

Iridium Outage

2024-11-21 18:46z – 2024-11-22 02:50z

Impact Overview

| Center | Total Impacted Flights | Start of Outage | End of Outage | Duration (Minutes) | ATC Alert Declared | ATC Alert Cancelled | LIR Ticket # |
|--------|------------------------|------------------|------------------|--------------------|--------------------|---------------------|----------------------|
| KZAK | 138 | 2024-11-21 18:46 | 2024-11-22 02:50 | 484 | 2024-11-21 22:08 | 2024-11-22 04:39 | 900121924, 900165124 |
| KZNY | 103 | 2024-11-21 18:46 | 2024-11-22 02:50 | 484 | 2024-11-21 21:30 | 2024-11-22 04:16 | 924653632, 924640132 |
| PAZN | 17 | 2024-11-21 18:46 | 2024-11-22 02:50 | 484 | 2024-11-22 00:34 | 2024-11-22 04:30 | 900386424, 900386924 |

Other Notable Events

At all three sites, there were unsolicited altitude clearances issued due to the loss of reduced separation, at least 3 at Oakland, 1 at New York and 1 at Anchorage. At all three sites, flights were denied altitude requests due to the loss of ADS-C/CPDLC and reduced separation.

CSP Notifications

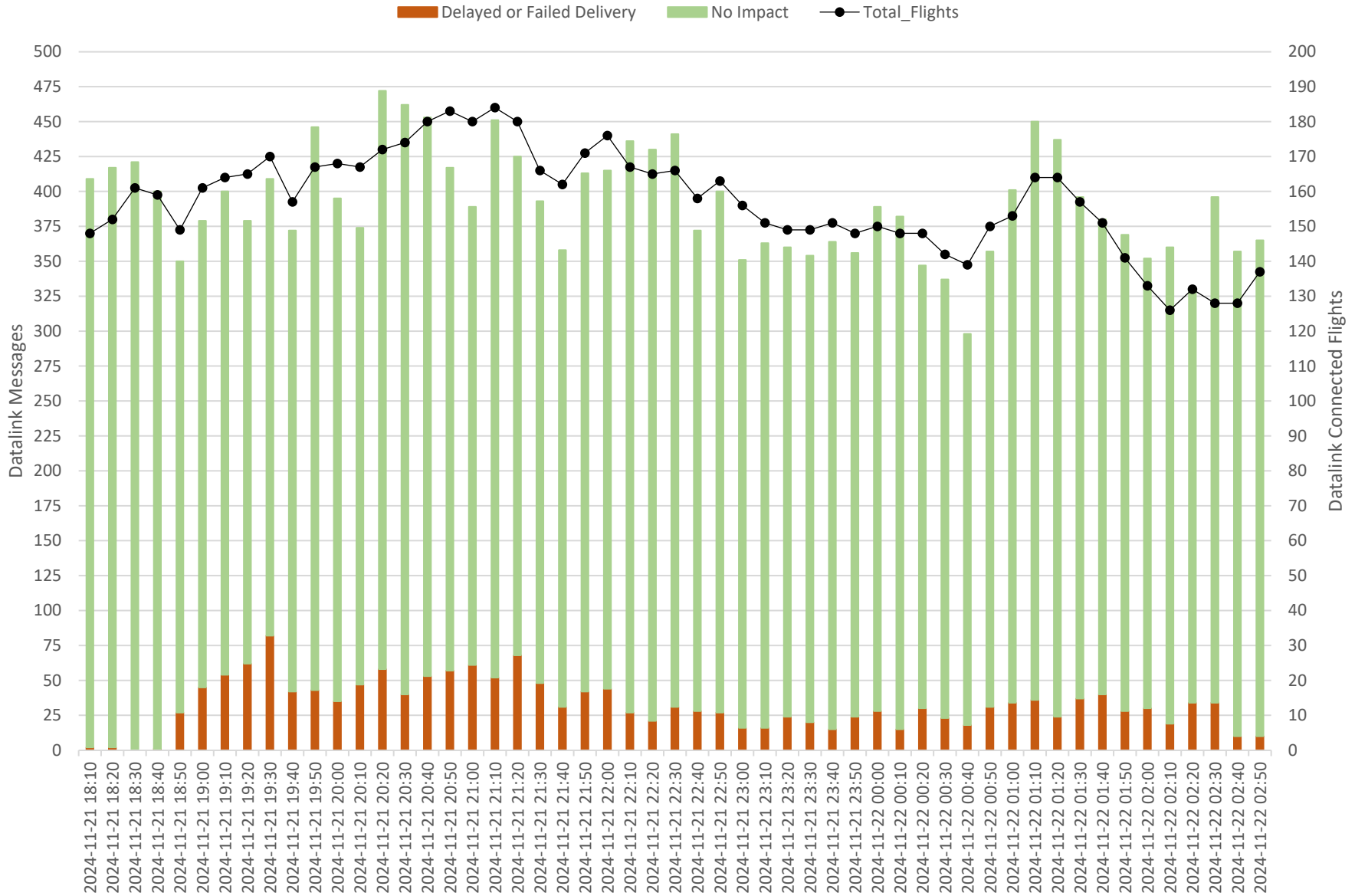
| Source | Email Receipt Time | Reported Start Time | Reported End Time | Ticket Number | Status |
|--------|----------------------|----------------------|----------------------|---------------|----------|
| ARINC | 2024-11-11 21:26:00z | 2024-11-21 16:00:00z | 2024-11-22 04:00:00z | 2335883 | Open |
| ARINC | 2024-11-12 23:21:00z | 2024-11-21 16:00:00z | 2024-11-22 04:00:00z | 2335883 | Update |
| ARINC | 2024-11-18 17:18:00z | 2024-11-21 16:00:00z | 2024-11-22 04:00:00z | 2335883 | Update |
| SITA | 2024-11-20 11:00:00z | 2024-11-21 16:00:00z | 2024-11-22 04:00:00z | CHG0068671 | Open |
| ARINC | 2024-11-20 14:40:00z | 2024-11-21 16:00:00z | 2024-11-22 04:00:00z | 2335883 | Update |
| ARINC | 2024-11-20 14:44:00z | 2024-11-21 16:00:00z | 2024-11-22 04:00:00z | 2335883 | Update |
| ARINC | 2024-11-21 14:54:00z | 2024-11-21 16:00:00z | 2024-11-22 04:00:00z | 2335883 | Update |
