



























DISCOVER-AQ UC-12 Flight/Profile Times

Summer 2011 Deployment

*** UC-12 Flight Tracks over Ground Sites  ***

| Flt # | Date | Location | Take-Off hh:mm:ss (seconds) | Landing hh:mm:ss (seconds) | Site Flags (1sec) (ReadMe) |
|-------|------------|----------------------|-----------------------------------|----------------------------------|---|
| 1L1 | 2011-07-01 | Washington-Baltimore | 13:35:04 (48904) | 17:43:30 (63810) | RF01 L1  |
| 1L2 | 2011-07-01 | Washington-Baltimore | 18:48:04 (67684) | 21:57:16 (79036) | RF01 L2  |
| 2L1 | 2011-07-02 | Washington-Baltimore | 13:47:30 (49650) | 17:48:10 (64090) | RF02 L1  |
| 2L2 | 2011-07-02 | Washington-Baltimore | 18:38:35 (67115) | 22:04:52 (79492) | RF02 L2  |
| 3L1 | 2011-07-05 | Washington-Baltimore | 08:58:08 (32288) | 12:45:29 (45929) | RF03 L1  |
| 3L2 | 2011-07-05 | Washington-Baltimore | 13:44:51 (49491) | 17:15:35 (62135) | RF03 L2  |
| 4L1 | 2011-07-10 | Washington-Baltimore | 13:04:16 (47056) | 16:56:09 (60969) | RF04 L1  |
| 4L2 | 2011-07-10 | Washington-Baltimore | 17:58:52 (64732) | 21:26:05 (77165) | RF04 L2  |
| 5L1 | 2011-07-11 | Washington-Baltimore | 14:21:44 (51704) | 18:03:30 (65017) | RF05 L1  |
| 5L2 | 2011-07-11 | Washington-Baltimore | 19:00:14 (68414) | 22:55:21 (82521) | RF05 L2  |
| 6L1 | 2011-07-14 | Washington-Baltimore | 11:26:27 (41187) | 15:19:59 (55199) | RF06 L1  |
| 6L2 | 2011-07-14 | Washington-Baltimore | 16:11:42 (58302) | 19:59:32 (71972) | RF06 L2  |
| 7L1 | 2011-07-16 | Washington-Baltimore | 13:51:02 (49862) | 18:09:44 (65384) | RF07 L1  |
| 8L1 | 2011-07-20 | Washington-Baltimore | 13:24:03 (48243) | 17:00:49 (61249) | RF08 L1  |
| 8L2 | 2011-07-20 | Washington-Baltimore | 17:49:57 (64197) | 21:34:57 (77697) | RF08 L2  |
| 9L1 | 2011-07-21 | Washington-Baltimore | 13:53:48 (50028) | 17:40:00 (63600) | RF09 L1  |
| 9L2 | 2011-07-21 | Washington-Baltimore | 18:38:41 (67121) | 22:25:00 (80700) | RF09 L2  |
| 10L1 | 2011-07-22 | Washington-Baltimore | 12:52:15 (46335) | 16:31:33 (59493) | RF10 L1  |
| 10L2 | 2011-07-22 | Washington-Baltimore | 17:38:19 (63499) | 21:03:59 (75839) | RF10 L2  |
| 11L1 | 2011-07-26 | Washington-Baltimore | 10:36:10 (38170) | 14:26:35 (51995) | RF11 L1  |
| 11L2 | 2011-07-26 | Washington-Baltimore | 15:16:46 (55006) | 19:01:10 (68470) | RF11 L2  |
| 12L1 | 2011-07-27 | Washington-Baltimore | 13:23:34 (48214) | 17:10:28 (61828) | RF12 L1  |
| 12L2 | 2011-07-27 | Washington-Baltimore | 18:00:57 (64857) | 20:57:01 (75421) | RF12 L2  |
| 13L1 | 2011-07-28 | Washington-Baltimore | 13:52:23 (49943) | 17:42:46 (63766) | RF13 L1  |
| 14L1 | 2011-07-29 | Washington-Baltimore | 15:41:42 (52502) | 18:20:54 (66054) | RF14 L1  |
| 14L2 | 2011-07-29 | Washington-Baltimore | 19:21:27 (69687) | 23:12:34 (83554) | RF14 L2  |

