006	10
035829 - B49-49	09/12/2006	2
035830 - B51-59	09/12/2006	10
035858 - B50-64	09/14/2006	14
035887 - B61-63	09/16/2006	3
035945 - B65-65	09/20/2006	2
035961 - B59-59	09/21/2006	1
035990 - B63-63	09/23/2006	4
036019 - B65-65	09/25/2006	1
036034 - B56-58	09/26/2006	7
036047 - B64-66	09/27/2006	6
036063 - B52-58	09/28/2006	8
036076 - B64-66	09/29/2006	6
036092 - B52-56	09/30/2006	3
036222 - B64-66	10/09/2006	5
036398 - B49-55	10/21/2006	3
036427 - B51-58	10/23/2006	8
036469 - B66-69	10/26/2006	2
036529 - B52-58	10/30/2006	2



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5/18/2009

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