Nimbus−7 SBUV PMC Total Ice: NH 1982, latitude = 75°−82°
DAILY Total Ice [norm. to peak]
PEAK daily value = 55.0 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS−4
Nimbus−7 SBUV PMC Total Ice ANOMALY
DIFFERENCE [frac]
Reference st. dev.
Days from Solstice
16:07:04 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

Nimbus−7 SBUV PMC Total Ice: NH 1983, latitude = 75°−82°
PEAK daily value = 72.9 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS−7
DAILY Total Ice [norm. to peak]
Nimbus−7 SBUV PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:07:04 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

Nimbus−7 SBUV PMC Total Ice: NH 1985, latitude = 75°−82°
PEAK daily value = 78.4 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS−51F
STS−51G
DAILY Total Ice [norm. to peak]
Nimbus−7 SBUV PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:07:13 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: NH 1985, latitude = 75°-82°
DAILY Total Ice [norm. to peak]
PEAK daily value = 71.1 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS-51F
STS-51G
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
DIFFERENCE [frac]
Reference st. dev
Days from Solstice
16:07:24 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: NH 1989, latitude = 75°-82°
DAILY Total Ice [norm. to peak]
PEAK daily value = 106.4 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS-28
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
DIFFERENCE [frac]
Reference st. dev.
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:07:33 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: NH 1992, latitude = 75°-82°
DAILY Total Ice [norm. to peak]
PEAK daily value = 43.8 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS-46
STS-50
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
DIFFERENCE [frac]
Reference st. dev
Days from Solstice
16:07:45 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: NH 1993, latitude = 75°-82°
PEAK daily value = 93.8 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS-57
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
16:07:45 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: NH 1994, latitude = 75°-82°
PEAK daily value = 96.7 tons
ASCENDING node data
Reference curve
(Gaussian,m=4)
STS-65
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:07:45 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: NH 1995, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 135.1 tons
Reference curve
(Gaussian,n=4)
DAILY Total Ice [norm. to peak]
STS-70
STS-71
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:07:46 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: NH 1996, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 118.6 tons
Reference curve
(Gaussian,n=4)
STS-78
DAILY Total Ice [norm. to peak]
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:07:46 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−11 SBUV/2 PMC Total Ice: NH 1989, latitude = 75°−82°
PEAK daily value = 136.8 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS−28
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:07:57 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: NH 1991, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 55.7 tons
Reference curve
(Gaussian,n=4)
STS-43
STS-40
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA-11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
16:08:07 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: NH 1992, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 79.0 tons
Reference curve
(Gaussian,n=4)
STS-46
STS-50
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA-11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
16:08:08 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−11 SBUV/2 PMC Total Ice: NH 1993, latitude = 75°−82°
PEAK daily value = 111.9 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS−57
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:08 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: NH 1994, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 90.1 tons
Reference curve
(Gaussian,n=4)
STS-65
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:09 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