| ARINC | 2024-11-21 20:55:00z | 2024-11-21 20:13:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-21 20:57:00z | 2024-11-21 20:13:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-21 21:25:00z | 2024-11-21 20:13:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-21 21:26:00z | 2024-11-21 20:13:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-21 21:48:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-21 21:49:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| SITA | 2024-11-21 22:40:00z | 2024-11-21 18:45:00z | N/A | INC0167994 | Open |
| ARINC | 2024-11-21 22:51:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| SITA | 2024-11-21 23:40:00z | 2024-11-21 18:45:00z | N/A | INC0167994 | Update |
| ARINC | 2024-11-21 23:53:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-21 23:54:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-22 01:02:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-22 01:02:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| SITA | 2024-11-22 01:11:00z | 2024-11-21 18:45:00z | N/A | INC0167994 | Update |
| ARINC | 2024-11-22 01:59:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-22 01:59:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| SITA | 2024-11-22 02:55:00z | 2024-11-21 18:45:00z | N/A | INC0167994 | Update |
| ARINC | 2024-11-22 03:09:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-22 03:10:00z | 2024-11-21 18:45:00z | N/A | TT-2335883 | Update |
| ARINC | 2024-11-22 04:01:00z | 2024-11-21 18:45:00z | 2024-11-22 02:35:00z | TT-2335883 | Restoral |
| ARINC | 2024-11-22 04:03:00z | 2024-11-21 18:45:00z | 2024-11-22 02:35:00z | TT-2335883 | Restoral |
| SITA | 2024-11-22 05:11:00z | 2024-11-21 18:45:00z | 2024-11-22 04:00:00z | INC0167994 | Resolved |
| SITA | 2024-11-22 05:20:00z | 2024-11-21 16:00:00z | 2024-11-22 04:00:00z | CHG0068671 | Resolved |

CSP Notification Issues:

During the outage, both ARINC and SITA informed FAA representatives that the outage was **not** due to the scheduled maintenance, however notifications from ARINC regarding the outage were coded “TT,” or “Trouble Ticket,” appended to the ticket number for the planned maintenance. Also notable is that SITA, with whom the FAA directly contracts service, did not send out an outage notification until nearly four hours into the event.

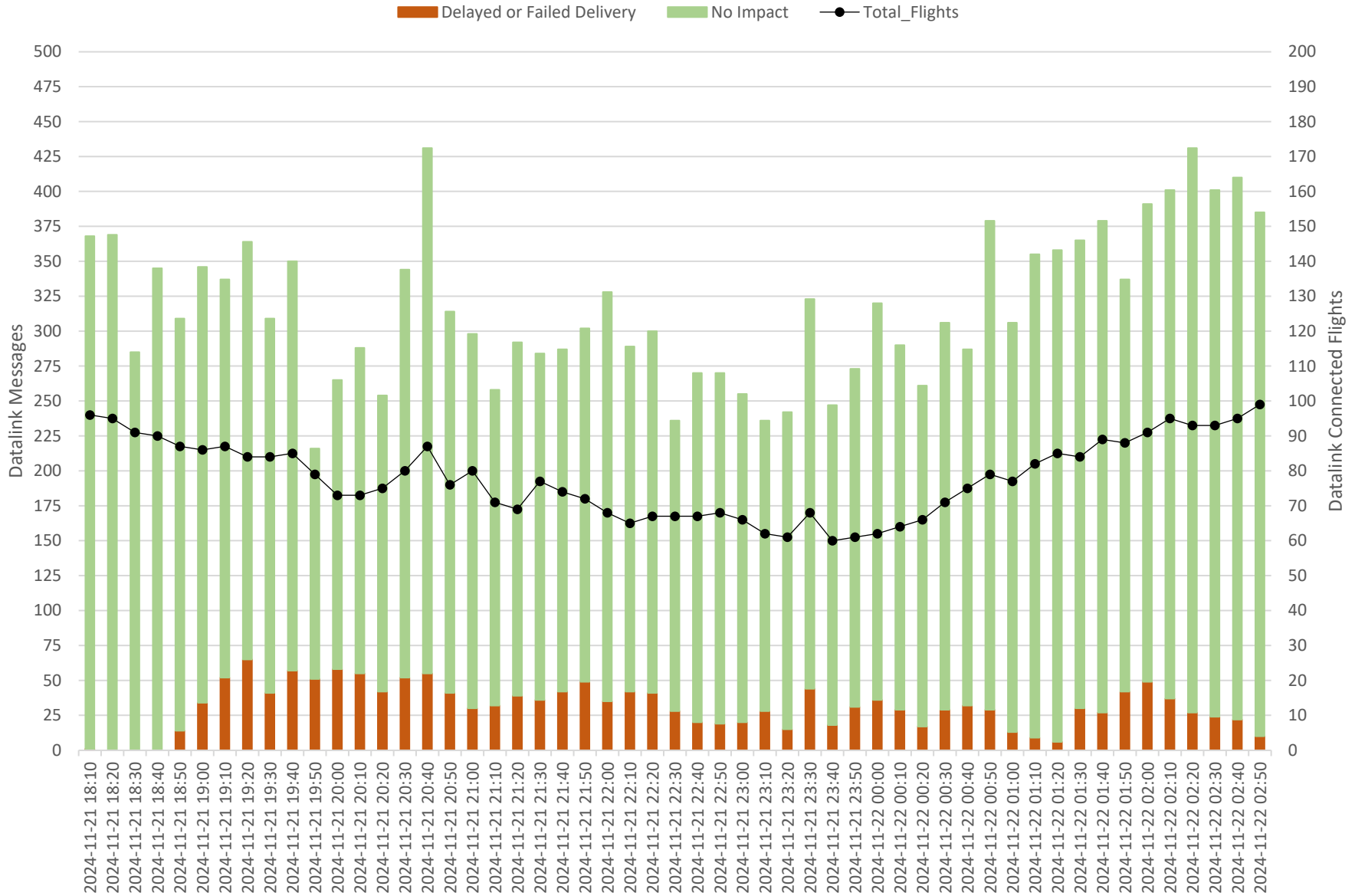
Iridium Outage - KZAK

2024-11-21 18:46z - 2024-11-22 02:50z



Iridium Outage - KZWY

2024-11-21 18:46z - 2024-11-22 02:50z



Iridium Outage - PAZN

2024-11-21 18:46z - 2024-11-22 02:50z

Delayed or Failed Delivery No Impact Total_Flights

