Nimbus−7 SBUV PMC Total Ice: SH 1983−1984, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 46.4 tons
Reference curve
(Gaussian,n=4)
STS−41B
STS−9
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
09:05:58 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

09:06:08 Wed Feb 14 2018 */Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro*

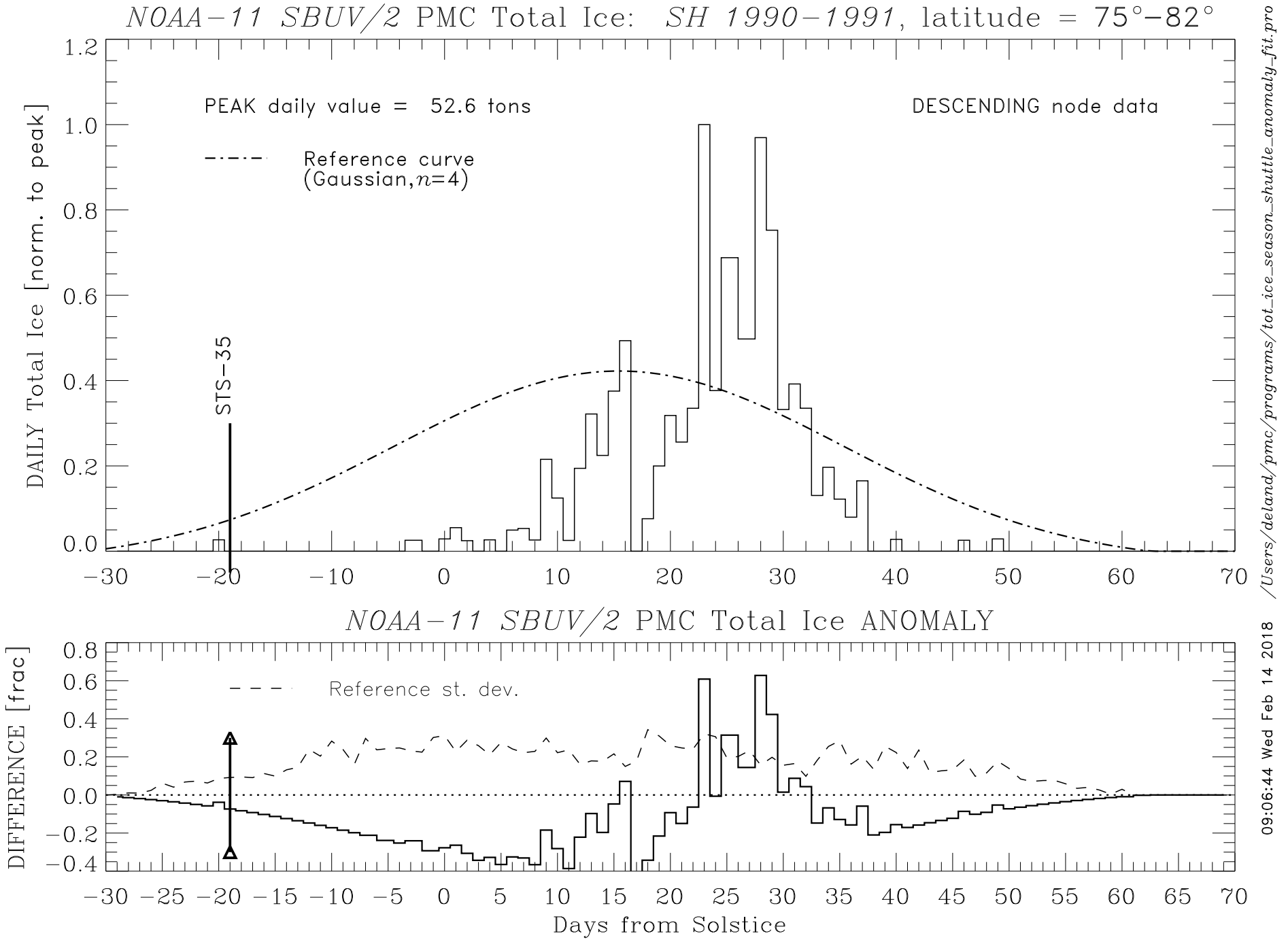
NOAA-9 SBUV/2 PMC Total Ice: SH 1985-1986, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 76.8 tons
Reference curve
(Gaussian,n=4)
STS-61C
STS-61B
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-30
-20
-10
0
10
20
30
40
50
60
70
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
Reference st. 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
09:06:20 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: SH 1988-1989, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 92.3 tons
Reference curve
(Gaussian,n=4)
STS-27
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
09:06:32 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-9 SBUV/2 PMC Total Ice: SH 1989-1990, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 101.6 tons
Reference curve
(Gaussian,n=4)
STS-32
STS-33
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA-9 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
09:06:32 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−11 SBUV/2 PMC Total Ice: SH 1988−1989, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 53.0 tons
Reference curve
(Gaussian,n=4)
STS−27
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
09:06:43 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−11 SBUV/2 PMC Total Ice: SH 1989−1990, latitude = 75°−82°
PEAK daily value = 78.7 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS-32
STS-33
DAILY Total Ice [norm. to peak]
NOAA−11 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
09:06:44 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro


NOAA−11 SBUV/2 PMC Total Ice: SH 1990−1991, latitude = 75°−82°
PEAK daily value = 52.6 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS−35
DAILY Total Ice [norm. to peak]
NOAA−11 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
09:06:44 Wed Feb 14 2018

NOAA-11 SBUV/2 PMC Total Ice: SH 1991-1992, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 79.1 tons
Reference curve
(Gaussian,n=4)
STS-42
STS-44
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
09:06:44 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: SH 1992-1993, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 54.0 tons
Reference curve
(Gaussian,n=4)
STS-54
STS-53
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
09:06:45 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: SH 1993-1994, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 80.8 tons
Reference curve
(Gaussian,m=4)
STS-60
STS-61
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
09:06:45 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−11 SBUV/2 PMC Total Ice: SH 1994−1995, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 117.9 tons
Reference curve
(Gaussian,n=4)
STS−63
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
09:06:45 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: SH 1997-1998, latitude = 75°-82°
PEAK daily value = 122.6 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS-89
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
09:07:07 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: SH 1998-1999, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 41.6 tons
Reference curve
(Gaussian,n=4)
STS-88
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
09:07:07 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: SH 1999-2000, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 41.1 tons
Reference curve (Gaussian,n=4)
STS-99
STS-103
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
09:07:08 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-11 SBUV/2 PMC Total Ice: SH 2000-2001, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 77.2 tons
Reference curve
(Gaussian,n=4)
STS-98
STS-97
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
09:07:08 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−14 SBUV/2 PMC Total Ice: SH 1995−1996, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 69.0 tons
Reference curve
(Gaussian,n=4)
STS−75
STS−72
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
09:07:16 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-14 SBUV/2 PMC Total Ice: SH 1996-1997, latitude = 75°-82°
PEAK daily value = 118.9 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS-82
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
09:07:17 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

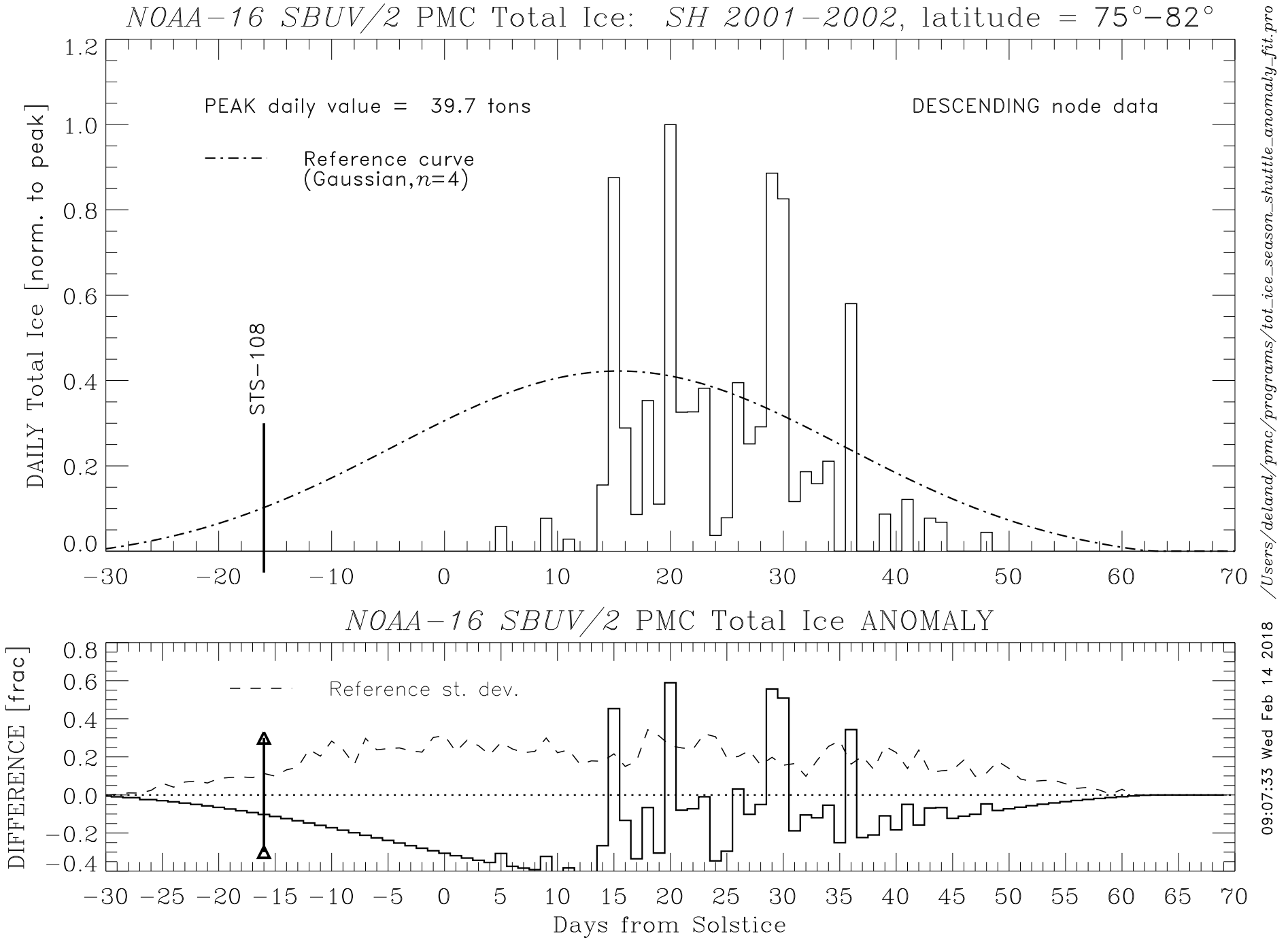
NOAA−14 SBUV/2 PMC Total Ice: SH 1997−1998, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 110.4 tons
Reference curve
(Gaussian,n=4)
STS−89
DAILY Total Ice [norm. to peak]
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−30
−20
−10
0
10
20
30
40
50
60
70
NOAA−14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
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
09:07:17 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−14 SBUV/2 PMC Total Ice: SH 1998−1999, latitude = 75°−82°
PEAK daily value = 39.8 tons
Reference curve
(Gaussian,n=4)
DESCENDING node data
STS−88
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
09:07:17 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−14 SBUV/2 PMC Total Ice: SH 1999−2000, latitude = 75°−82°
PEAK daily value = 25.7 tons
Reference curve
(Gaussian,n=4)
DESCENDING node data
STS−99
STS−103
DAILY Total Ice [norm. to peak]
NOAA−14 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
09:07:18 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-14 SBUV/2 PMC Total Ice: SH 2000-2001, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 104.3 tons
Reference curve
(Gaussian,n=4)
STS-98
STS-97
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
09:07:18 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-16 SBUV/2 PMC Total Ice: SH 2000-2001, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 64.9 tons
Reference curve
(Gaussian,n=4)
STS-98
STS-97
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
09:07:33 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro


NOAA−16 SBUV/2 PMC Total Ice: SH 2001−2002, latitude = 75°−82°
PEAK daily value = 39.7 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS−108
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
09:07:33 Wed Feb 14 2018

NOAA-16 SBUV/2 PMC Total Ice: SH 2002-2003, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 48.4 tons
Reference curve
(Gaussian,n=4)
STS-107
STS-113
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
09:07:34 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−16 SBUV/2 PMC Total Ice: SH 2006−2007, latitude = 75°−82°
PEAK daily value = 80.1 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS−116
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
09:07:45 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-16 SBUV/2 PMC Total Ice: SH 2007-2008, latitude = 75°-82°
PEAK daily value = 85.7 tons
Reference curve
(Gaussian,n=4)
DESCENDING node data
STS-122
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
09:07:46 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: SH 2002−2003, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 89.2 tons
Reference curve
(Gaussian,n=4)
STS−107
STS−113
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
09:07:58 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-17 SBUV/2 PMC Total Ice: SH 2003-2004, latitude = 75°-82°
PEAK daily value = 98.7 tons
Reference curve
(Gaussian,n=4)
DESCENDING node data
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 1st. 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
09:07:58 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: SH 2006−2007, latitude = 75°−82°
PEAK daily value = 87.0 tons
Reference curve
(Gaussian,n=4)
DESCENDING node data
STS−116
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
09:08:11 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: SH 2007−2008, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 66.4 tons
Reference curve
(Gaussian,n=4)
STS−122
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA−17 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
09:08:12 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: SH 2009−2010, latitude = 75°−82°
PEAK daily value = 134.4 tons
Reference curve (Gaussian,n=4)
DESCENDING node data
STS−130
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
09:08:23 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−17 SBUV/2 PMC Total Ice: SH 2010−2011, latitude = 75°−82°
PEAK daily value = 63.6 tons
Reference curve
(Gaussian,n=4)
DESCENDING node data
STS−133
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
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/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-18 SBUV/2 PMC Total Ice: SH 2006-2007, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 79.3 tons
Reference curve
(Gaussian,n=4)
STS-116
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
09:08:37 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-18 SBUV/2 PMC Total Ice: SH 2007-2008, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 50.7 tons
Reference curve
(Gaussian,n=4)
STS-122
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
09:08:38 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-18 SBUV/2 PMC Total Ice: SH 2009-2010, latitude = 75°-82°
DESCENDING node data
PEAK daily value = 127.9 tons
Reference curve
(Gaussian,n=4)
STS-130
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
09:08:46 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA−18 SBUV/2 PMC Total Ice: SH 2010−2011, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 42.9 tons
Reference curve
(Gaussian,n=4)
STS−133
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
09:08:46 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro

NOAA-19 SBUV/2 PMC Total Ice: SH 2009-2010, latitude = 75°-82°
PEAK daily value = 131.4 tons
DESCENDING node data
Reference curve
(Gaussian,n=4)
STS-130
DAILY Total Ice [norm. to peak]
NOAA-19 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
Days from Solstice
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NOAA−19 SBUV/2 PMC Total Ice: SH 2010−2011, latitude = 75°−82°
DESCENDING node data
PEAK daily value = 58.1 tons
Reference curve
(Gaussian,n=4)
STS−133
DAILY Total Ice [norm. to peak]
Days from Solstice
NOAA−19 SBUV/2 PMC Total Ice ANOMALY
Reference st. dev.
DIFFERENCE [frac]
09:08:56 Wed Feb 14 2018
/Users/deland/pmc/programs/tot_ice_season_shuttle_anomaly_fit.pro