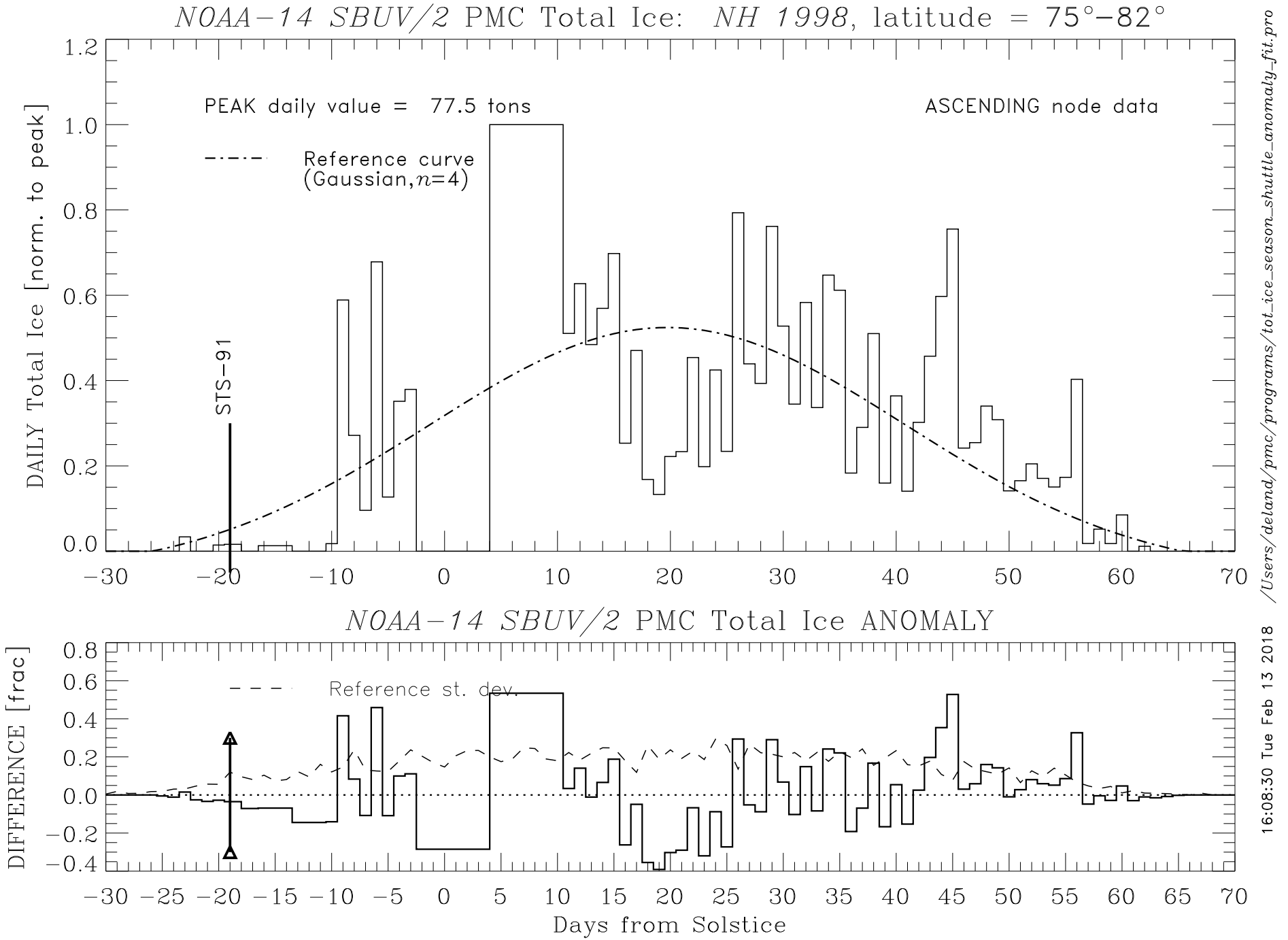
NOAA-11 SBUV/2 PMC Total Ice: NH 1998, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 91.2 tons
Reference curve
(Gaussian,n=4)
STS-91
DAILY Total Ice [norm. to peak]
NOAA-11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:08:18 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−11 SBUV/2 PMC Total Ice: NH 1999, latitude = 75°−82°
PEAK daily value = 106.3 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS-93
STS-96
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:19 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-14 SBUV/2 PMC Total Ice: NH 1995, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 127.1 tons
Reference curve
(Gaussian,n=4)
STS-70
STS-71
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:29 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−14 SBUV/2 PMC Total Ice: NH 1996, latitude = 75°−82°
PEAK daily value = 162.0 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS−78
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30 −20 −10 0 10 20 30 40 50 60 70
NOAA−14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:29 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-14 SBUV/2 PMC Total Ice: NH 1997, latitude = 75°-82°
PEAK daily value = 158.3 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS-85
STS-94
DAILY Total Ice [norm. to peak]
NOAA-14 SBUV/2 PMC Total Ice ANOMALY
Reference st. day
DIFFERENCE [frac]
Days from Solstice
16:08:29 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro


NOAA−14 SBUV/2 PMC Total Ice: NH 1998, latitude = 75°−82°
PEAK daily value = 77.5 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS−91
DAILY Total Ice [norm. to peak]
NOAA−14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro
16:08:30 Tue Feb 13 2018

NOAA-14 SBUV/2 PMC Total Ice: NH 1999, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 75.0 tons
Reference curve
(Gaussian,n=4)
STS-93
STS-96
DAILY Total Ice [norm. to peak]
NOAA-14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:08:30 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

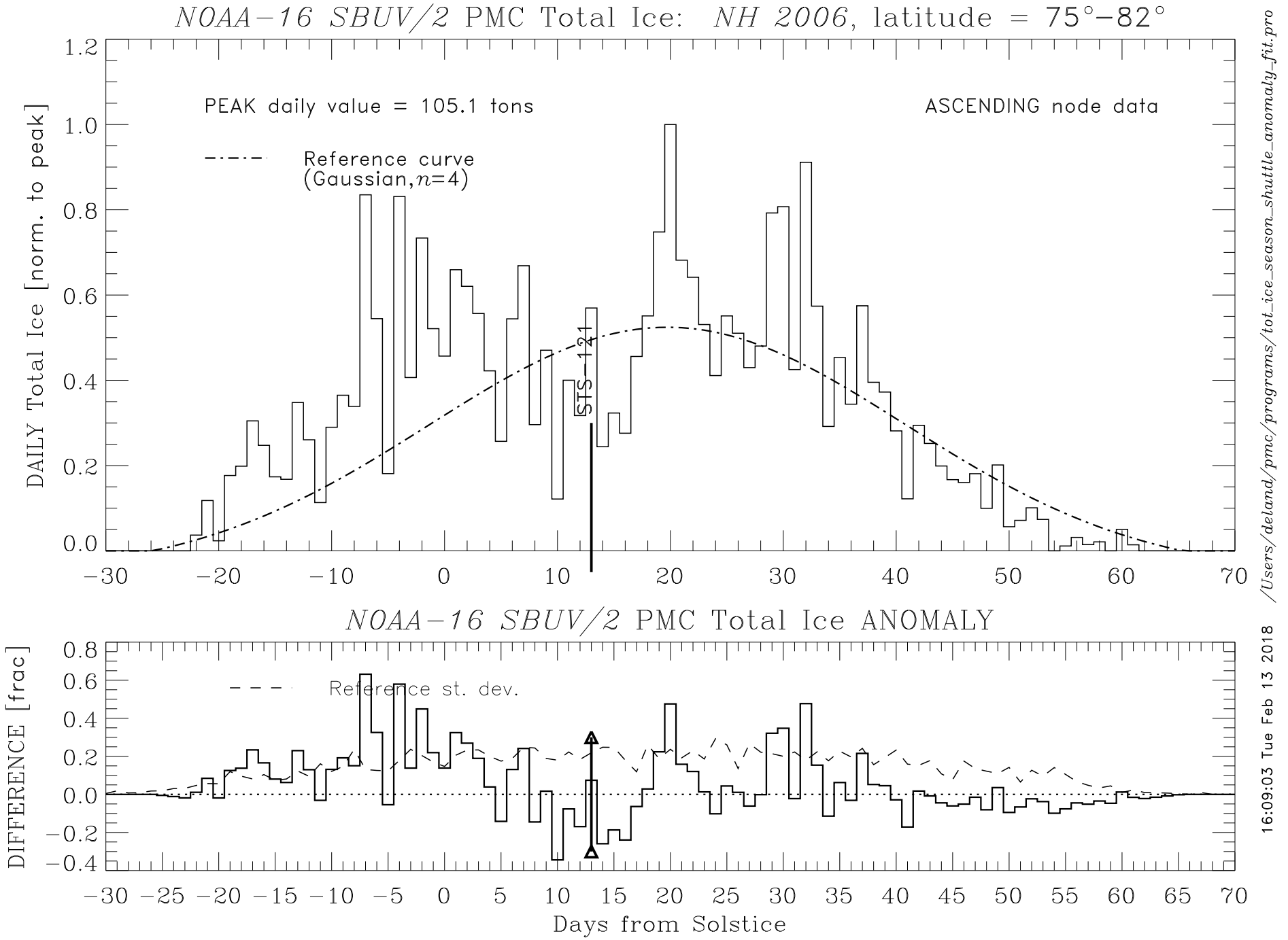
NOAA-14 SBUV/2 PMC Total Ice: NH 2005, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 92.8 tons
Reference curve
(Gaussian,n=4)
STS-114
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:40 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-14 SBUV/2 PMC Total Ice: NH 2006, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 86.1 tons
Reference curve
(Gaussian,n=4)
STS-121
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:40 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-16 SBUV/2 PMC Total Ice: NH 2001, latitude = 75°-82°
PEAK daily value = 76.1 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS-105
STS-104
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30 -20 -10 0 10 20 30 40 50 60 70
NOAA-16 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:50 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−16 SBUV/2 PMC Total Ice: NH 2002, latitude = 75°−82°
ASCENDING node data
PEAK daily value = 99.6 tons
Reference curve
(Gaussian,n=4)
STS−111
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−16 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:08:50 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-16 SBUV/2 PMC Total Ice: NH 2005, latitude = 75°-82°
PEAK daily value = 90.3 tons
Reference curve (Gaussian,n=4)
ASCENDING node data
STS-114
DAILY Total Ice [norm. to peak]
NOAA-16 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:09:03 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro


NOAA−16 SBUV/2 PMC Total Ice: NH 2006, latitude = 75°−82°
PEAK daily value = 105.1 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS−121
DAILY Total Ice [norm. to peak]
NOAA−16 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro
16:09:03 Tue Feb 13 2018

NOAA-16 SBUV/2 PMC Total Ice: NH 2007, latitude = 75°-82°
PEAK daily value = 126.5 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS-118
STS-117
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-16 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:03 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: NH 2005, latitude = 75°−82°
PEAK daily value = 97.4 tons
Reference curve (Gaussian,n=4)
ASCENDING node data
STS−114
DAILY Total Ice [norm. to peak]
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:09:14 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: NH 2006, latitude = 75°−82°
PEAK daily value = 133.2 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS−121
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:14 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: NH 2007, latitude = 75°−82°
ASCENDING node data
PEAK daily value = 107.4 tons
Reference curve
(Gaussian,n=4)
STS−118
STS−117
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:15 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: NH 2008, latitude = 75°−82°
ASCENDING node data
PEAK daily value = 92.5 tons
Reference curve
(Gaussian,n=4)
STS−124
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30 −20 −10 0 10 20 30 40 50 60 70
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:15 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: NH 2009, latitude = 75°−82°
DAILY Total Ice [norm. to peak]
PEAK daily value = 118.5 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS-127
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
DIFFERENCE [frac]
Reference st. dev.
Days from Solstice
16:09:15 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: NH 2011, latitude = 75°−82°
ASCENDING node data
PEAK daily value = 134.7 tons
Reference curve
(Gaussian,n=4)
STS−135
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30 −20 −10 0 10 20 30 40 50 60 70
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8 0.6 0.4 0.2 0.0 −0.2 −0.4
−30 −25 −20 −15 −10 −5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:26 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-18 SBUV/2 PMC Total Ice: NH 2005, latitude = 75°-82°
PEAK daily value = 118.9 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS-114
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-18 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:38 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-18 SBUV/2 PMC Total Ice: NH 2006, latitude = 75°-82°
PEAK daily value = 133.4 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS-121
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-18 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:38 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-18 SBUV/2 PMC Total Ice: NH 2007, latitude = 75°-82°
PEAK daily value = 142.7 tons
Reference curve
(Gaussian,n=4)
ASCENDING node data
STS-118
STS-117
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-18 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:38 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-18 SBUV/2 PMC Total Ice: NH 2009, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 121.0 tons
Reference curve
(Gaussian,n=4)
STS-127
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-18 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:09:54 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-18 SBUV/2 PMC Total Ice: NH 2011, latitude = 75°-82°
ASCENDING node data
PEAK daily value = 100.7 tons
Reference curve
(Gaussian,n=4)
STS-135
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-18 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:10:02 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-19 SBUV/2 PMC Total Ice: NH 2009, latitude = 75°-82°
PEAK daily value = 150.2 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS-127
DAILY Total Ice [norm. to peak]
NOAA-19 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:10:15 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-19 SBUV/2 PMC Total Ice: NH 2011, latitude = 75°-82°
PEAK daily value = 127.5 tons
ASCENDING node data
Reference curve
(Gaussian,n=4)
STS-135
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-19 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70
Days from Solstice
16:10:24 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro