Nimbus−7 SBUV PMC Total Ice: NH 1982, latitude = 75°−82°
PEAK daily value = 48.8 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS−4
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
Nimbus−7 SBUV 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
16:19:10 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°
DESCENDING node data
PEAK daily value = 83.8 tons
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
16:19:10 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°
DESCENDING node data
PEAK daily value = 85.7 tons
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
16:19:19 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°
DESCENDING node data
PEAK daily value = 51.4 tons
Reference curve
(Gaussian,n=4)
STS−51F
STS−51G
DAILY Total Ice [norm. to peak]
NOAA−9 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:19:28 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°
PEAK daily value = 99.2 tons
Reference curve
(Gaussian,n=4)
DESCENDING node data
STS−28
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA−9 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
16:19:38 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°
DESCENDING node data
PEAK daily value = 56.3 tons
Reference curve
(Gaussian,n=4)
STS-46
STS-50
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
16:19:46 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°
DESCENDING node data
PEAK daily value = 58.7 tons
Reference curve
(Gaussian,n=4)
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−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
16:19:46 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°
DESCENDING node data
PEAK daily value = 98.1 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−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
16:19:46 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°
DESCENDING node data
PEAK daily value = 101.8 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-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
16:19:47 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°
DESCENDING node data
PEAK daily value = 104.3 tons
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-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
16:19:47 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°
DESCENDING node data
PEAK daily value = 74.0 tons
Reference curve
(Gaussian,n=4)
STS−28
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
16:19:56 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°
DESCENDING node data
PEAK daily value = 46.1 tons
Reference curve
(Gaussian,n=4)
STS-43
STS-40
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
16:20:06 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°
DESCENDING node data
PEAK daily value = 43.5 tons
Reference curve
(Gaussian,n=4)
STS-46
STS-50
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 std. 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
16:20:07 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

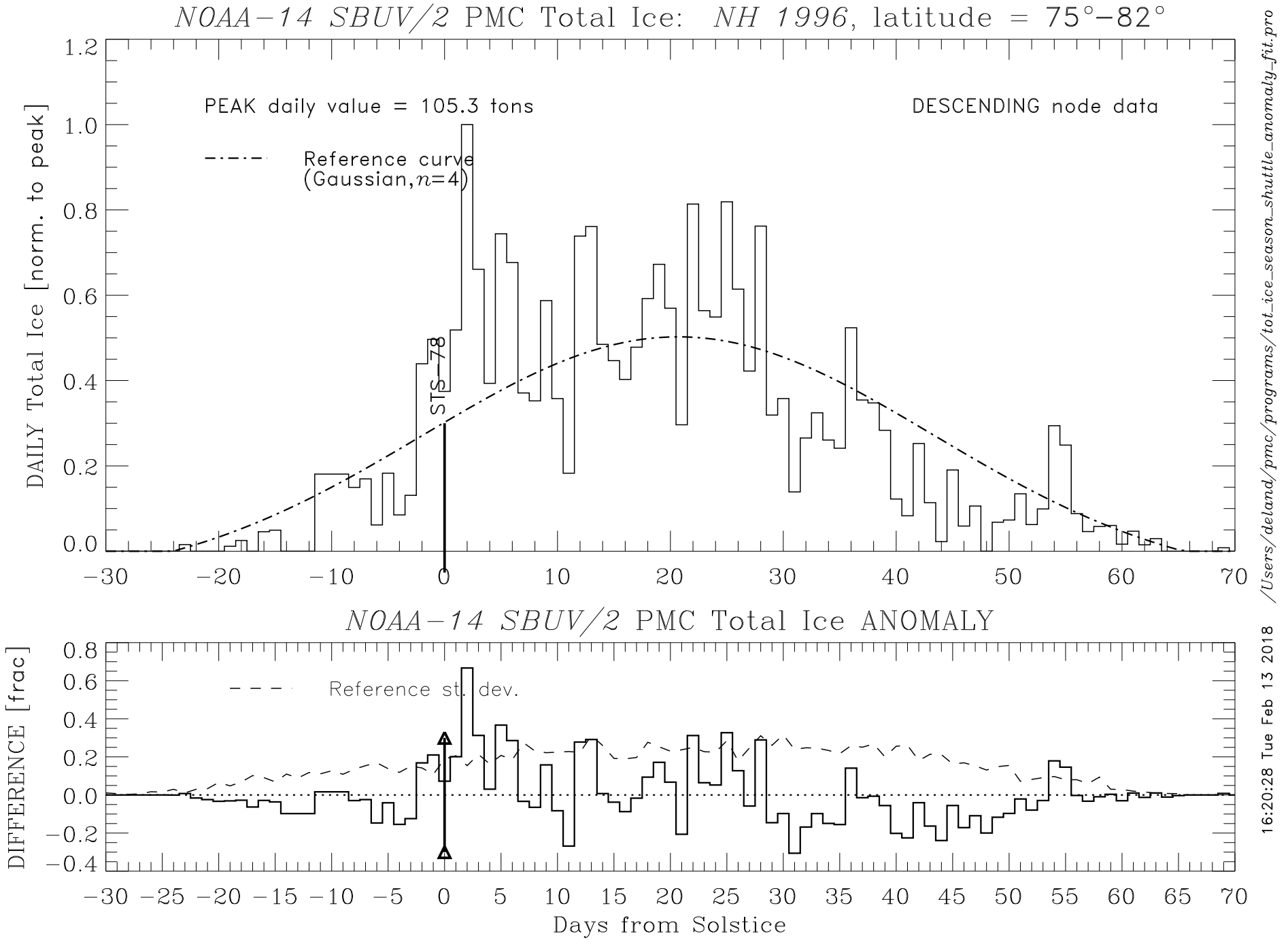
NOAA−11 SBUV/2 PMC Total Ice: NH 1993, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 92.2 tons
Reference curve
(Gaussian,n=4)
STS−57
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [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
16:20:07 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°
DESCENDING node data
PEAK daily value = 67.9 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
16:20:08 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°
DESCENDING node data
PEAK daily value = 70.9 tons
Reference curve
(Gaussian,n=4)
STS−91
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:20:16 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

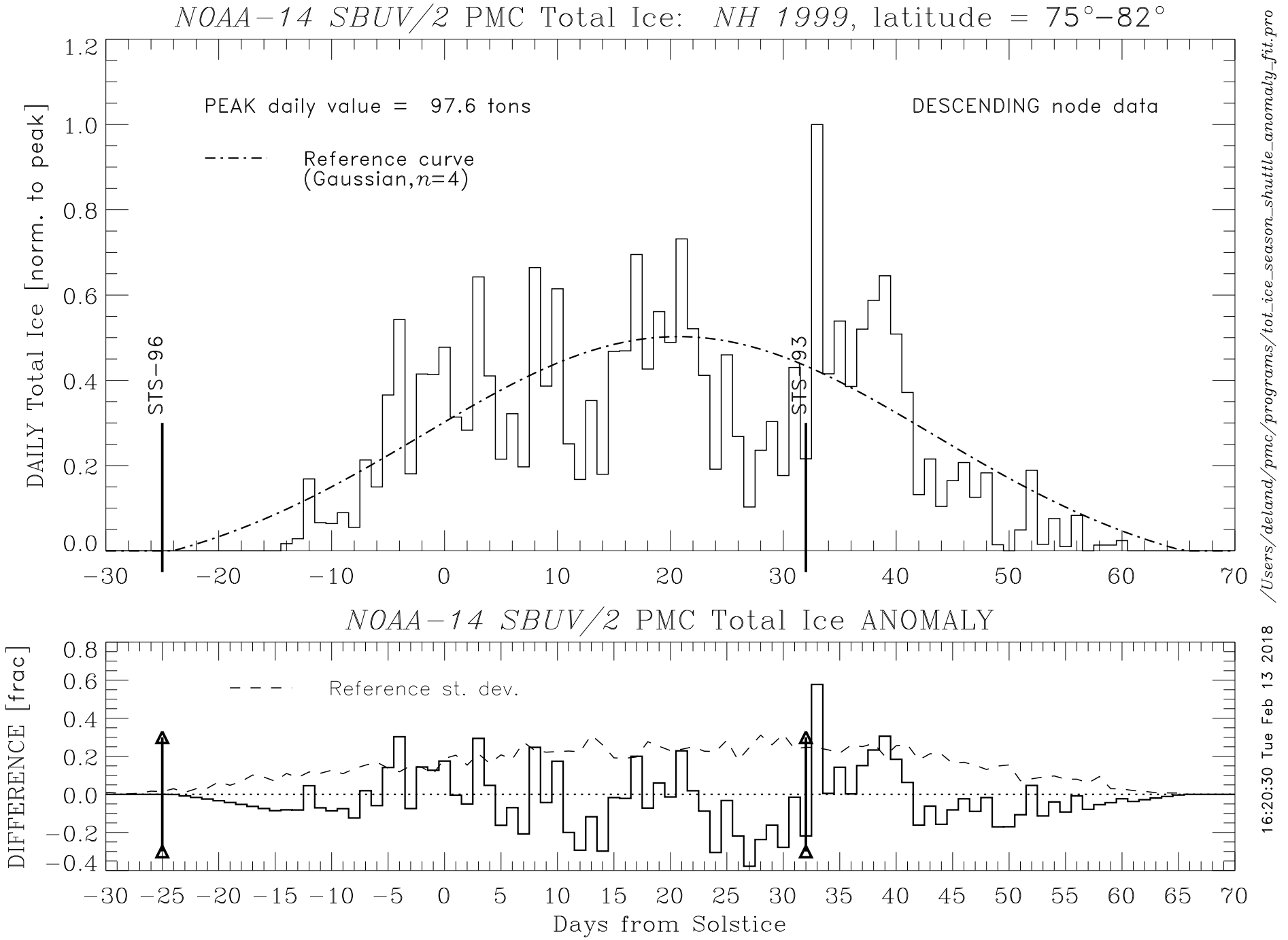
NOAA−11 SBUV/2 PMC Total Ice: NH 1999, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 77.2 tons
Reference curve
(Gaussian,n=4)
STS−93
STS−96
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
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
16:20:17 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°
DESCENDING node data
PEAK daily value = 94.8 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
16:20:28 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 = 105.3 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS−78
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
16:20:28 Tue Feb 13 2018

NOAA-14 SBUV/2 PMC Total Ice: NH 1997, latitude = 75°-82°
PEAK daily value = 119.9 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS-85
STS-194
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
16:20:29 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°
DESCENDING node data
PEAK daily value = 76.0 tons
Reference curve
(Gaussian,n=4)
STS−91
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
16:20:29 Tue Feb 13 2018 /Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro


NOAA−14 SBUV/2 PMC Total Ice: NH 1999, latitude = 75°−82°
PEAK daily value = 97.6 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
DAILY Total Ice [norm. to peak]
STS−96
STS−93
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
16:20:30 Tue Feb 13 2018

NOAA−14 SBUV/2 PMC Total Ice: NH 2005, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 68.7 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
16:20:41 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°
DESCENDING node data
PEAK daily value = 70.6 tons
Reference curve
(Gaussian,n=4)
STS-121
DAILY Total Ice [norm. to peak]
NOAA−14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:20:41 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°
DAILY Total Ice [norm. to peak]
PEAK daily value = 67.2 tons
Reference curve
(Gaussian,n=4)
DESCENDING node data
STS−105
STS−104
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
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
16:20:51 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°
DAILY Total Ice [norm. to peak]
PEAK daily value = 61.0 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS-111
NOAA-16 SBUV/2 PMC Total Ice ANOMALY
DIFFERENCE [frac]
Reference st. dev.
Days from Solstice
16:20:51 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 = 84.0 tons
Reference curve
(Gaussian,n=4)
DESCENDING 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-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
16:21:01 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°
DESCENDING node data
PEAK daily value = 90.1 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-16 SBUV/2 PMC Total Ice ANOMALY
Reference std. 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
16:21:01 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−16 SBUV/2 PMC Total Ice: NH 2007, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 123.6 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−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
16:21:02 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

16:21:13 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 = 80.7 tons
DESCENDING node data
Reference curve
(Gaussian,m=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
16:21:14 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°
DESCENDING node data
PEAK daily value = 106.4 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
16:21:14 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°
DESCENDING node data
PEAK daily value = 84.8 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
16:21:14 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°
DESCENDING node data
PEAK daily value = 114.6 tons
Reference curve
(Gaussian,n=4)
STS-127
DAILY Total Ice [norm. to peak]
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:21:15 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°
DESCENDING node data
PEAK daily value = 94.1 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
16:21:26 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°
DESCENDING node data
PEAK daily value = 86.2 tons
Reference curve
(Gaussian,n=4)
STS-114
DAILY Total Ice [norm. to peak]
NOAA-18 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
16:21:36 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°
DESCENDING node data
PEAK daily value = 95.5 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-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
16:21:36 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 = 116.0 tons
DESCENDING 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-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
16:21:36 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°
DESCENDING node data
PEAK daily value = 91.4 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
16:21:49 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°
DESCENDING node data
PEAK daily value = 98.6 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
16:21:57 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 = 105.4 tons
DESCENDING node data
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-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
16:22:06 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°
DESCENDING node data
PEAK daily value = 84.8 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-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
16:22:14 Tue Feb 13 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro