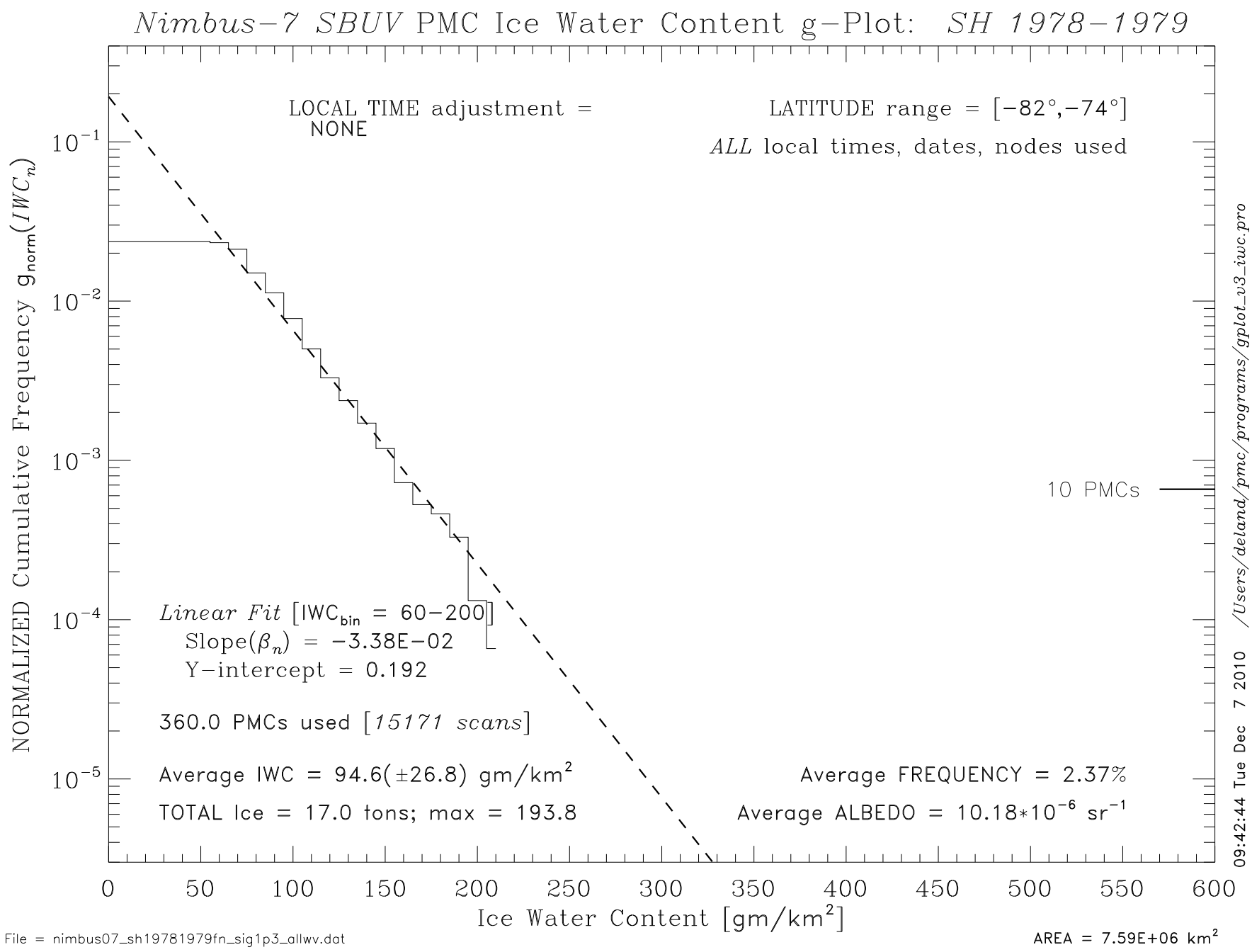
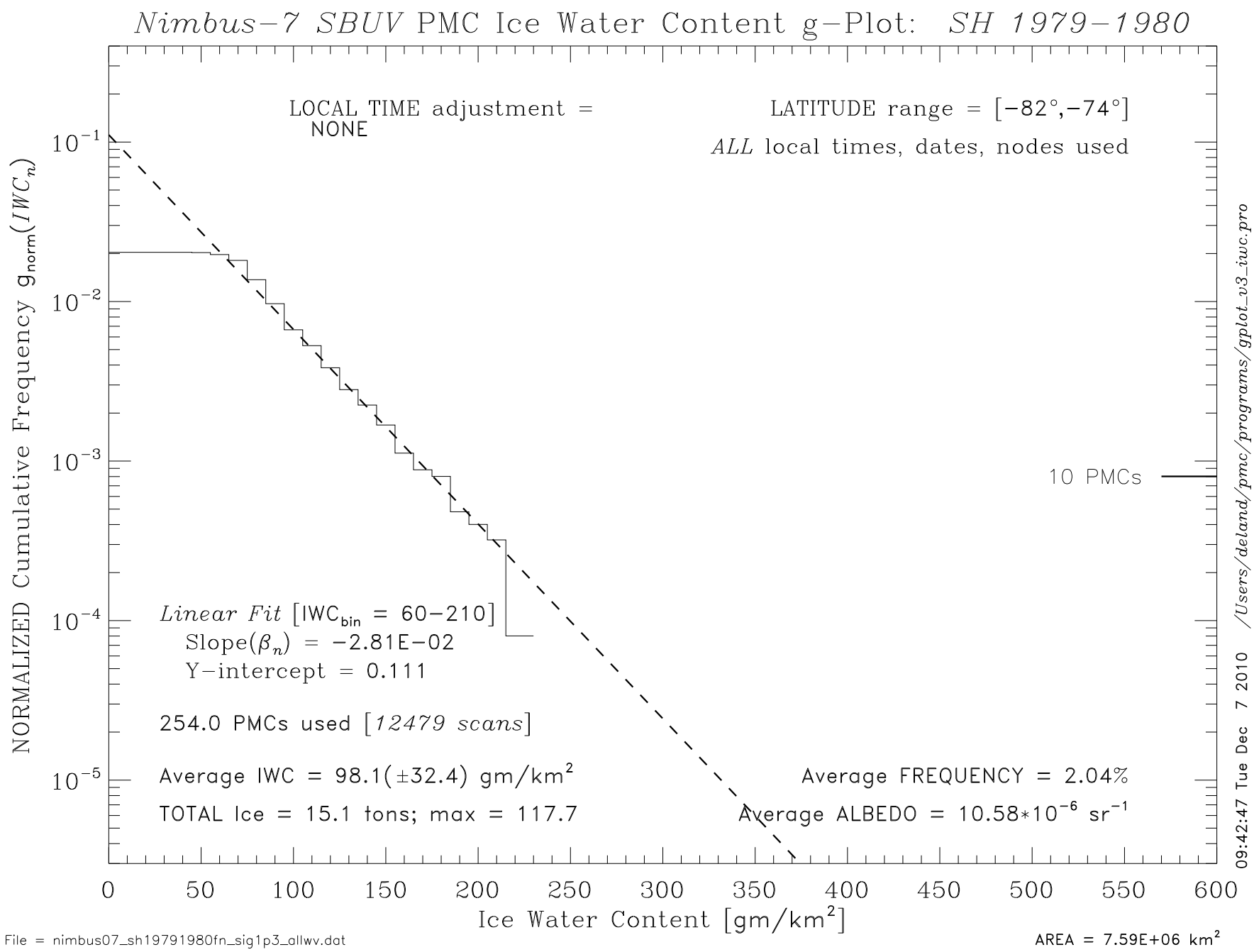
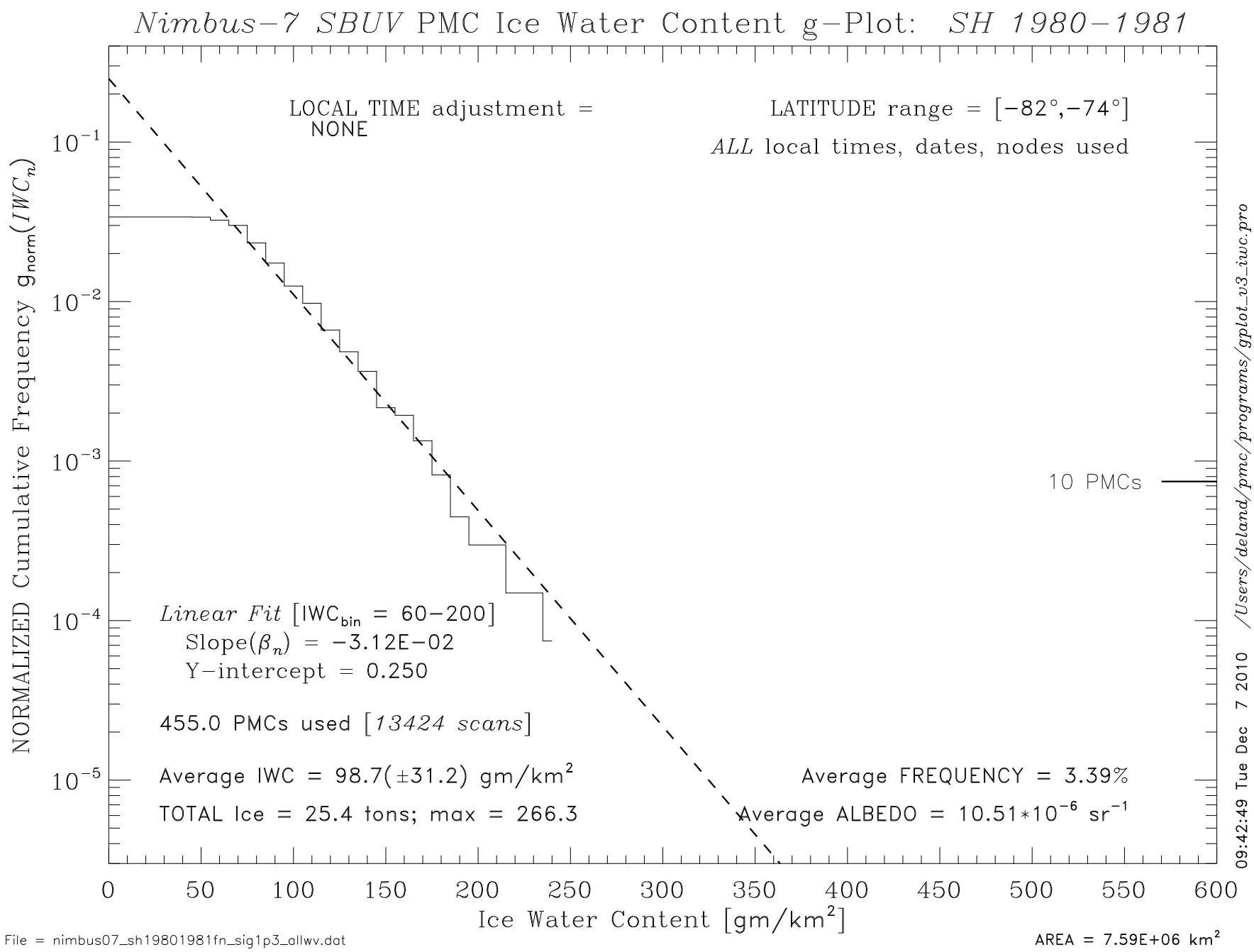
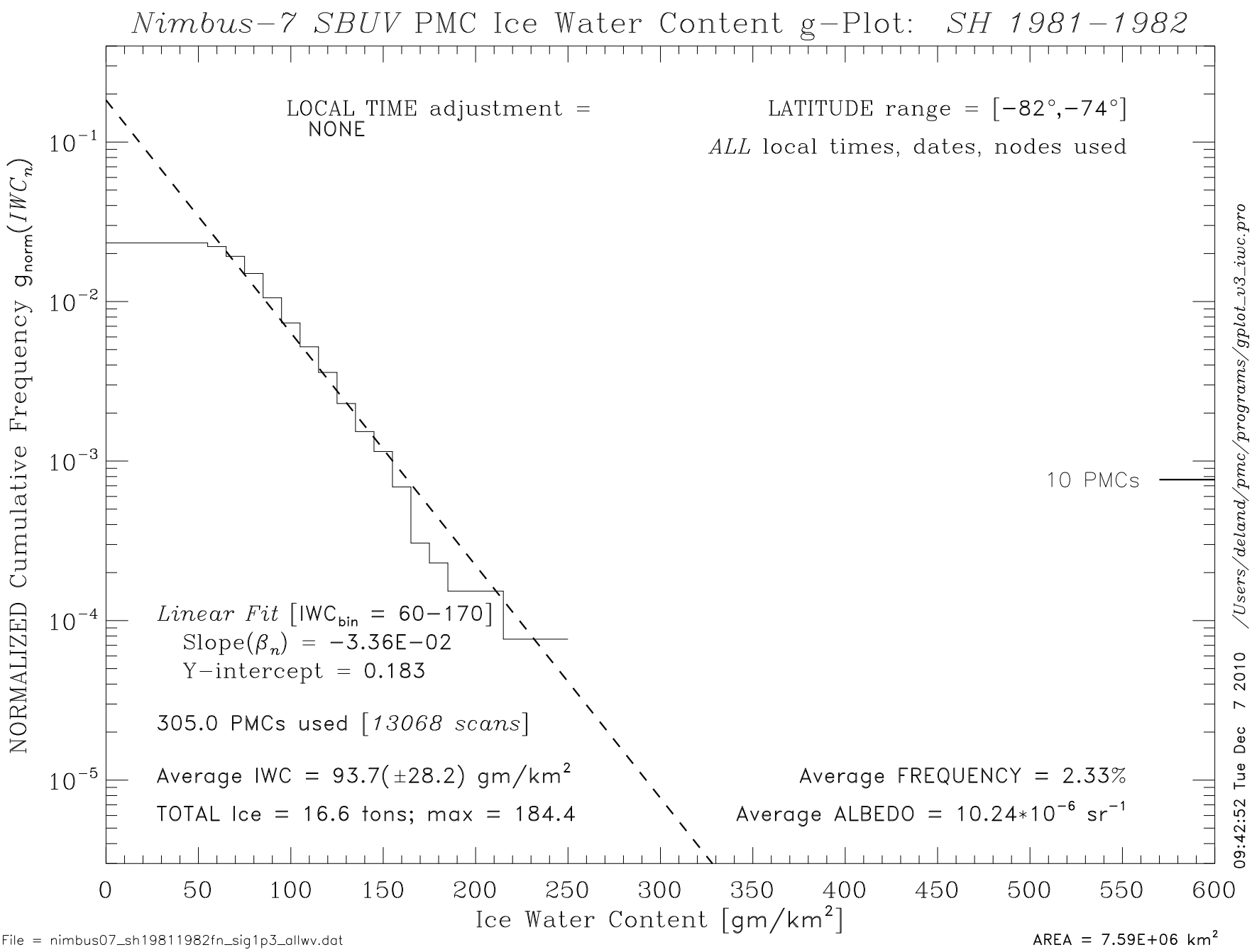
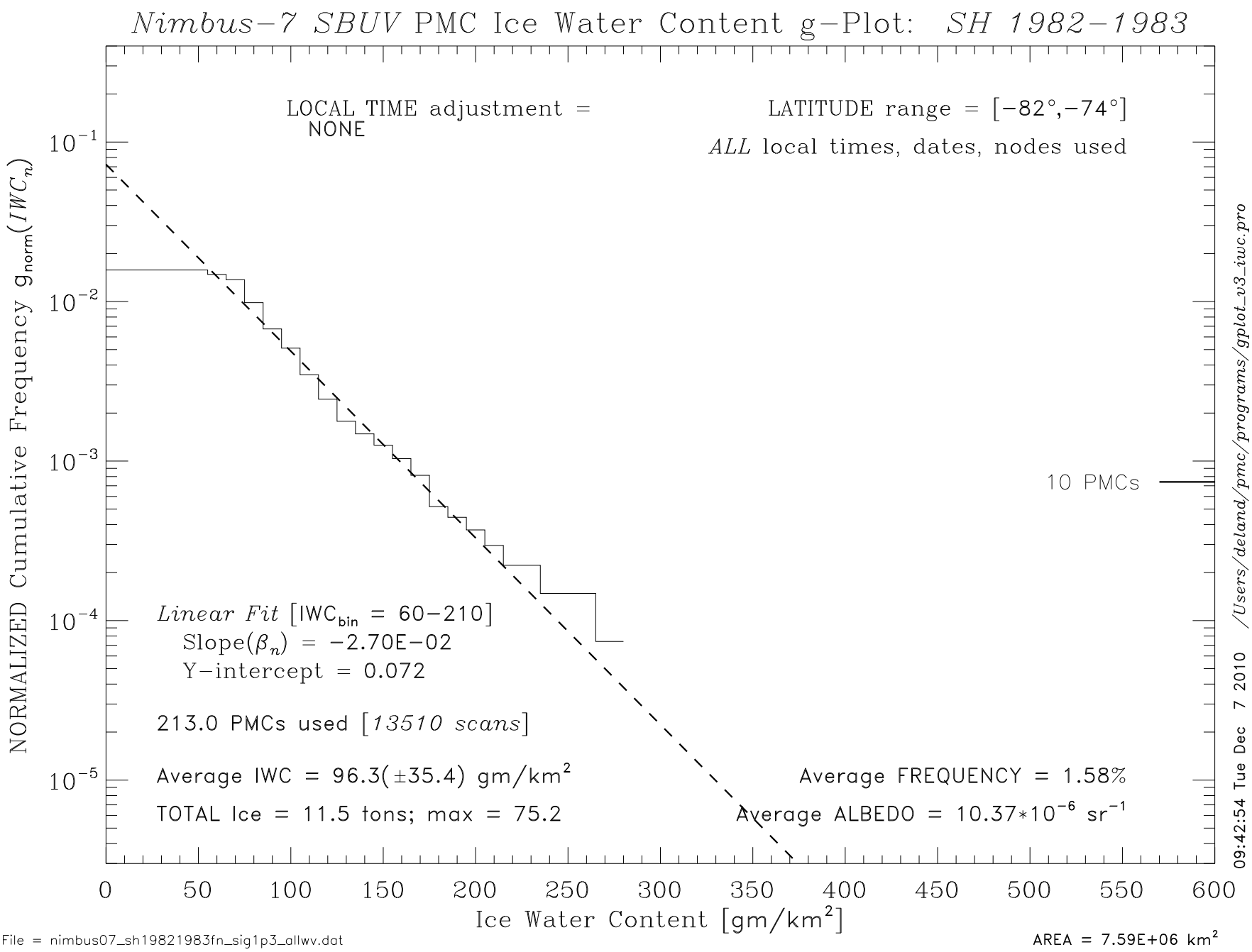
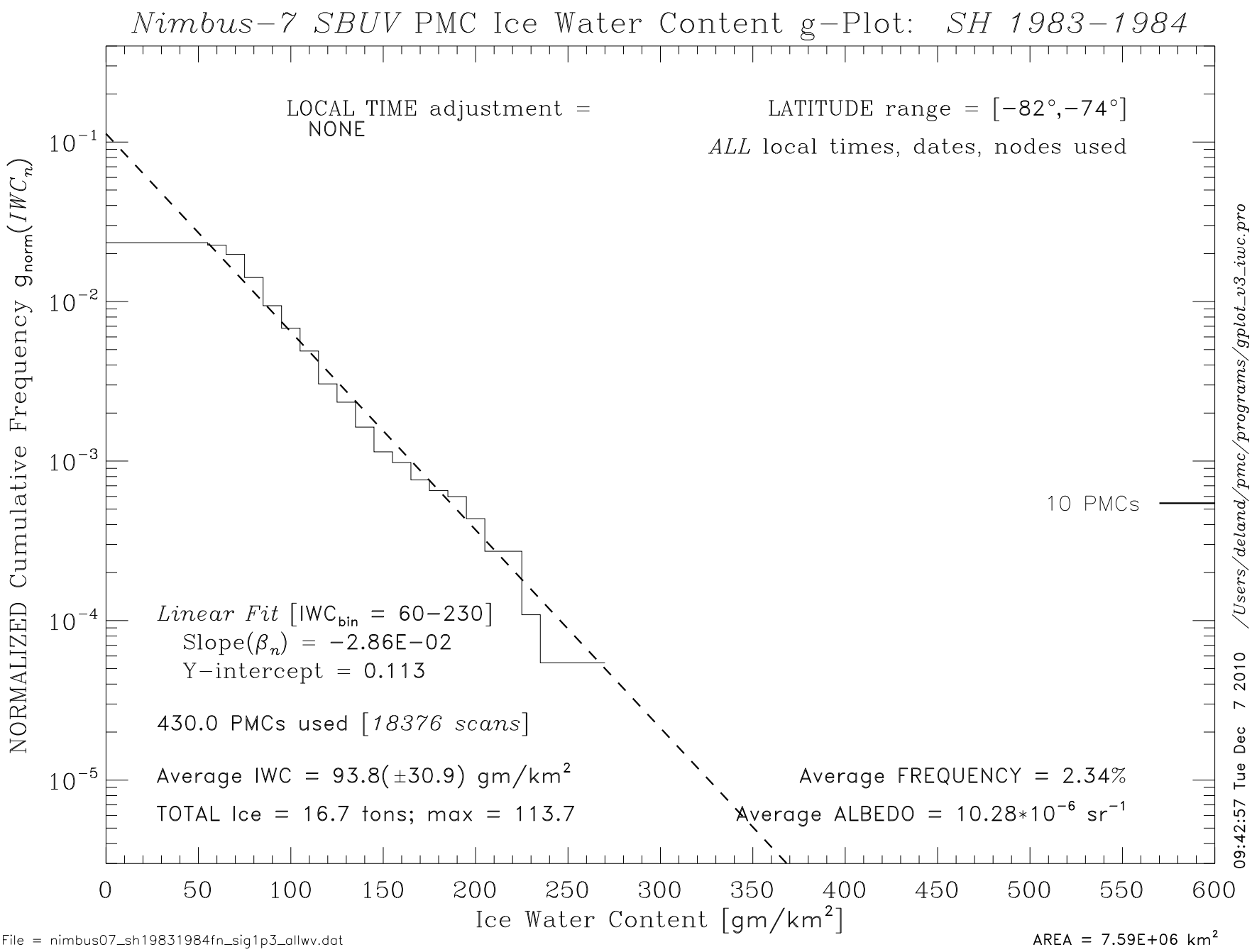

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1978−1979
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−200]
Slope(β_n) = −3.38E−02
Y−intercept = 0.192
360.0 PMCs used [15171 scans]
Average IWC = 94.6(±26.8) gm/km²
TOTAL Ice = 17.0 tons; max = 193.8
Average FREQUENCY = 2.37%
Average ALBEDO = 10.18*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:42:44 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_sh19781979fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

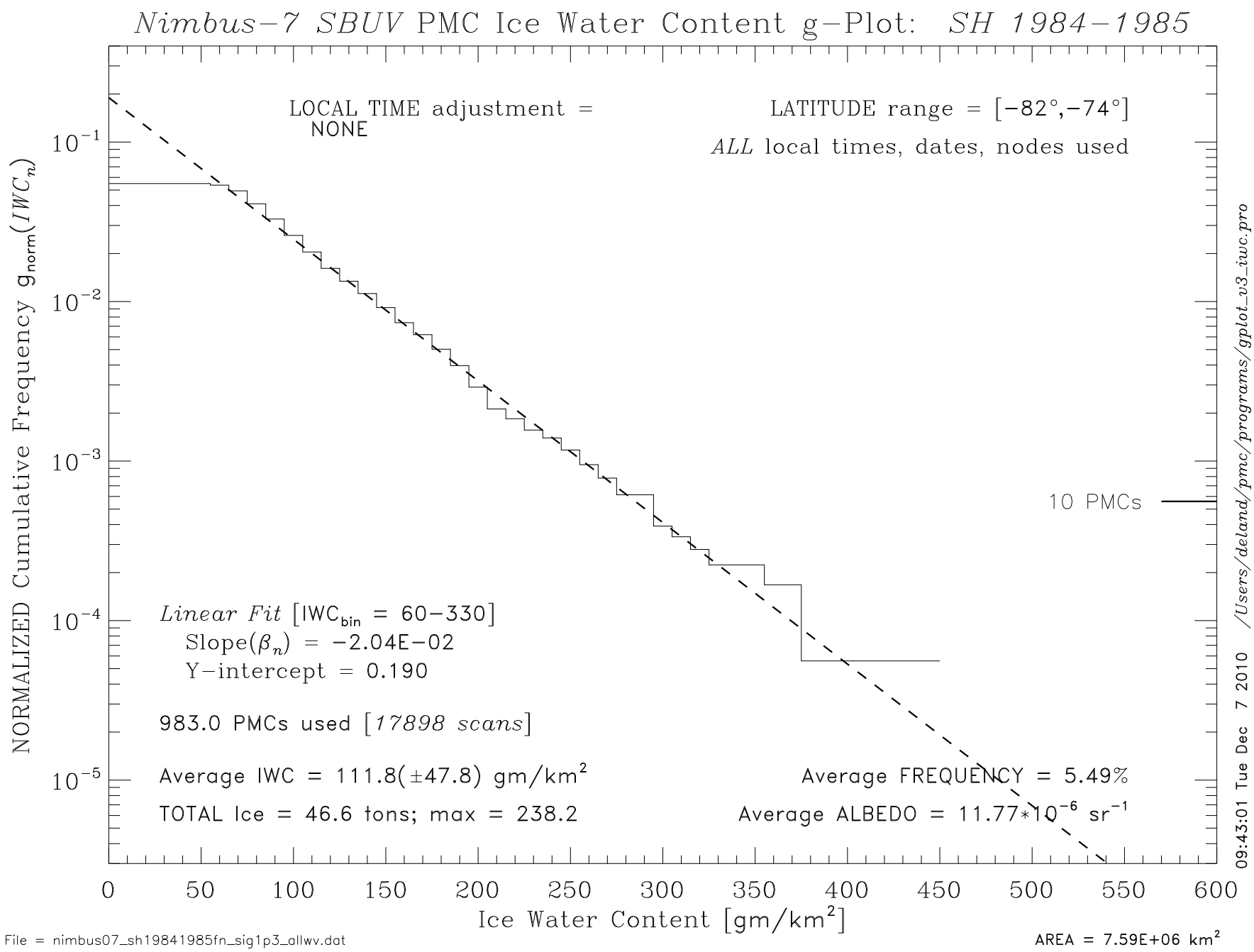

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1979−1980
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−210]
Slope(β_n) = −2.81E−02
Y−intercept = 0.111
254.0 PMCs used [12479 scans]
Average IWC = 98.1(±32.4) gm/km²
TOTAL Ice = 15.1 tons; max = 117.7
Average FREQUENCY = 2.04%
Average ALBEDO = 10.58*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:42:47 Tue Dec 7 2010
File = nimbus07_sh19791980fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

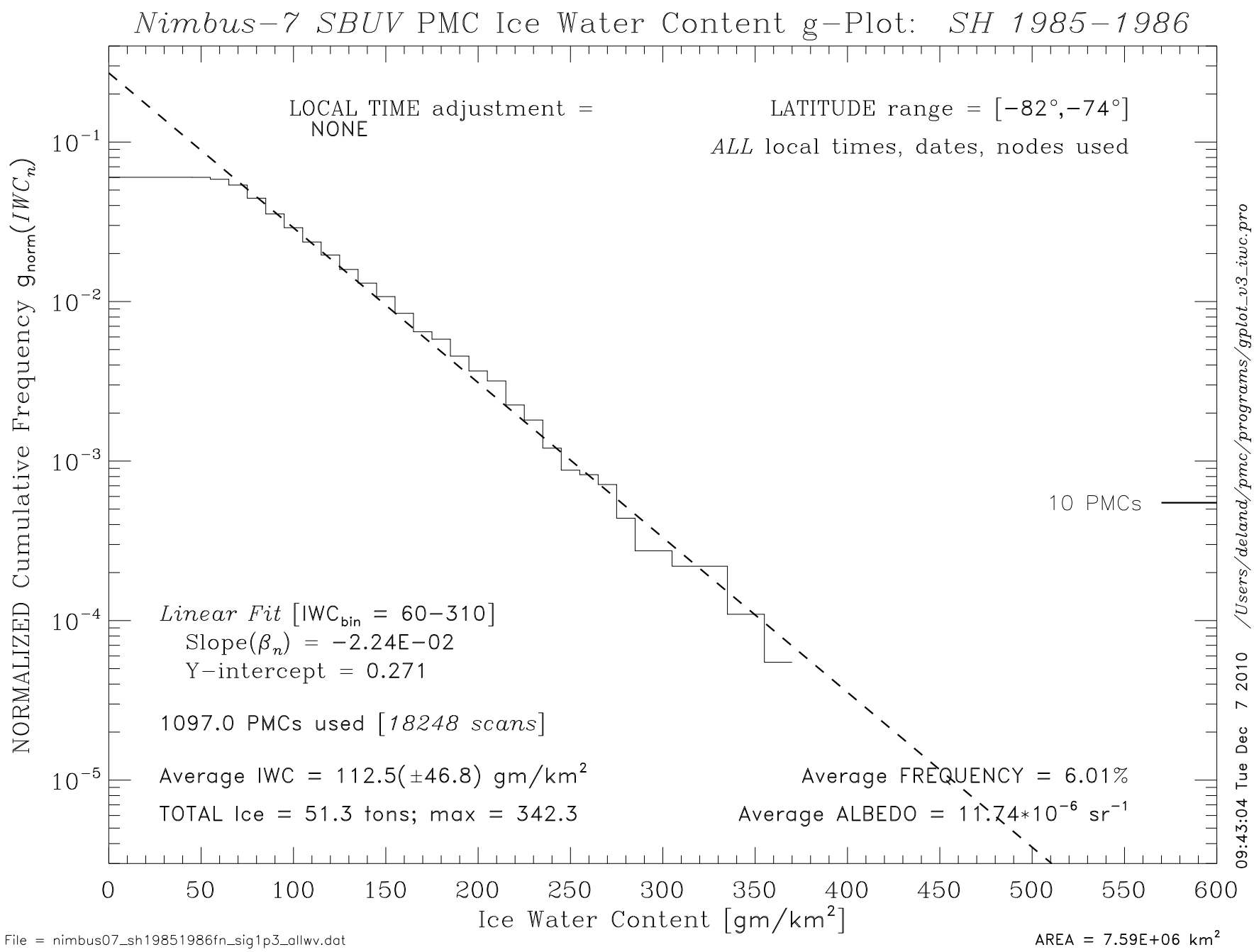

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1980−1981
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−200]
Slope(β_n) = −3.12E−02
Y−intercept = 0.250
455.0 PMCs used [13424 scans]
Average IWC = 98.7(±31.2) gm/km²
TOTAL Ice = 25.4 tons; max = 266.3
Average FREQUENCY = 3.39%
Average ALBEDO = 10.51*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:42:49 Tue Dec 7 2010
File = nimbus07_sh19801981fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

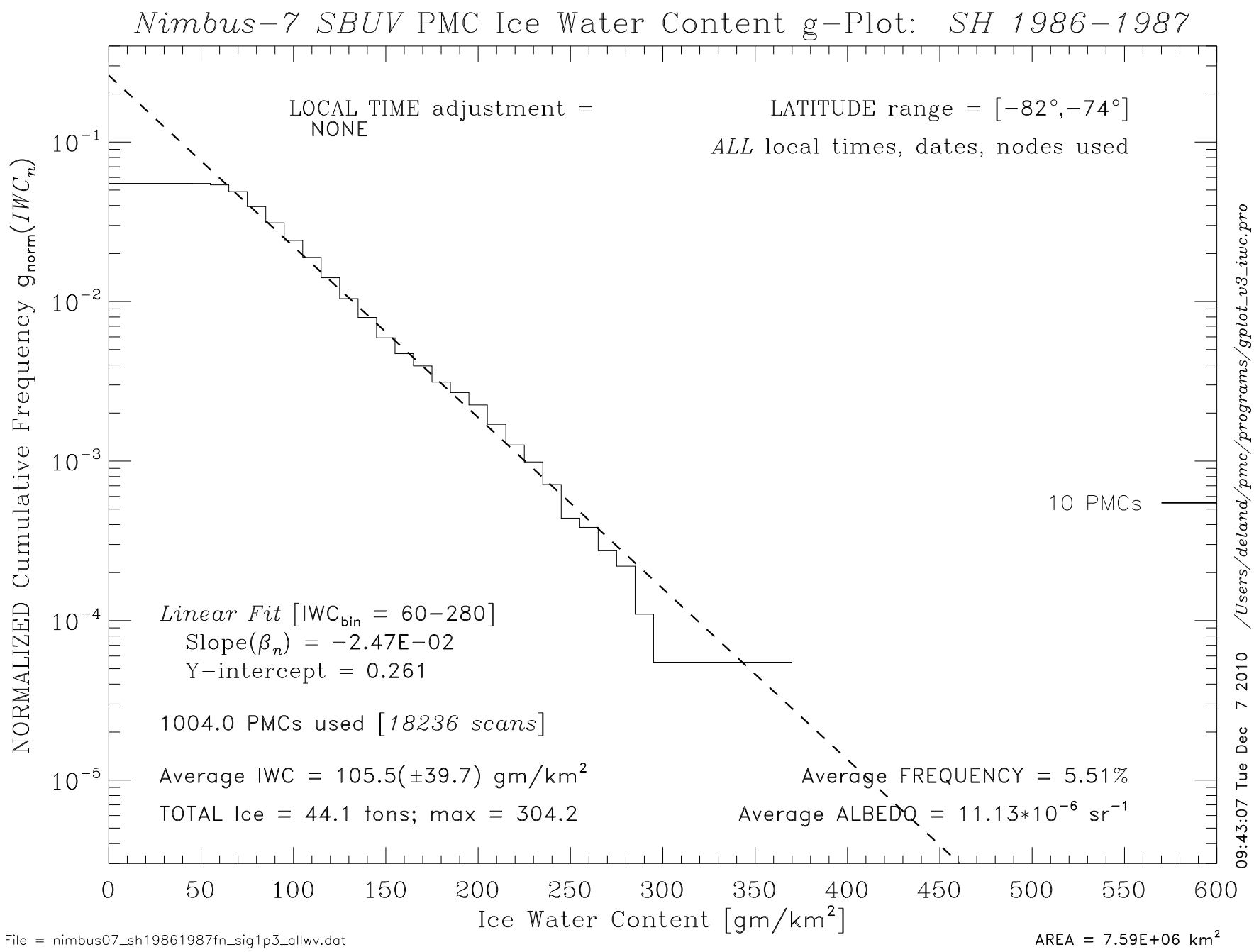

Nimbus-7 SBUV PMC Ice Water Content g-Plot: SH 1981-1982
LOCAL TIME adjustment = NONE
LATITUDE range = [-82°,-74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60-170]
Slope(β_n) = -3.36E-02
Y-intercept = 0.183
305.0 PMCs used [13068 scans]
Average IWC = 93.7(±28.2) gm/km²
TOTAL Ice = 16.6 tons; max = 184.4
Average FREQUENCY = 2.33%
Average ALBEDO = 10.24*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:42:52 Tue Dec 7 2010
File = nimbus07_sh19811982fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

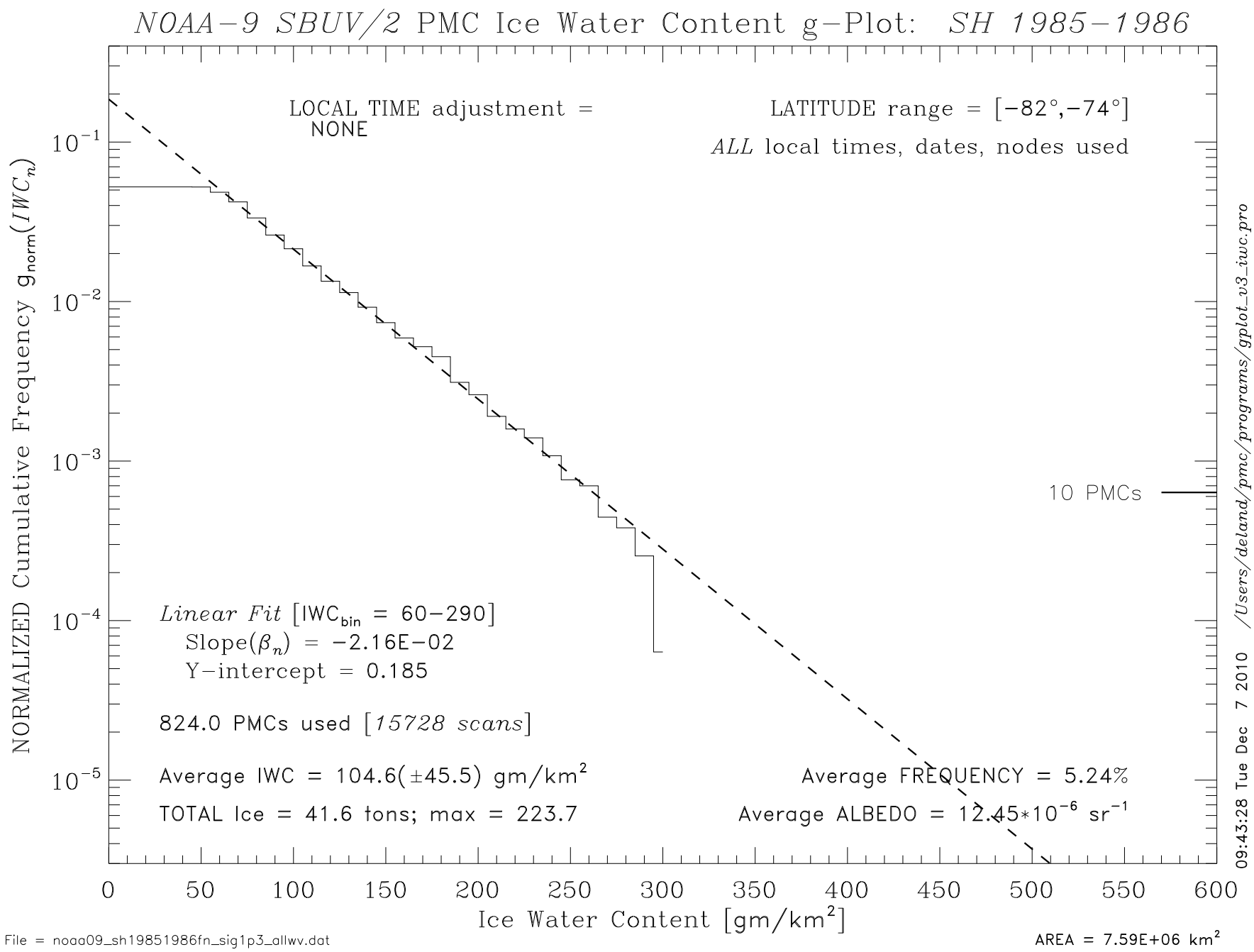

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1982−1983
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−210]
Slope(β_n) = −2.70E−02
Y−intercept = 0.072
213.0 PMCs used [13510 scans]
Average IWC = 96.3(±35.4) gm/km²
TOTAL Ice = 11.5 tons; max = 75.2
Average FREQUENCY = 1.58%
Average ALBEDO = 10.37*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:42:54 Tue Dec 7 2010
File = nimbus07_sh19821983fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

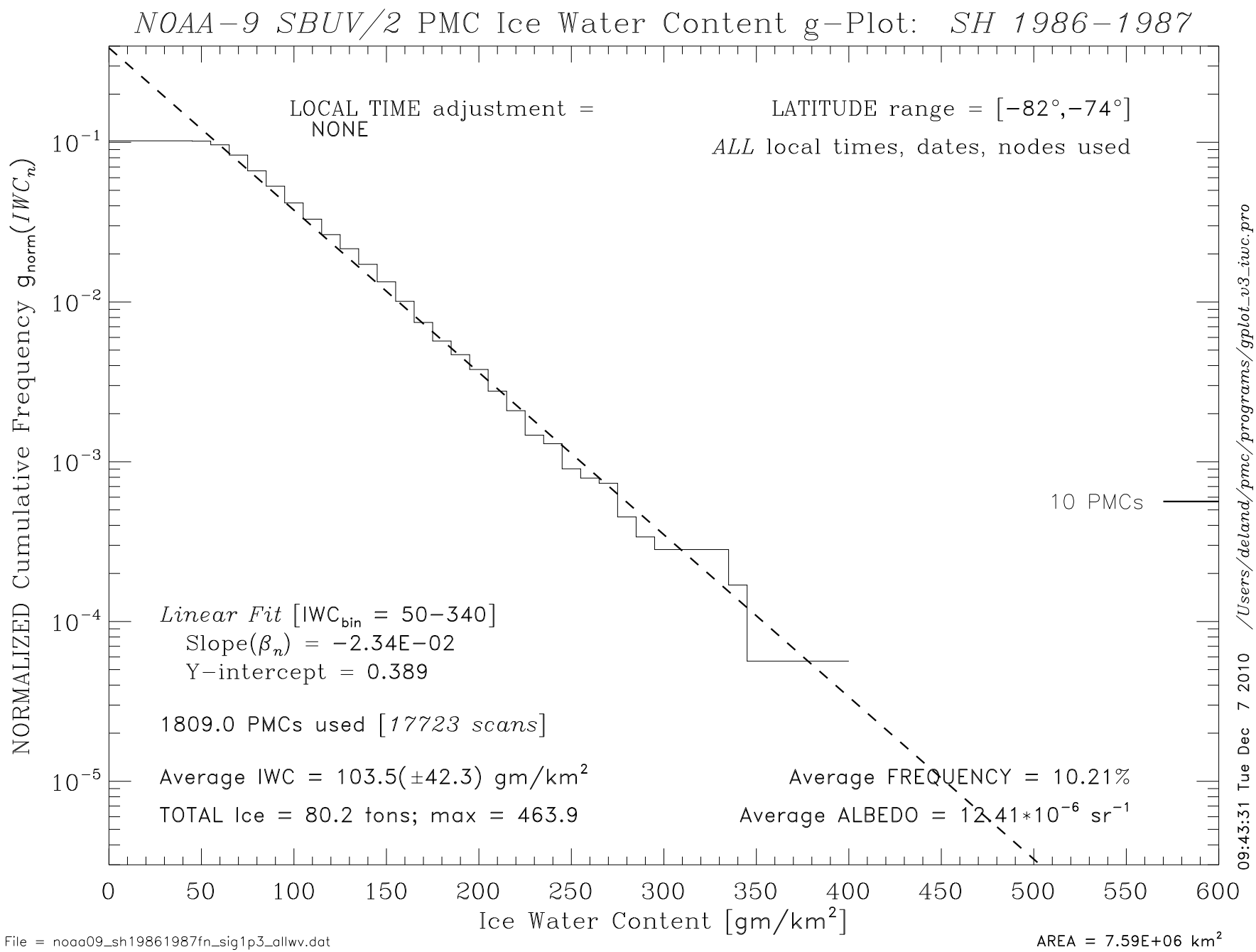

Nimbus-7 SBUV PMC Ice Water Content g-Plot: SH 1983-1984
LOCAL TIME adjustment = NONE
LATITUDE range = [-82°,-74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60-230]
Slope(β_n) = -2.86E-02
Y-intercept = 0.113
430.0 PMCs used [18376 scans]
Average IWC = 93.8(±30.9) gm/km²
TOTAL Ice = 16.7 tons; max = 113.7
Average FREQUENCY = 2.34%
Average ALBEDO = 10.28*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:42:57 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_sh19831984fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

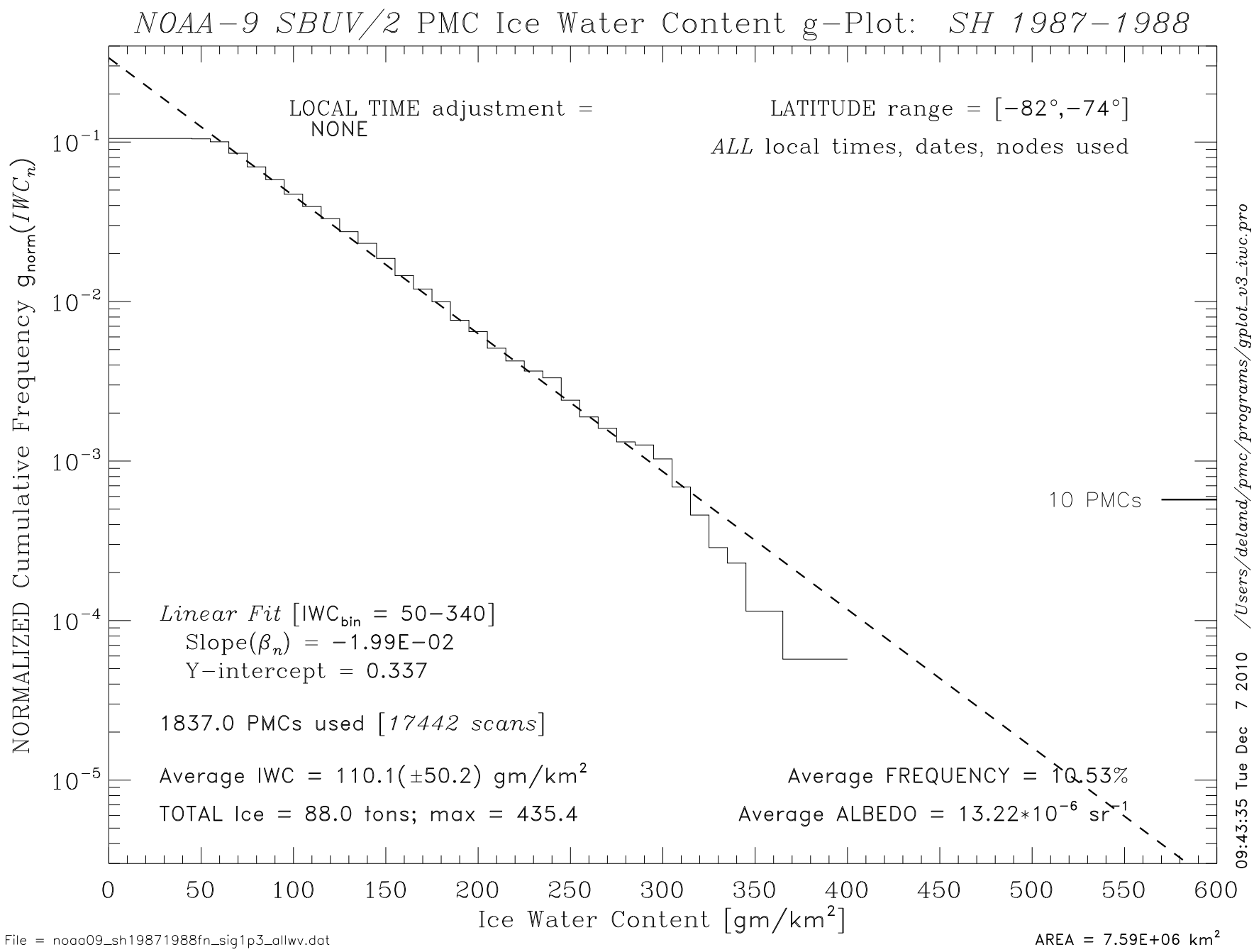

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1984−1985
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−330]
Slope(β_n) = −2.04E−02
Y−intercept = 0.190
983.0 PMCs used [17898 scans]
Average IWC = 111.8(±47.8) gm/km²
TOTAL Ice = 46.6 tons; max = 238.2
Average FREQUENCY = 5.49%
Average ALBEDO = 11.77*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:43:01 Tue Dec 7 2010
File = nimbus07_sh19841985fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

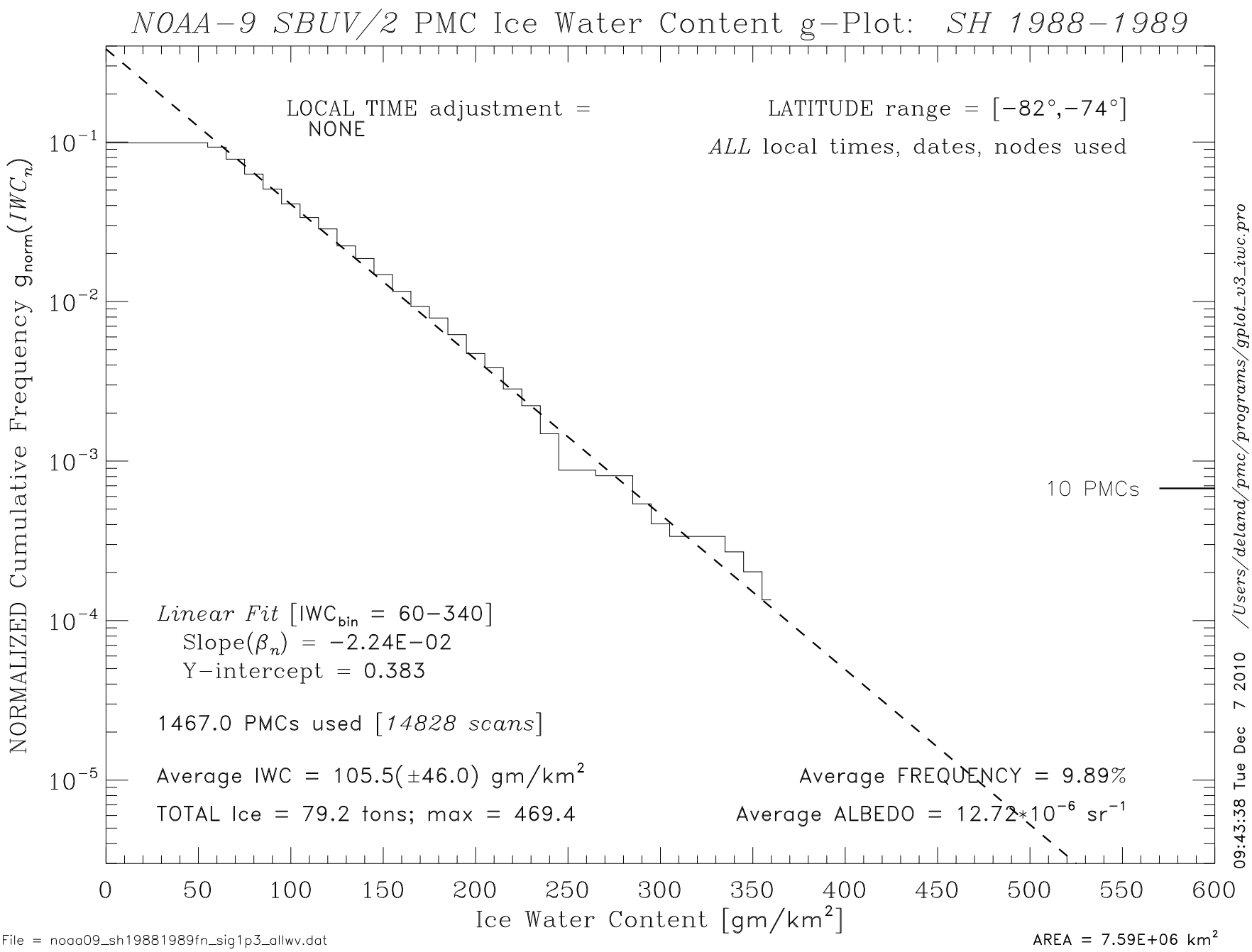

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1985−1986
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−310]
Slope(β_n) = −2.24E−02
Y−intercept = 0.271
1097.0 PMCs used [18248 scans]
Average IWC = 112.5(±46.8) gm/km²
TOTAL Ice = 51.3 tons; max = 342.3
Average FREQUENCY = 6.01%
Average ALBEDO = 11.74*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:43:04 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_sh19851986fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

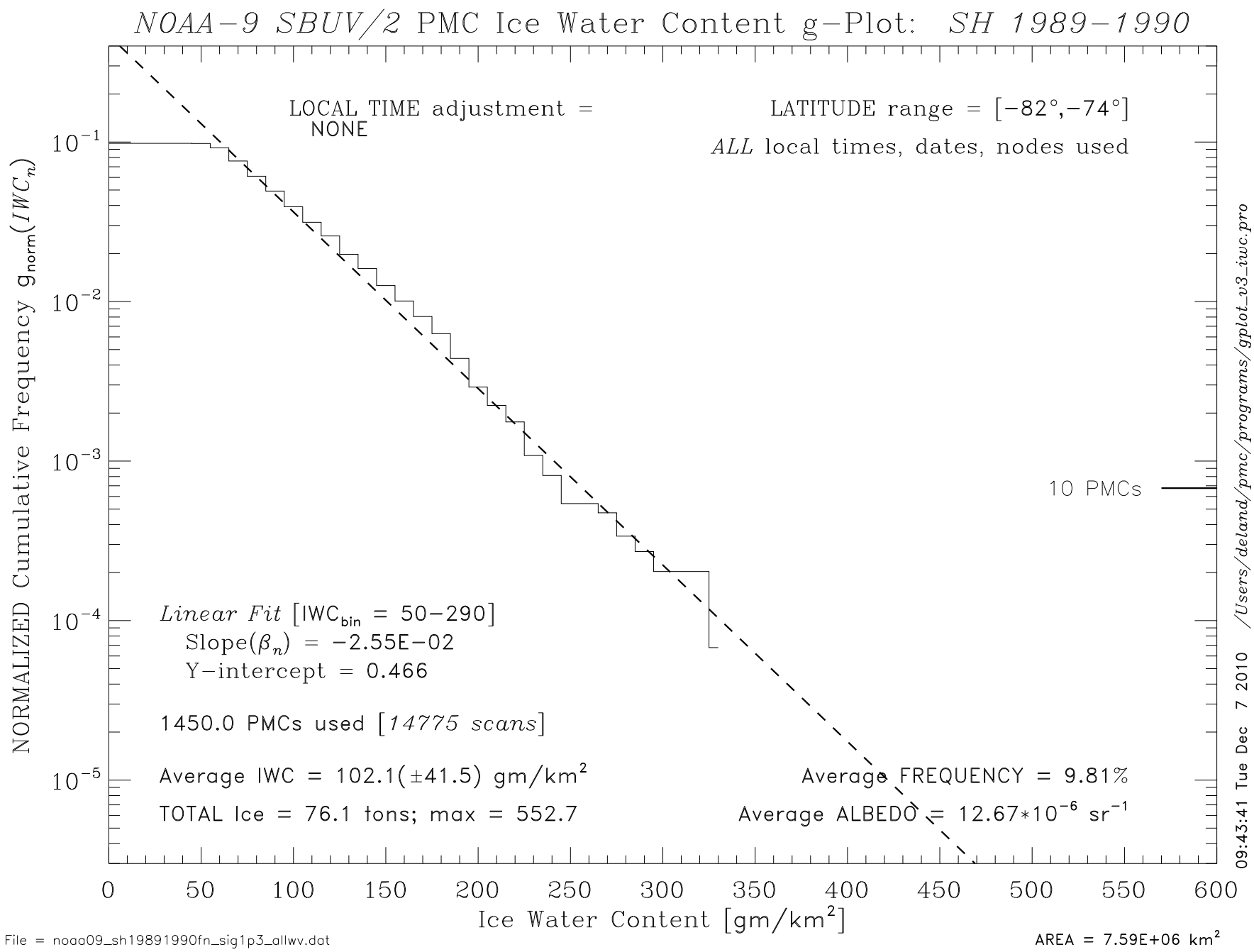

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1986−1987
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−280]
Slope(β_n) = −2.47E−02
Y−intercept = 0.261
1004.0 PMCs used [18236 scans]
Average IWC = 105.5(±39.7) gm/km²
TOTAL Ice = 44.1 tons; max = 304.2
Average FREQUENCY = 5.51%
Average ALBEDO = 11.13*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:43:07 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_sh19861987fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

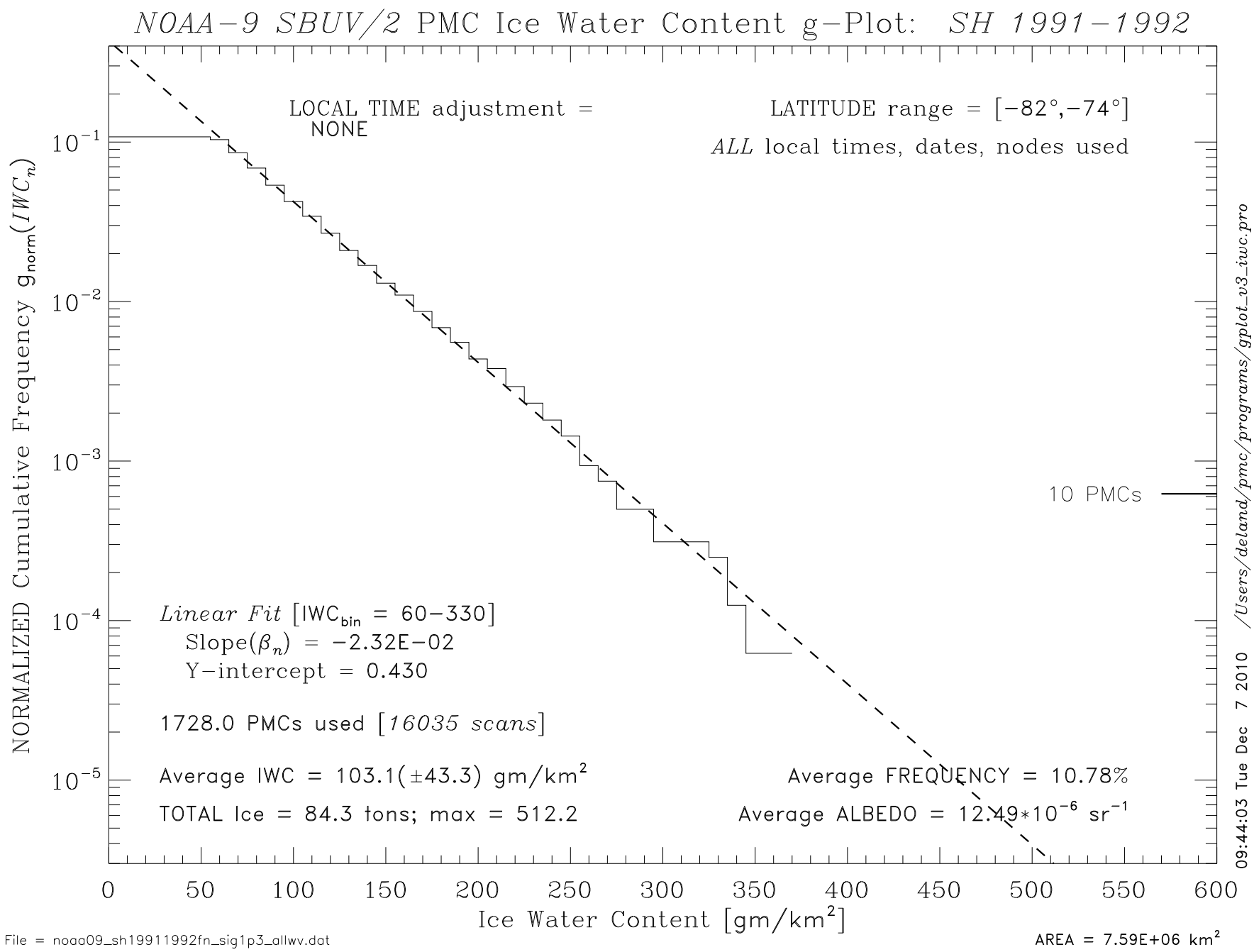

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1985−1986
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−290]
Slope(β_n) = −2.16E−02
Y−intercept = 0.185
824.0 PMCs used [15728 scans]
Average IWC = 104.6(±45.5) gm/km²
TOTAL Ice = 41.6 tons; max = 223.7
Average FREQUENCY = 5.24%
Average ALBEDO = 12.45*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:43:28 Tue Dec 7 2010
File = noaa09_sh19851986fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

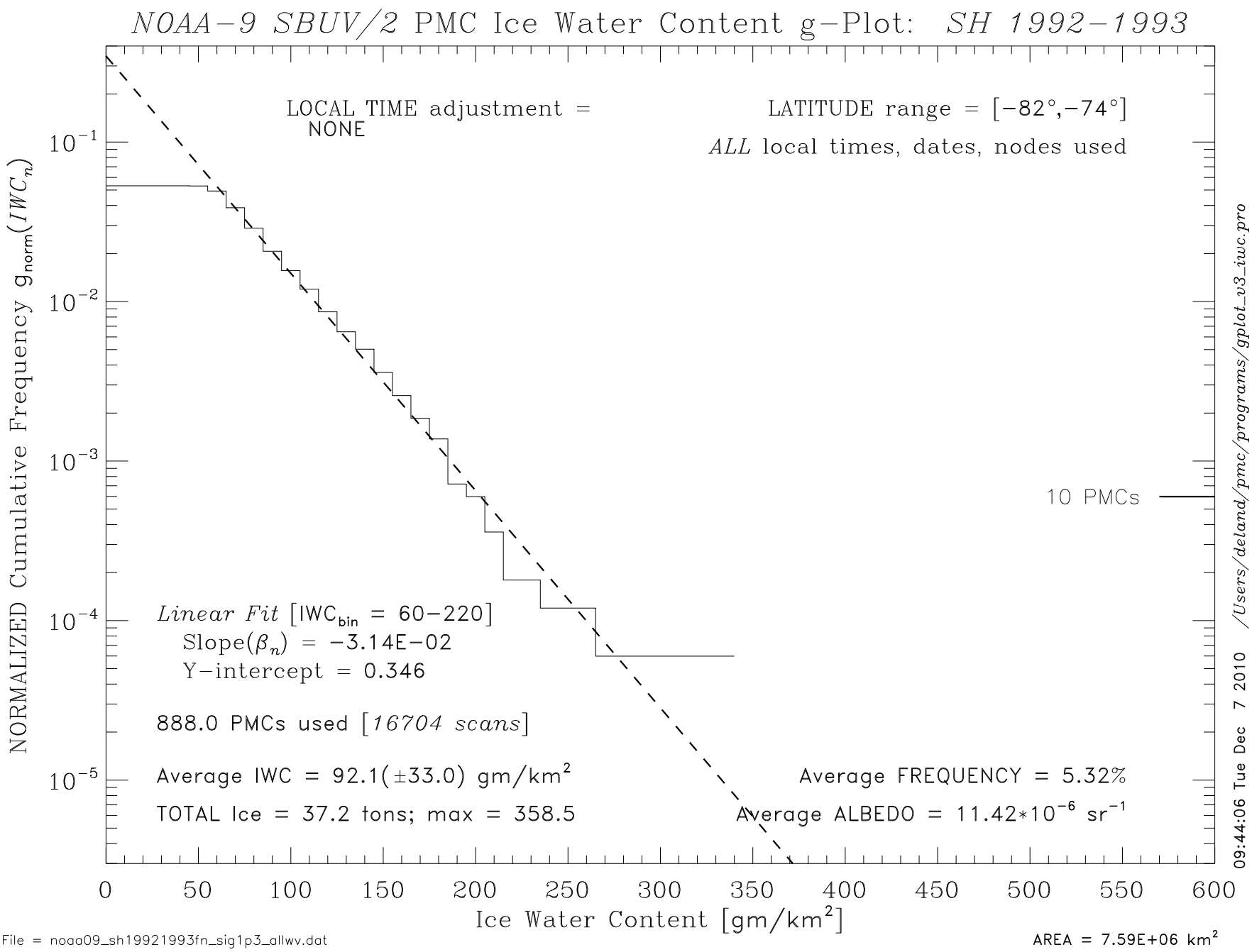

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1986−1987
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−340]
Slope(β_n) = −2.34E−02
Y−intercept = 0.389
1809.0 PMCs used [17723 scans]
Average IWC = 103.5(±42.3) gm/km²
TOTAL Ice = 80.2 tons; max = 463.9
Average FREQUENCY = 10.21%
Average ALBEDO = 12.41*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:43:31 Tue Dec 7 2010
File = noaa09_sh19861987fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

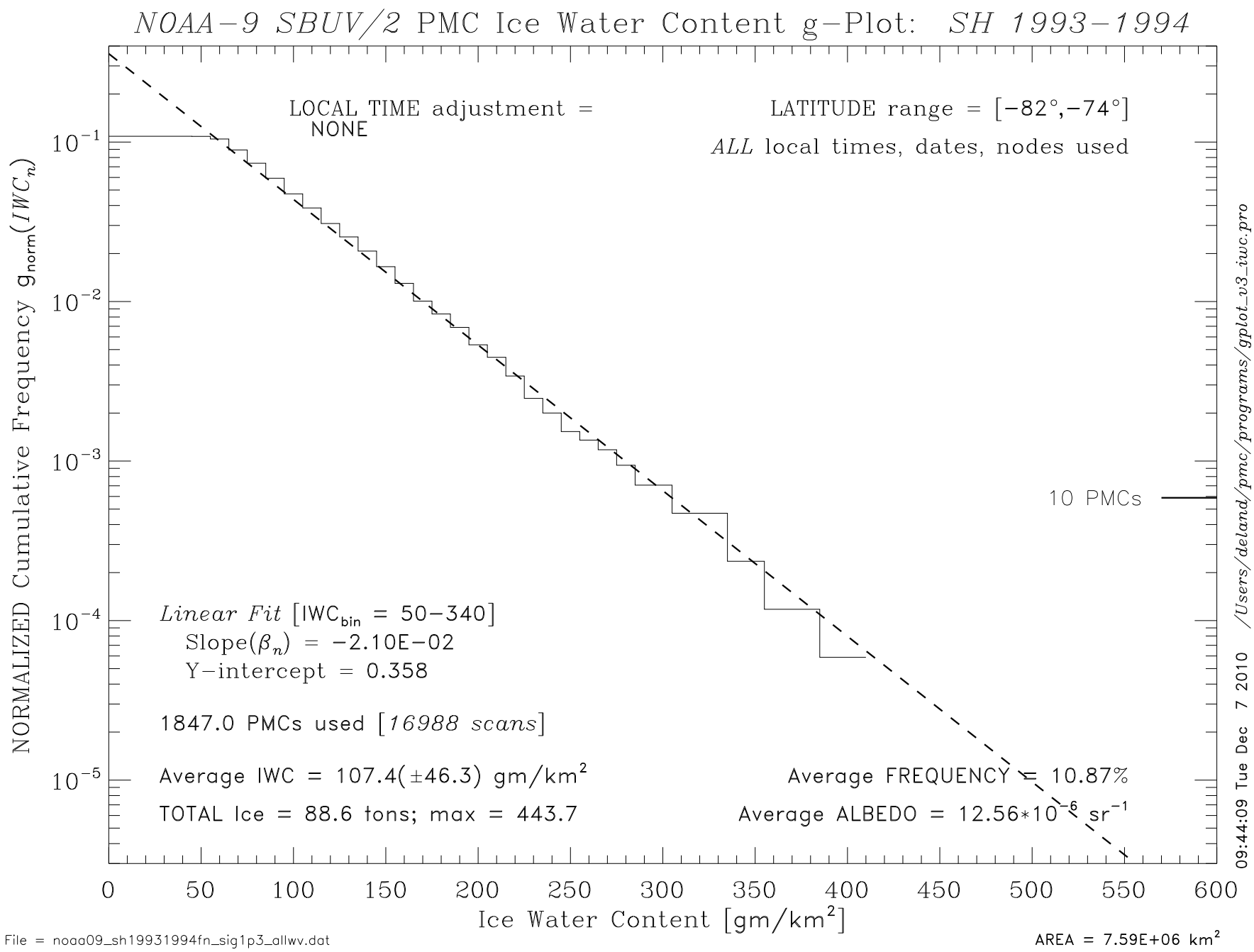

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1987−1988
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−340]
Slope(β_n) = −1.99E−02
Y−intercept = 0.337
1837.0 PMCs used [17442 scans]
Average IWC = 110.1(±50.2) gm/km²
TOTAL Ice = 88.0 tons; max = 435.4
Average FREQUENCY = 10.53%
Average ALBEDO = 13.22*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:43:35 Tue Dec 7 2010
File = noaa09_sh19871988fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

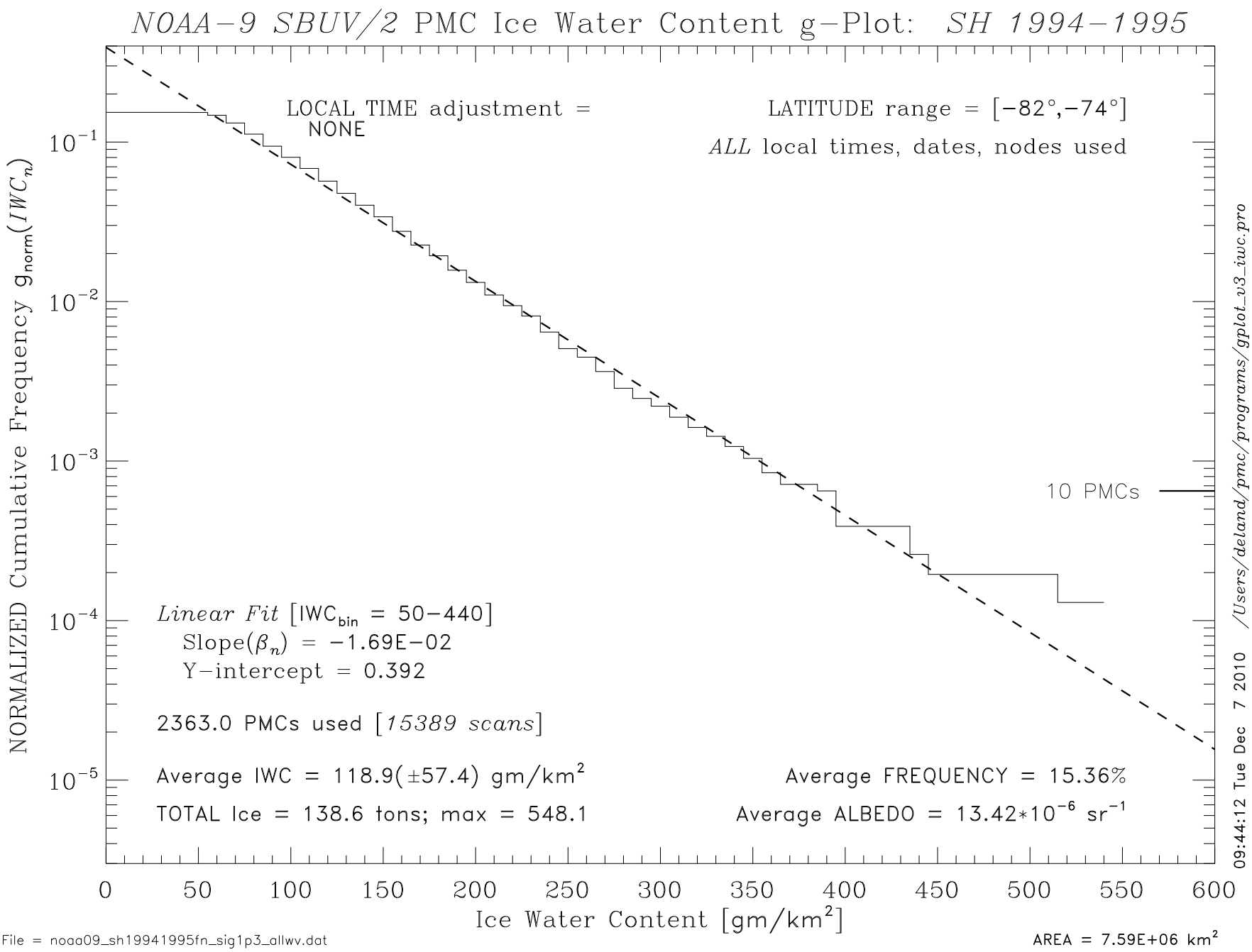

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1988−1989
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−340]
Slope(β_n) = −2.24E−02
Y−intercept = 0.383
1467.0 PMCs used [14828 scans]
Average IWC = 105.5(±46.0) gm/km²
TOTAL Ice = 79.2 tons; max = 469.4
Average FREQUENCY = 9.89%
Average ALBEDO = 12.72*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:43:38 Tue Dec 7 2010
File = noaa09_sh19881989fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

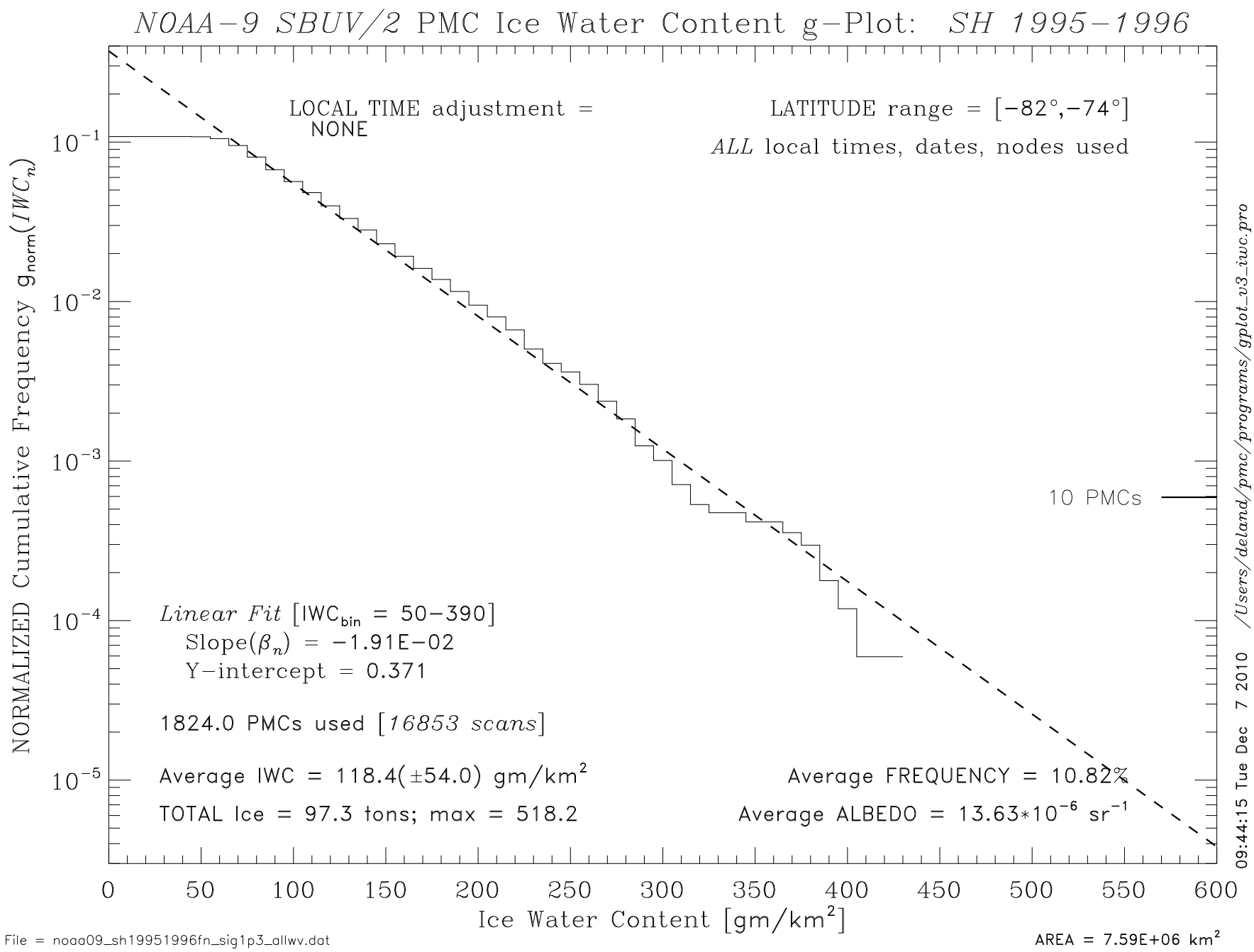

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1989−1990
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−290]
Slope(β_n) = −2.55E−02
Y−intercept = 0.466
1450.0 PMCs used [14775 scans]
Average IWC = 102.1(±41.5) gm/km²
TOTAL Ice = 76.1 tons; max = 552.7
Average FREQUENCY = 9.81%
Average ALBEDO = 12.67*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:43:41 Tue Dec 7 2010
File = noaa09_sh19891990fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

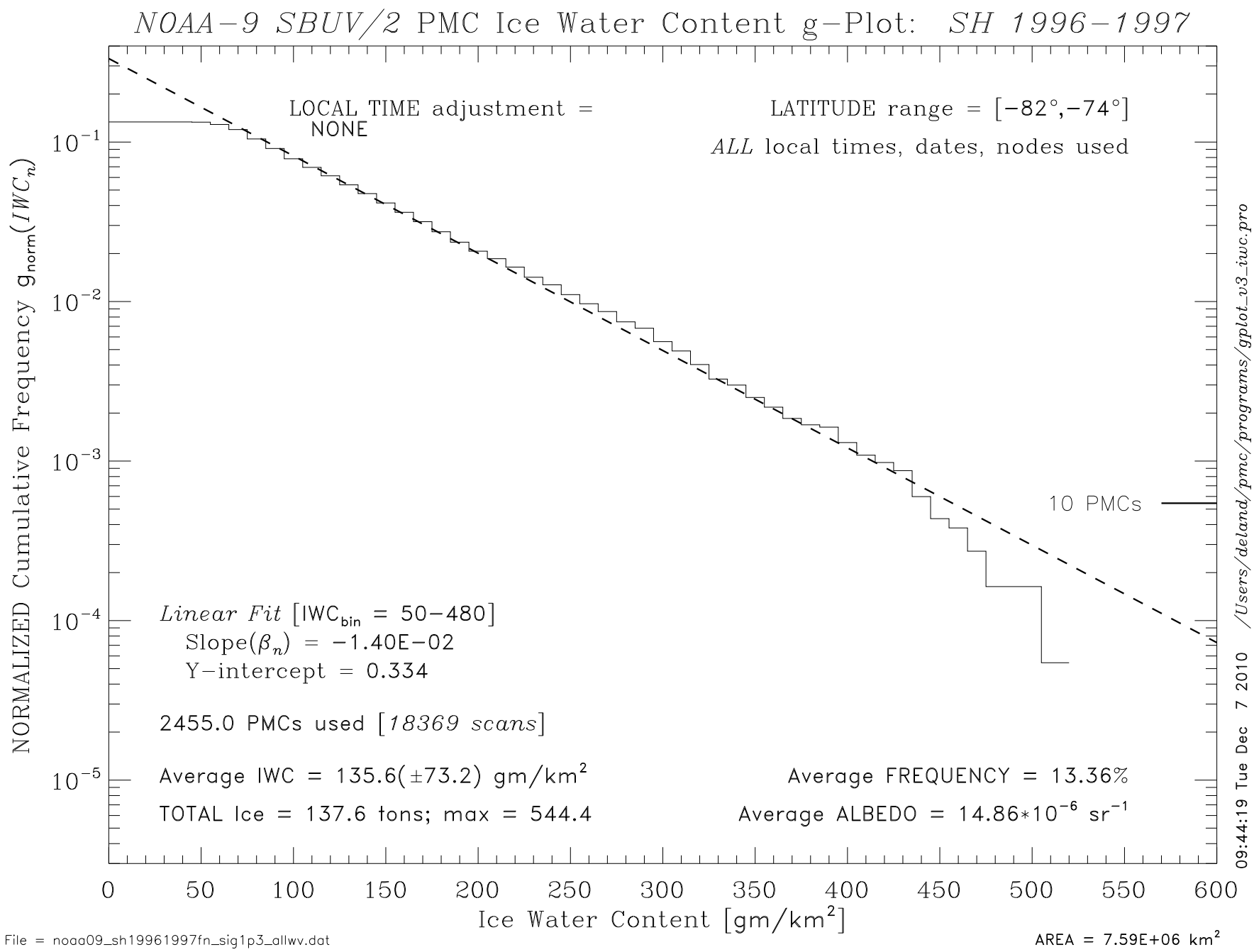

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1991−1992
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−330]
Slope(β_n) = −2.32E−02
Y−intercept = 0.430
1728.0 PMCs used [16035 scans]
Average IWC = 103.1(±43.3) gm/km²
TOTAL Ice = 84.3 tons; max = 512.2
Average FREQUENCY = 10.78%
Average ALBEDO = 12.49*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:44:03 Tue Dec 7 2010
File = noaa09_sh19911992fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

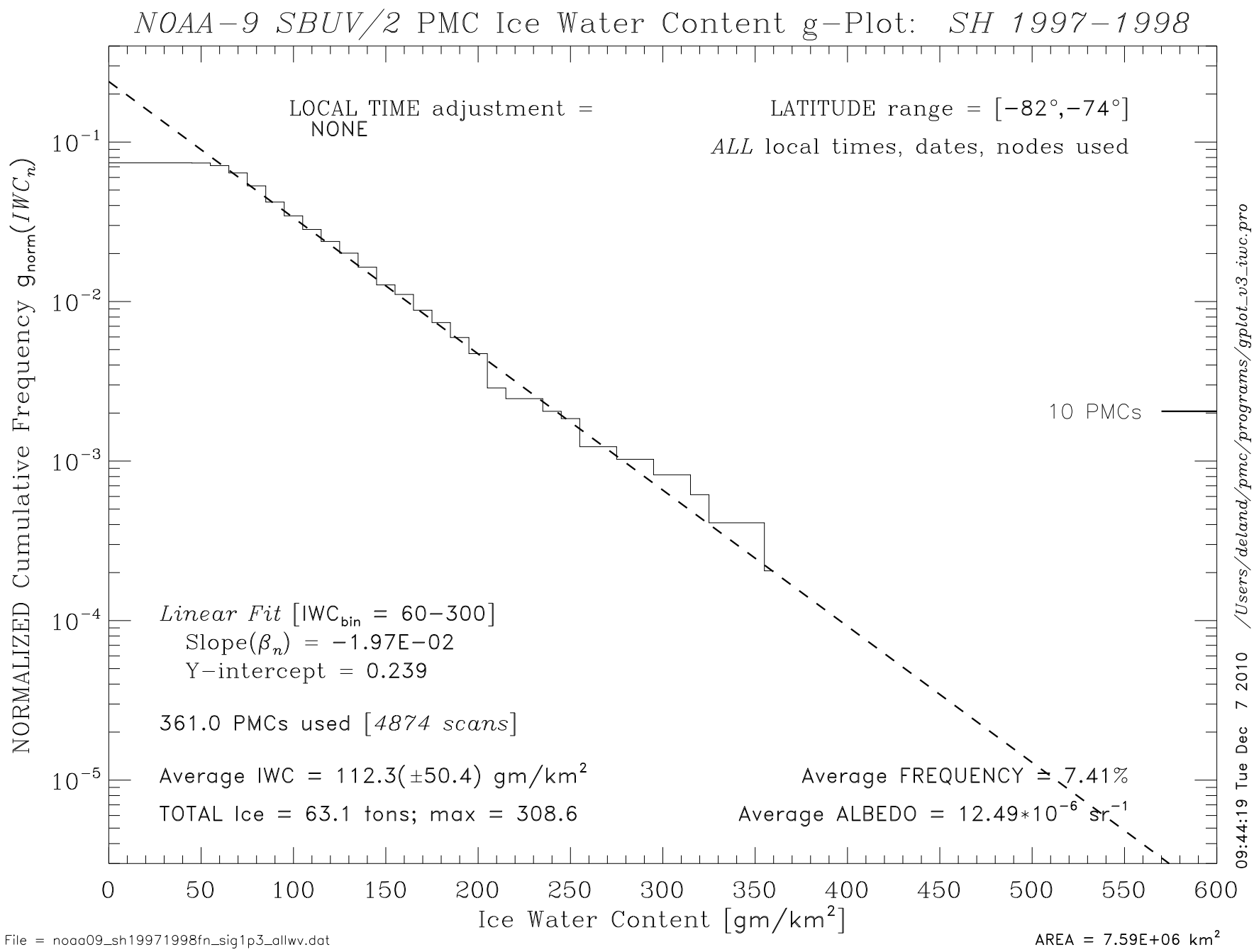

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1992−1993
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−220]
Slope(β_n) = −3.14E−02
Y−intercept = 0.346
888.0 PMCs used [16704 scans]
Average IWC = 92.1(±33.0) gm/km²
TOTAL Ice = 37.2 tons; max = 358.5
Average FREQUENCY = 5.32%
Average ALBEDO = 11.42*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:44:06 Tue Dec 7 2010
File = noaa09_sh19921993fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

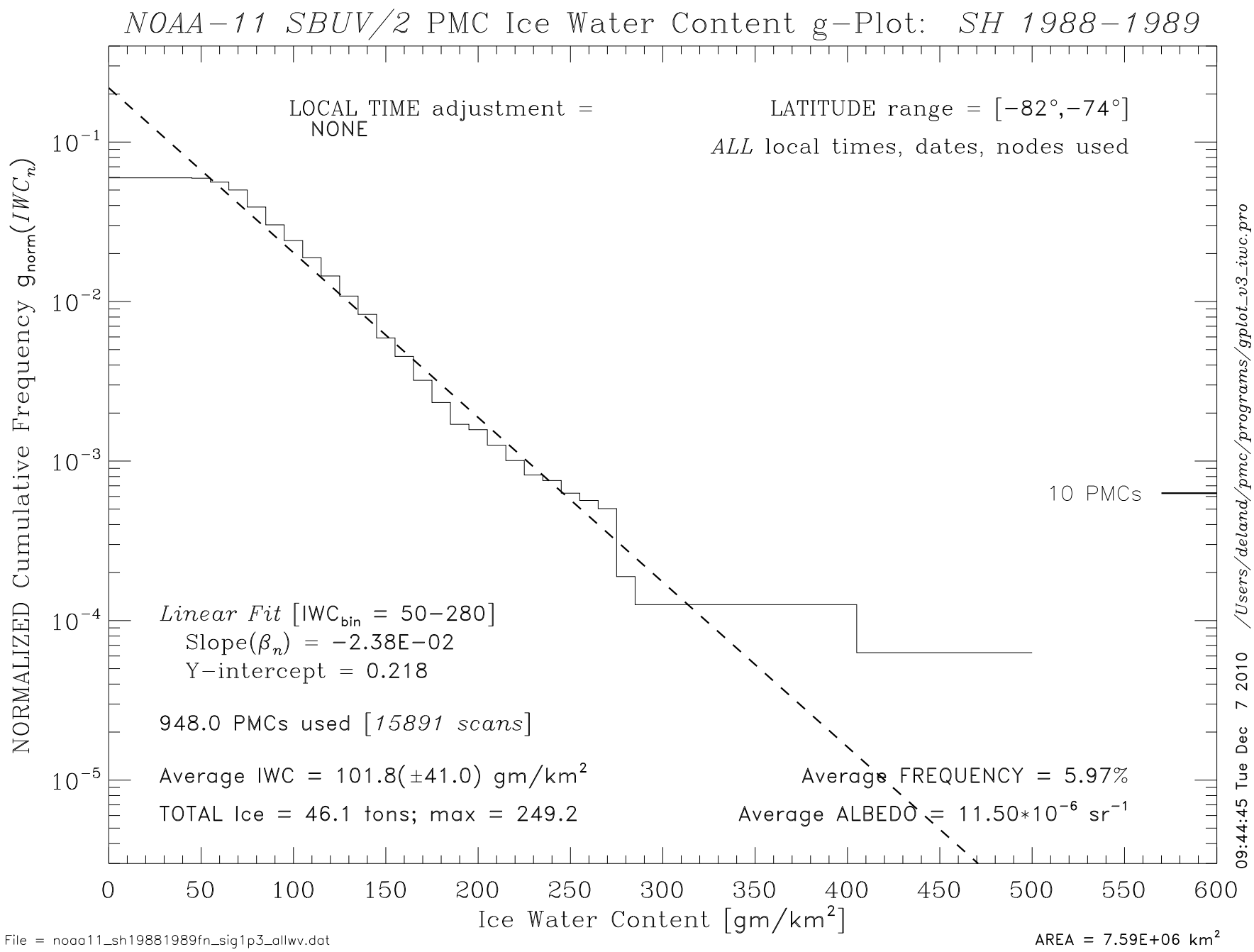

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1993−1994
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−340]
Slope(β_n) = −2.10E−02
Y−intercept = 0.358
1847.0 PMCs used [16988 scans]
Average IWC = 107.4(±46.3) gm/km²
TOTAL Ice = 88.6 tons; max = 443.7
Average FREQUENCY = 10.87%
Average ALBEDO = 12.56*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:44:09 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_sh19931994fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

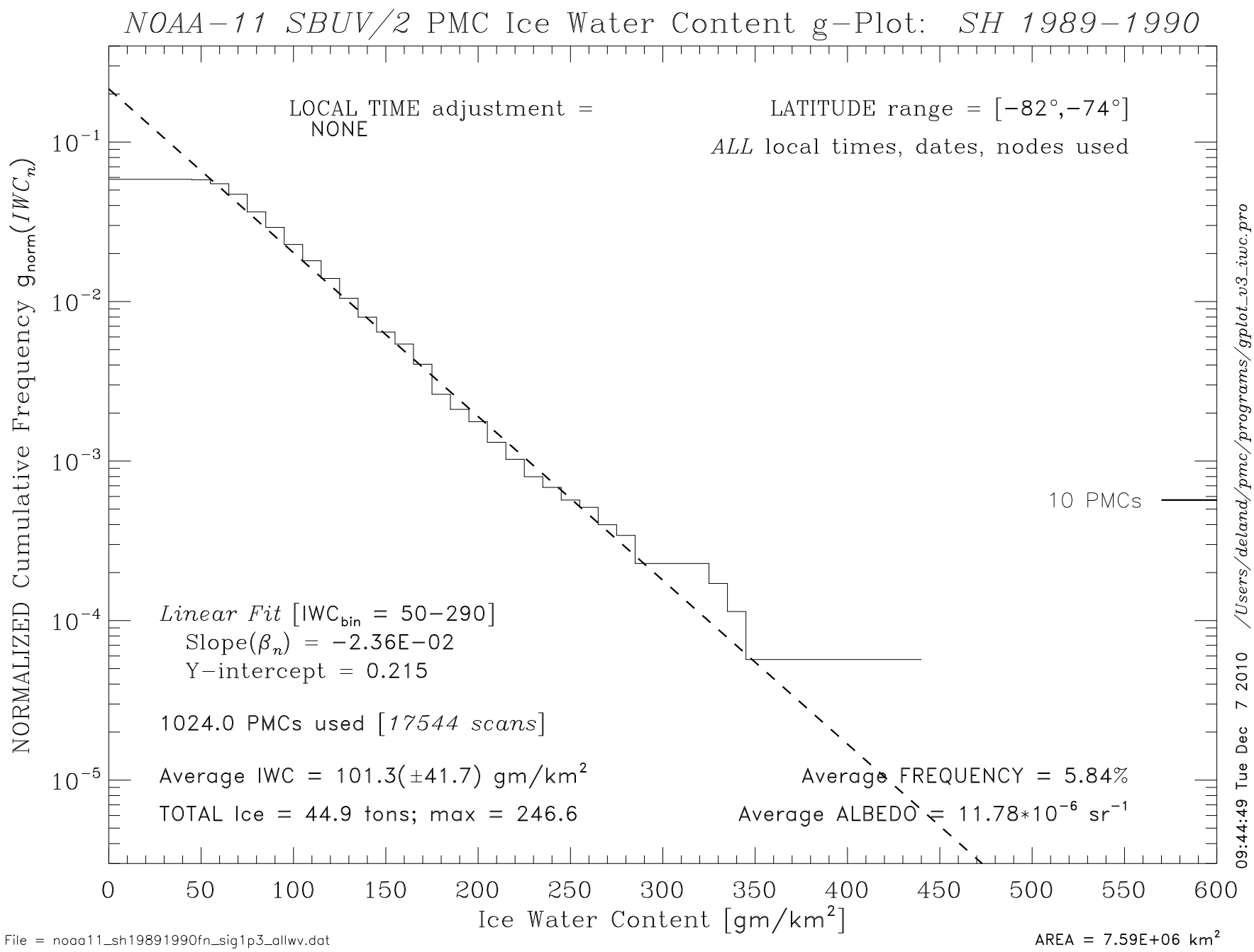

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1994−1995
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−440]
Slope(β_n) = −1.69E−02
Y−intercept = 0.392
2363.0 PMCs used [15389 scans]
Average IWC = 118.9(±57.4) gm/km²
TOTAL Ice = 138.6 tons; max = 548.1
Average FREQUENCY = 15.36%
Average ALBEDO = 13.42*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:44:12 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_sh19941995fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

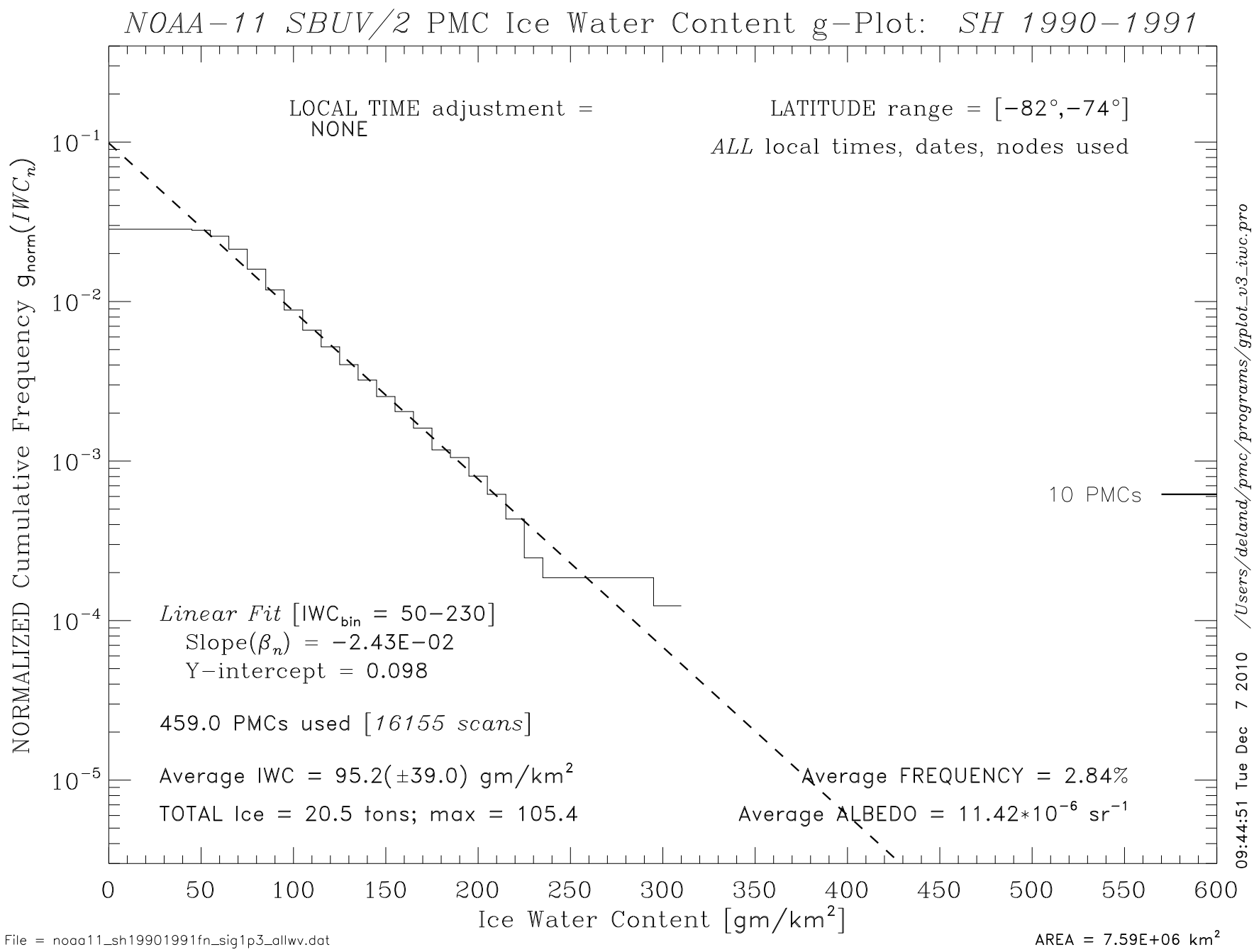

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1995−1996
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−390]
Slope(β_n) = −1.91E−02
Y−intercept = 0.371
1824.0 PMCs used [16853 scans]
Average IWC = 118.4(±54.0) gm/km²
TOTAL Ice = 97.3 tons; max = 518.2
Average FREQUENCY = 10.82%
Average ALBEDO = 13.63*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:44:15 Tue Dec 7 2010
File = noaa09_sh19951996fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

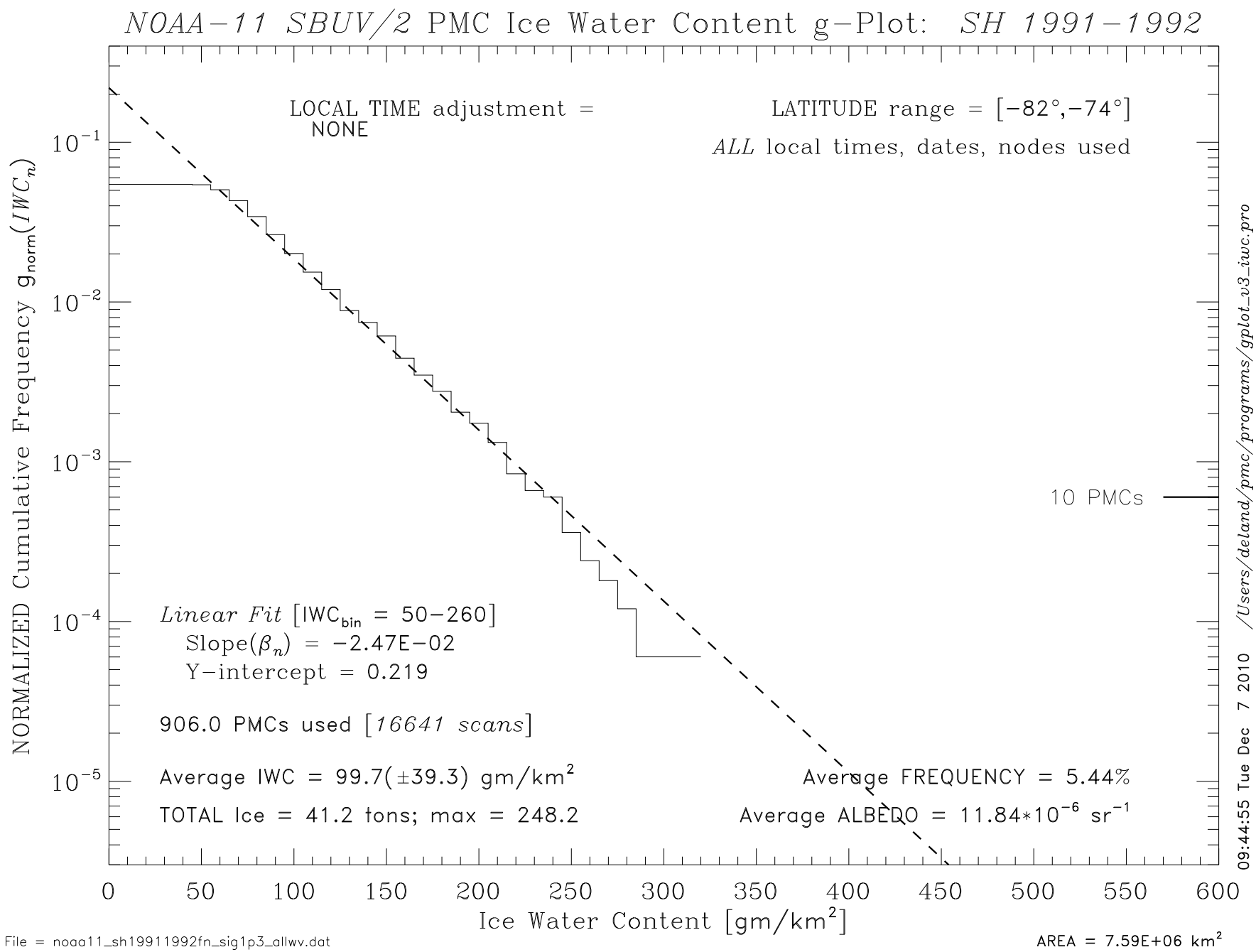

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1996−1997
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−480]
Slope(β_n) = −1.40E−02
Y−intercept = 0.334
2455.0 PMCs used [18369 scans]
Average IWC = 135.6(±73.2) gm/km²
TOTAL Ice = 137.6 tons; max = 544.4
Average FREQUENCY = 13.36%
Average ALBEDO = 14.86*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:44:19 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_sh19961997fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

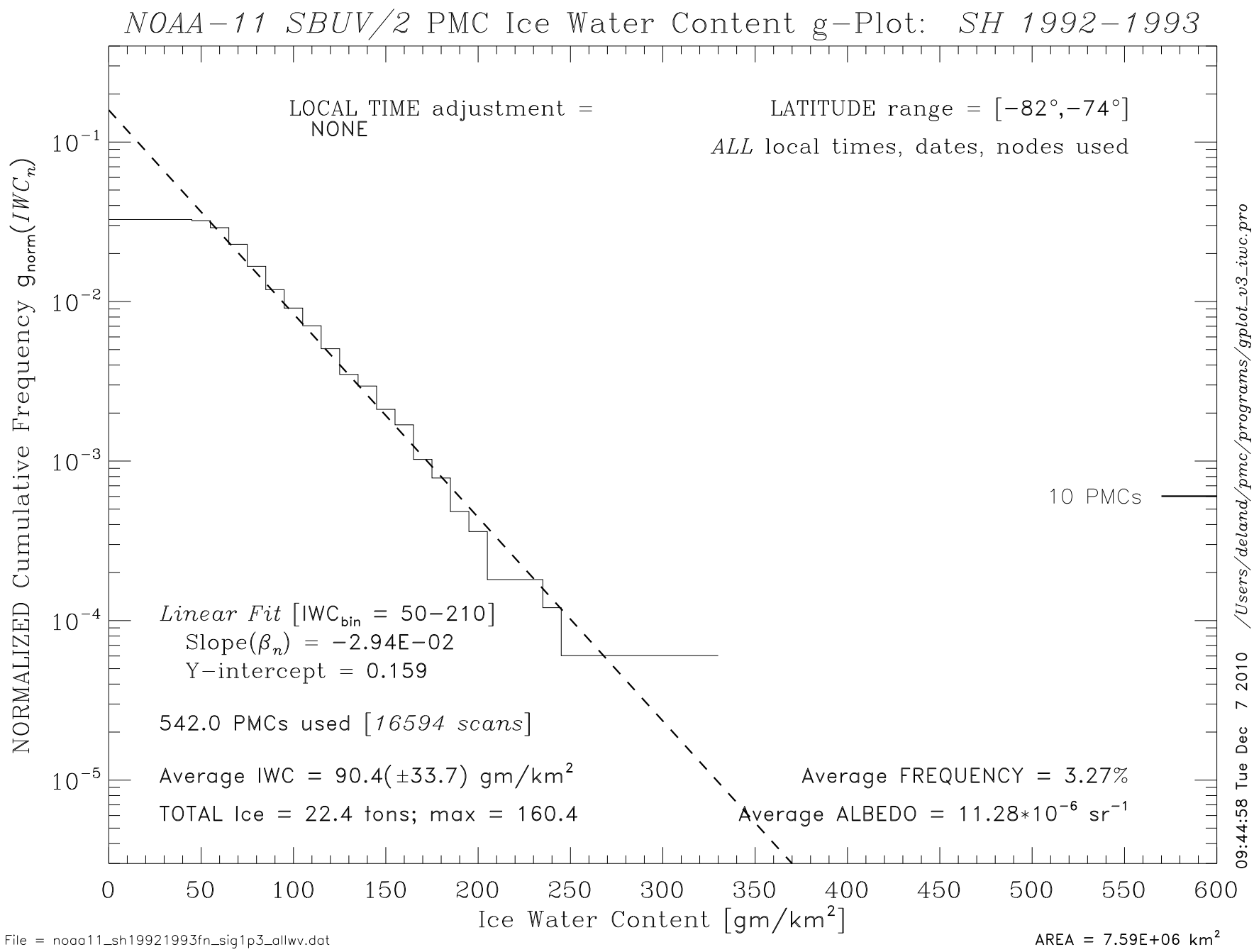

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1997−1998
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−300]
Slope(β_n) = −1.97E−02
Y−intercept = 0.239
361.0 PMCs used [4874 scans]
Average IWC = 112.3(±50.4) gm/km²
TOTAL Ice = 63.1 tons; max = 308.6
Average FREQUENCY = 7.41%
Average ALBEDO = 12.49*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:44:19 Tue Dec 7 2010
File = noaa09_sh19971998fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

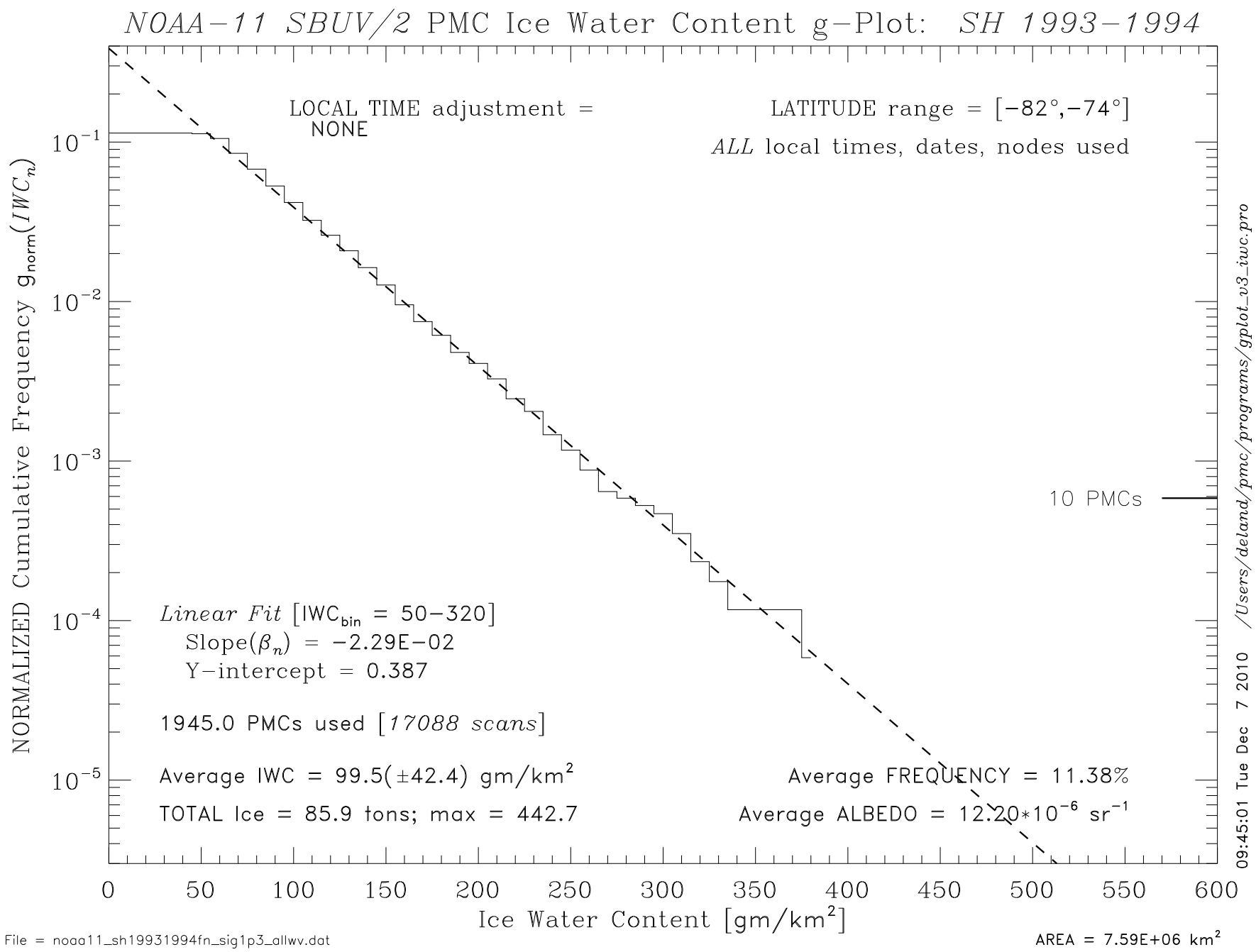

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1988−1989
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−280]
Slope(β_n) = −2.38E−02
Y−intercept = 0.218
948.0 PMCs used [15891 scans]
Average IWC = 101.8(±41.0) gm/km²
TOTAL Ice = 46.1 tons; max = 249.2
Average FREQUENCY = 5.97%
Average ALBEDO = 11.50*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:44:45 Tue Dec 7 2010
File = noaa11_sh19881989fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

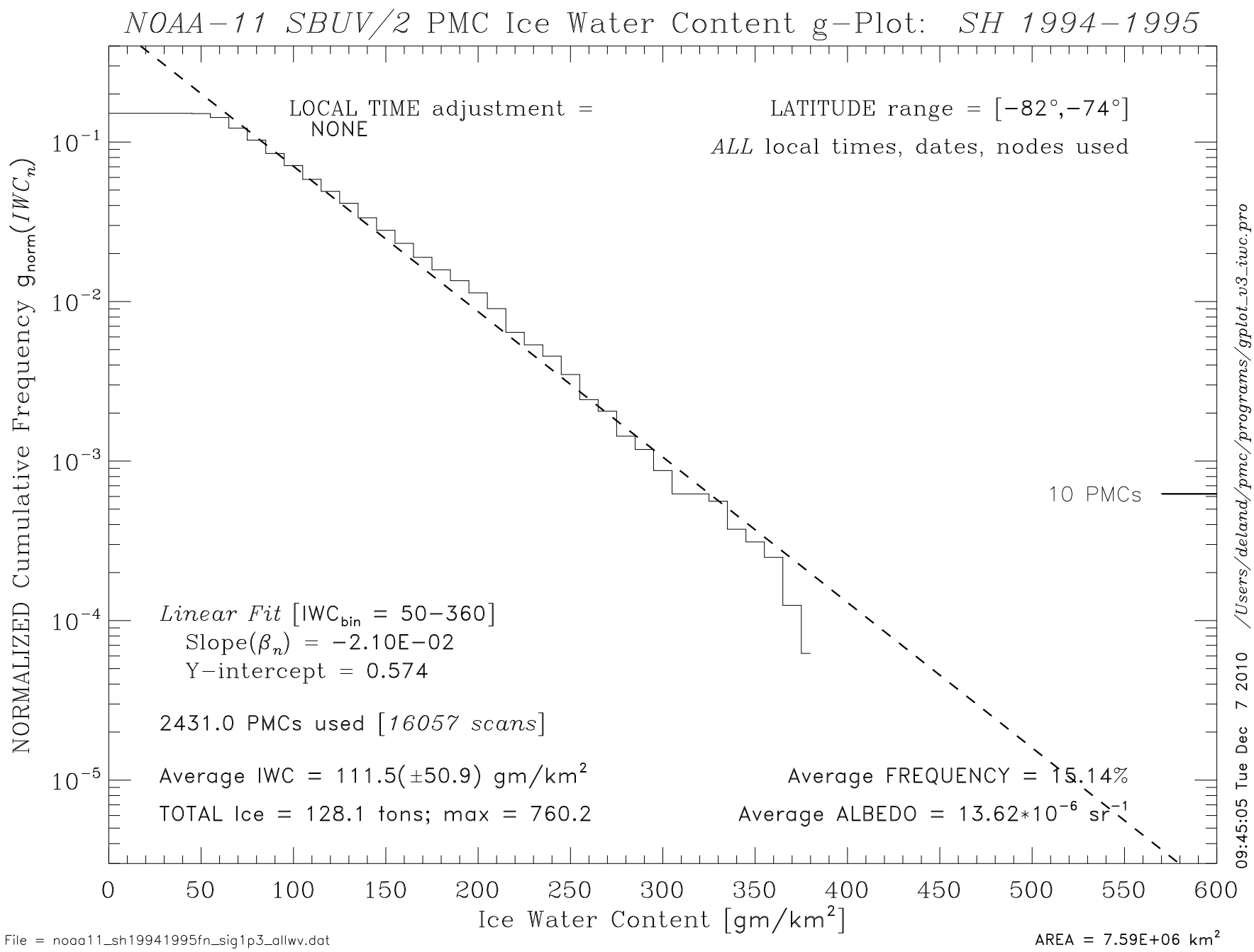

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1989−1990
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−290]
Slope(β_n) = −2.36E−02
Y−intercept = 0.215
1024.0 PMCs used [17544 scans]
Average IWC = 101.3(±41.7) gm/km²
TOTAL Ice = 44.9 tons; max = 246.6
Average FREQUENCY = 5.84%
Average ALBEDO = 11.78*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:44:49 Tue Dec 7 2010
File = noaa11_sh19891990fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

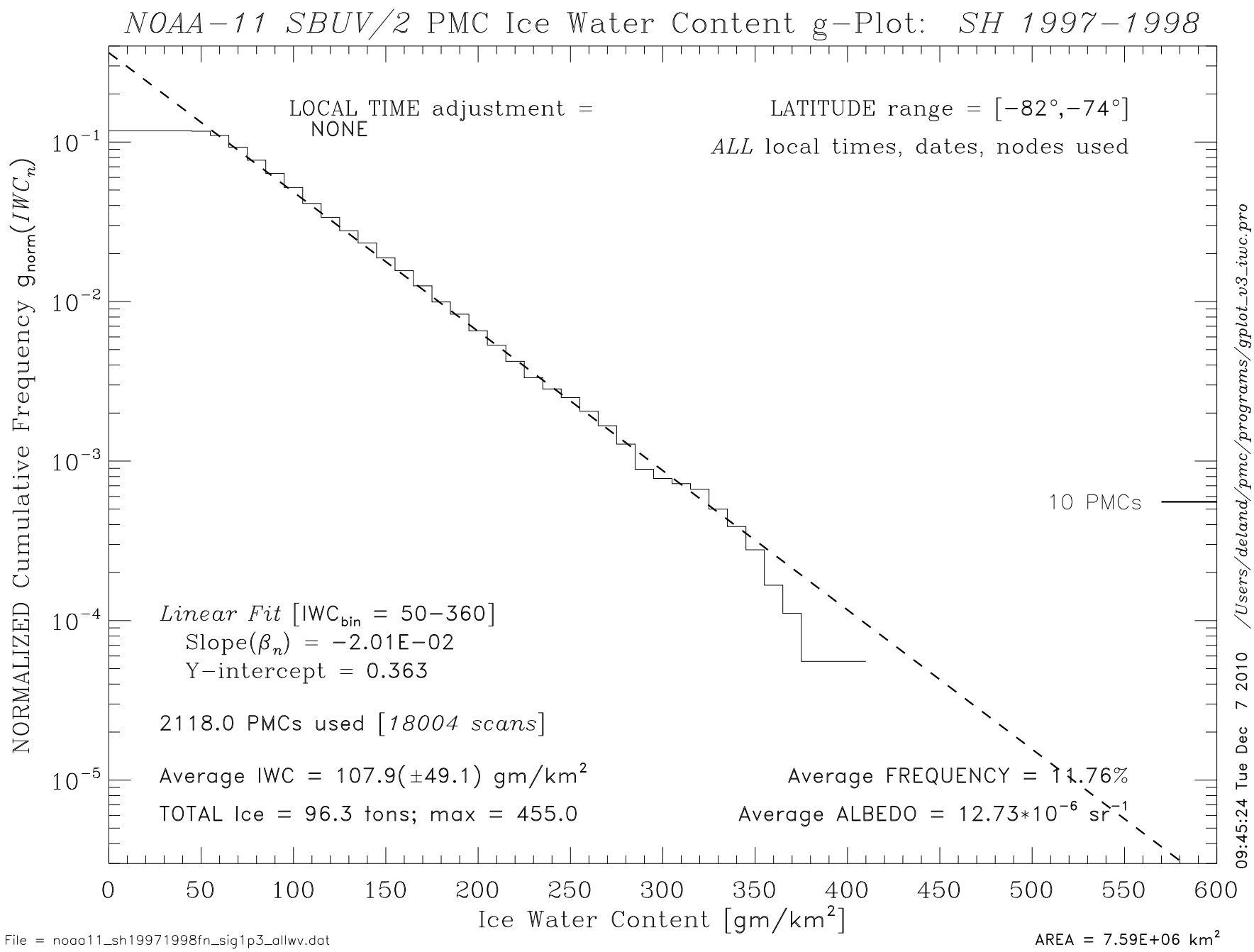

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1990−1991
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−230]
Slope(β_n) = −2.43E−02
Y−intercept = 0.098
459.0 PMCs used [16155 scans]
Average IWC = 95.2(±39.0) gm/km²
TOTAL Ice = 20.5 tons; max = 105.4
Average FREQUENCY = 2.84%
Average ALBEDO = 11.42*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:44:51 Tue Dec 7 2010
File = noaa11_sh19901991fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

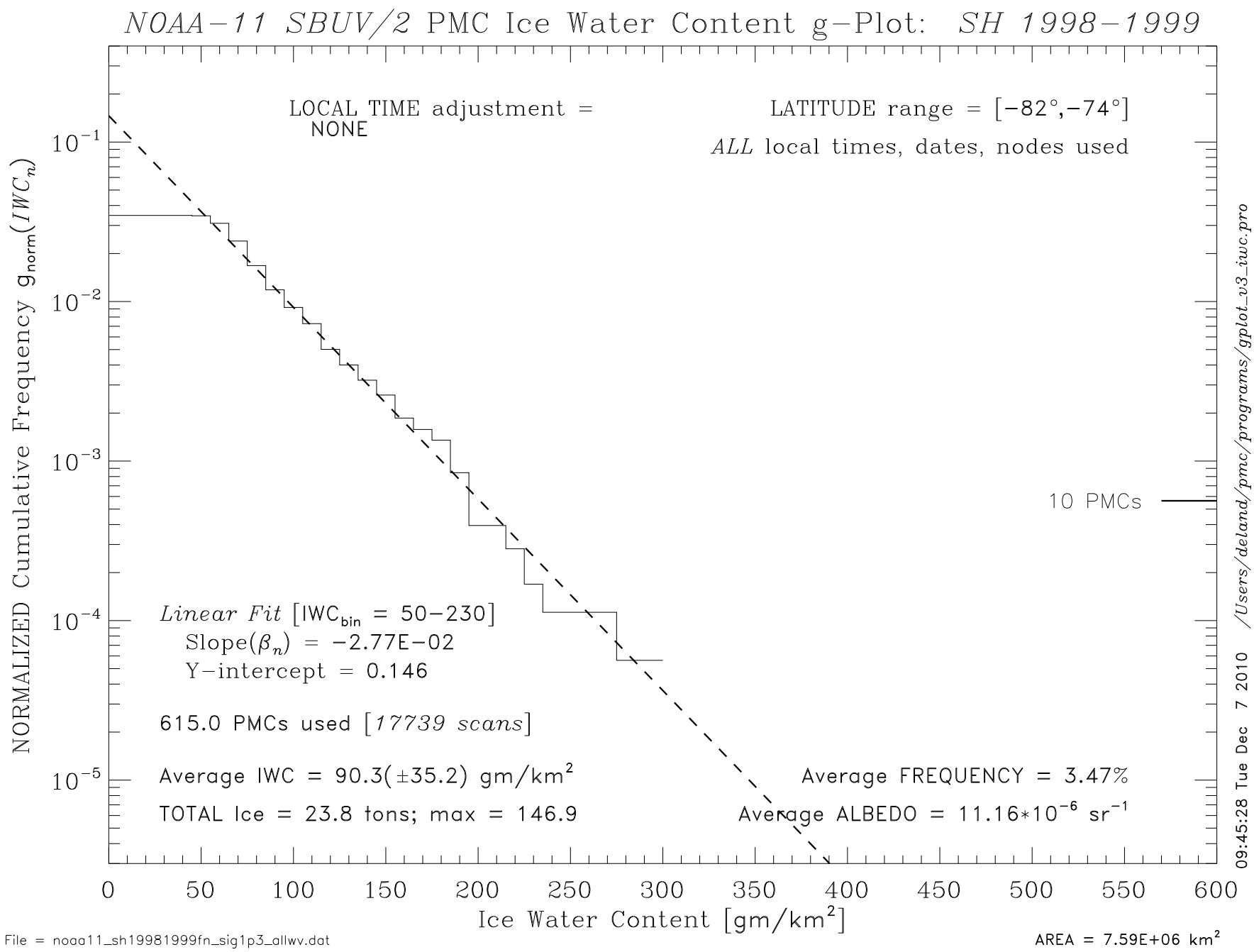

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1991−1992
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−260]
Slope(β_n) = −2.47E−02
Y−intercept = 0.219
906.0 PMCs used [16641 scans]
Average IWC = 99.7(±39.3) gm/km²
TOTAL Ice = 41.2 tons; max = 248.2
Average FREQUENCY = 5.44%
Average ALBEDO = 11.84*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:44:55 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19911992fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

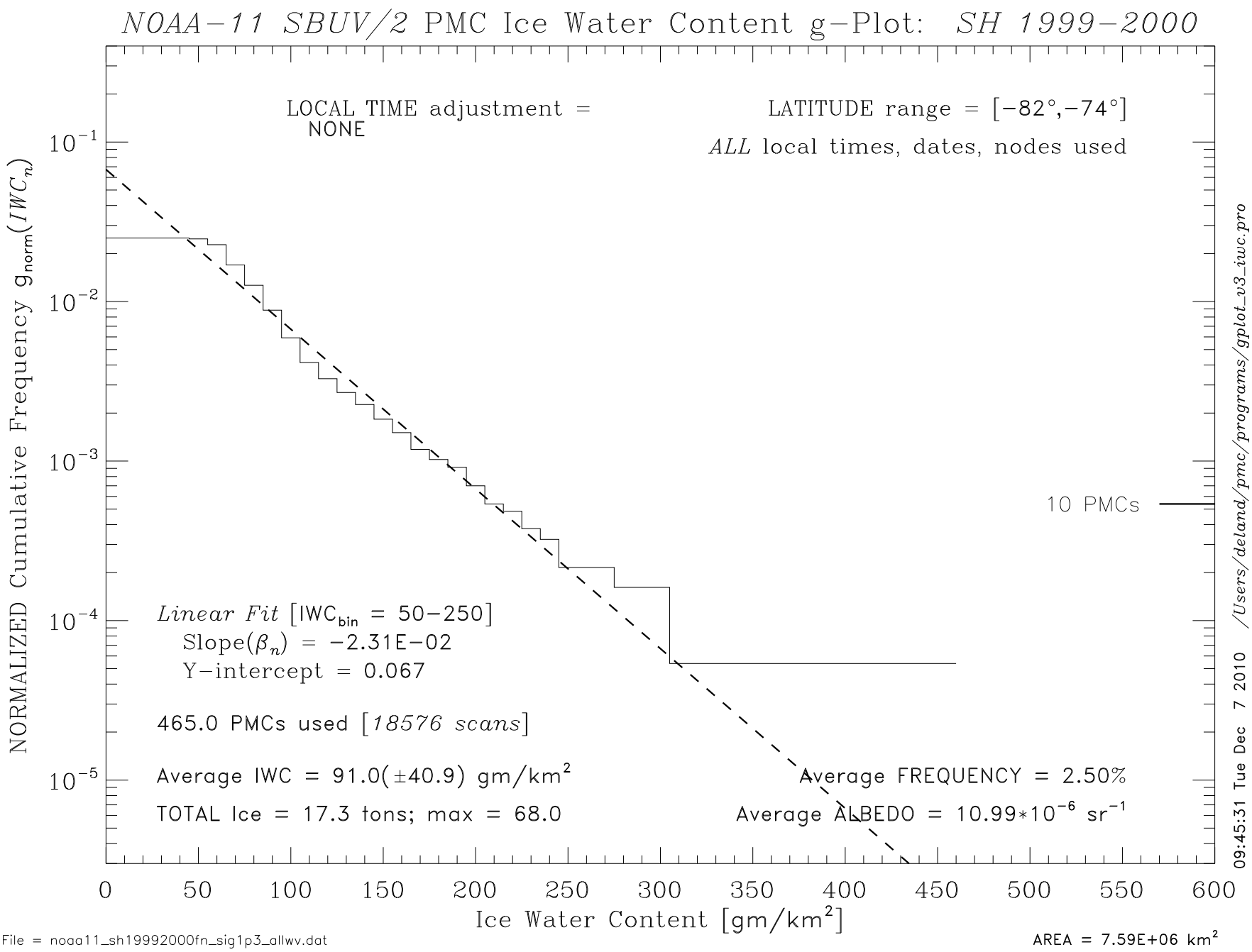

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1992−1993
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−210]
Slope(β_n) = −2.94E−02
Y−intercept = 0.159
542.0 PMCs used [16594 scans]
Average IWC = 90.4(±33.7) gm/km²
TOTAL Ice = 22.4 tons; max = 160.4
Average FREQUENCY = 3.27%
Average ALBEDO = 11.28*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:44:58 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19921993fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

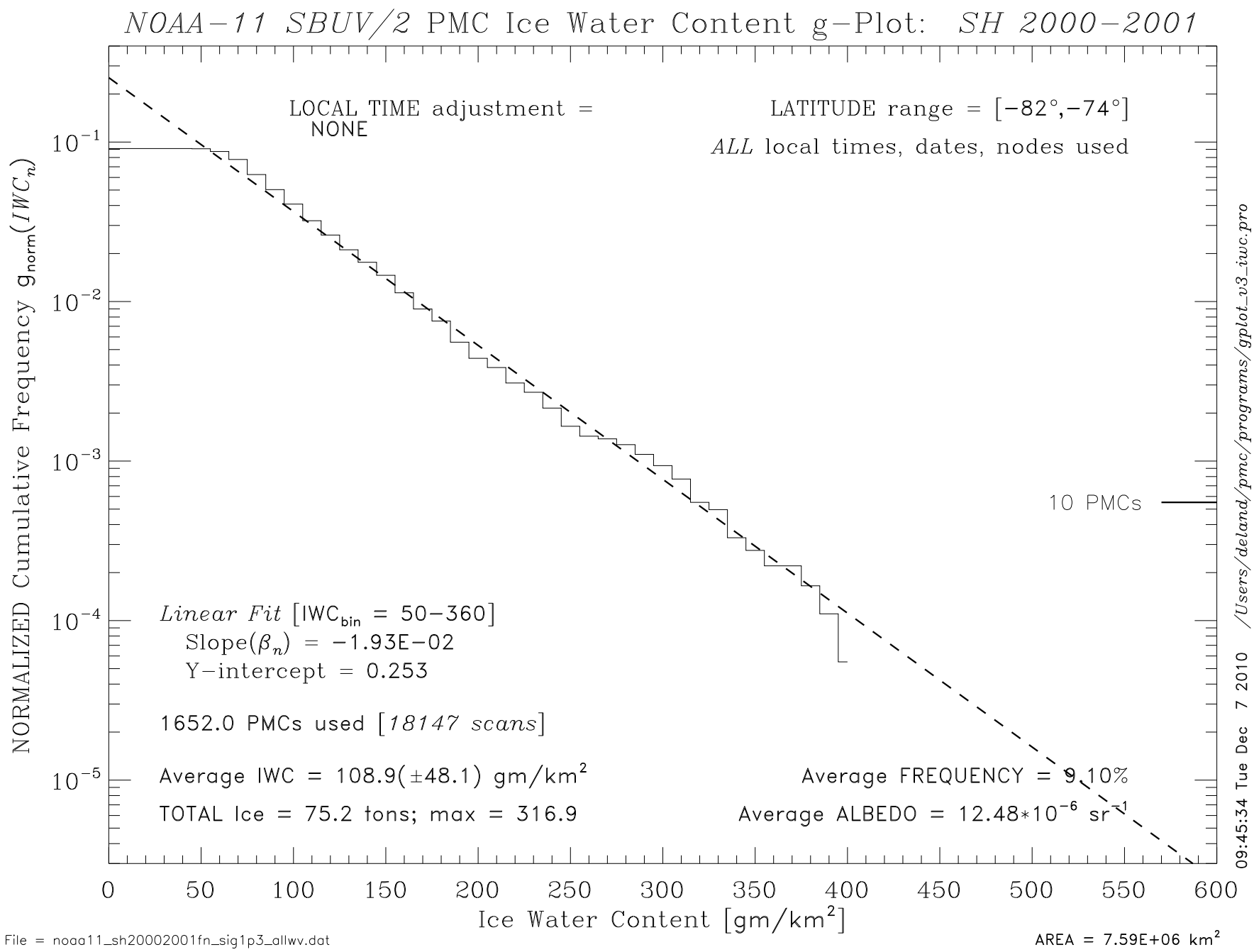

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1993−1994
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−320]
Slope(β_n) = −2.29E−02
Y−intercept = 0.387
1945.0 PMCs used [17088 scans]
Average IWC = 99.5(±42.4) gm/km²
TOTAL Ice = 85.9 tons; max = 442.7
Average FREQUENCY = 11.38%
Average ALBEDO = 12.20*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:45:01 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19931994fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

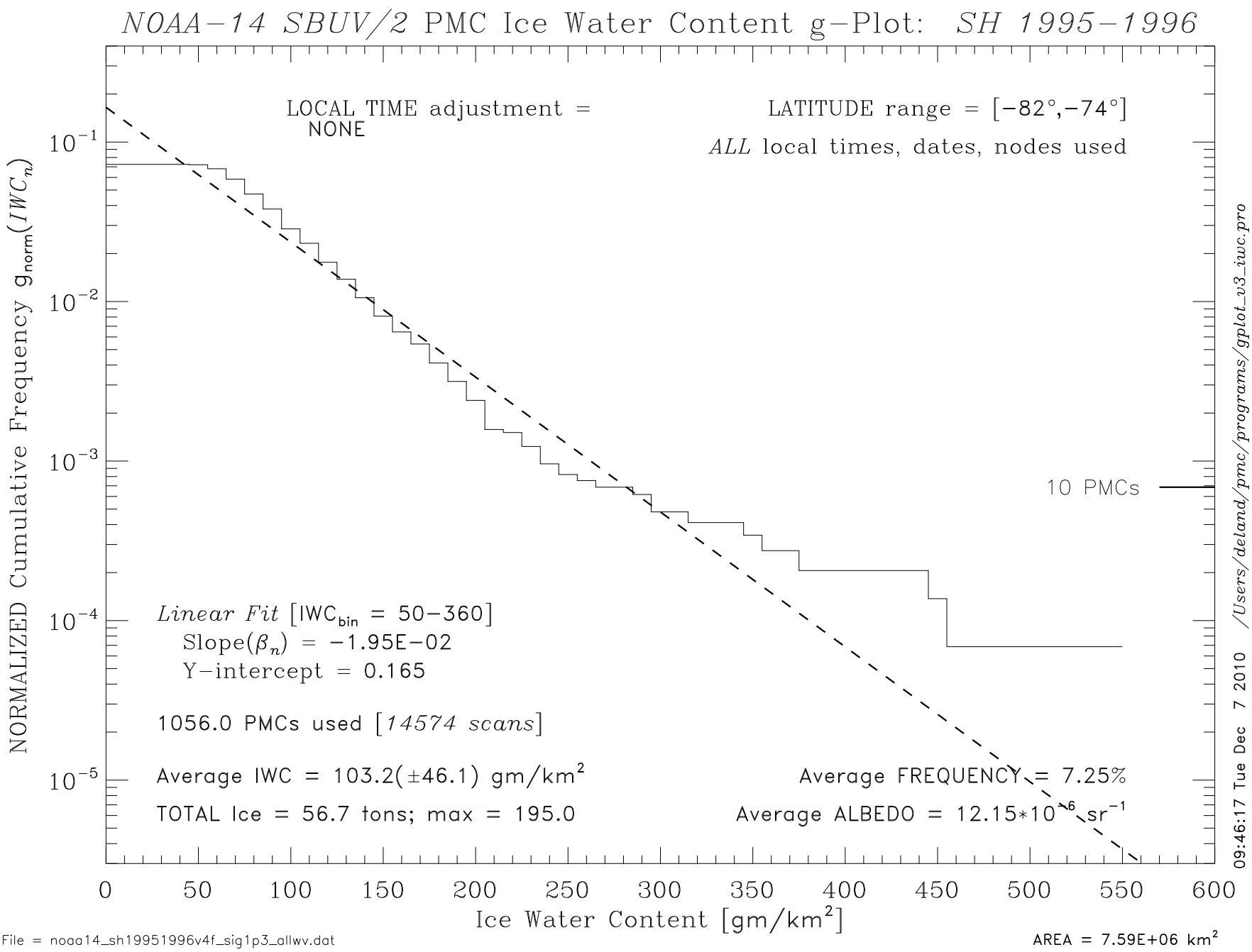

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1994−1995
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−360]
Slope(β_n) = −2.10E−02
Y−intercept = 0.574
2431.0 PMCs used [16057 scans]
Average IWC = 111.5(±50.9) gm/km²
TOTAL Ice = 128.1 tons; max = 760.2
Average FREQUENCY = 15.14%
Average ALBEDO = 13.62*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:45:05 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19941995fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

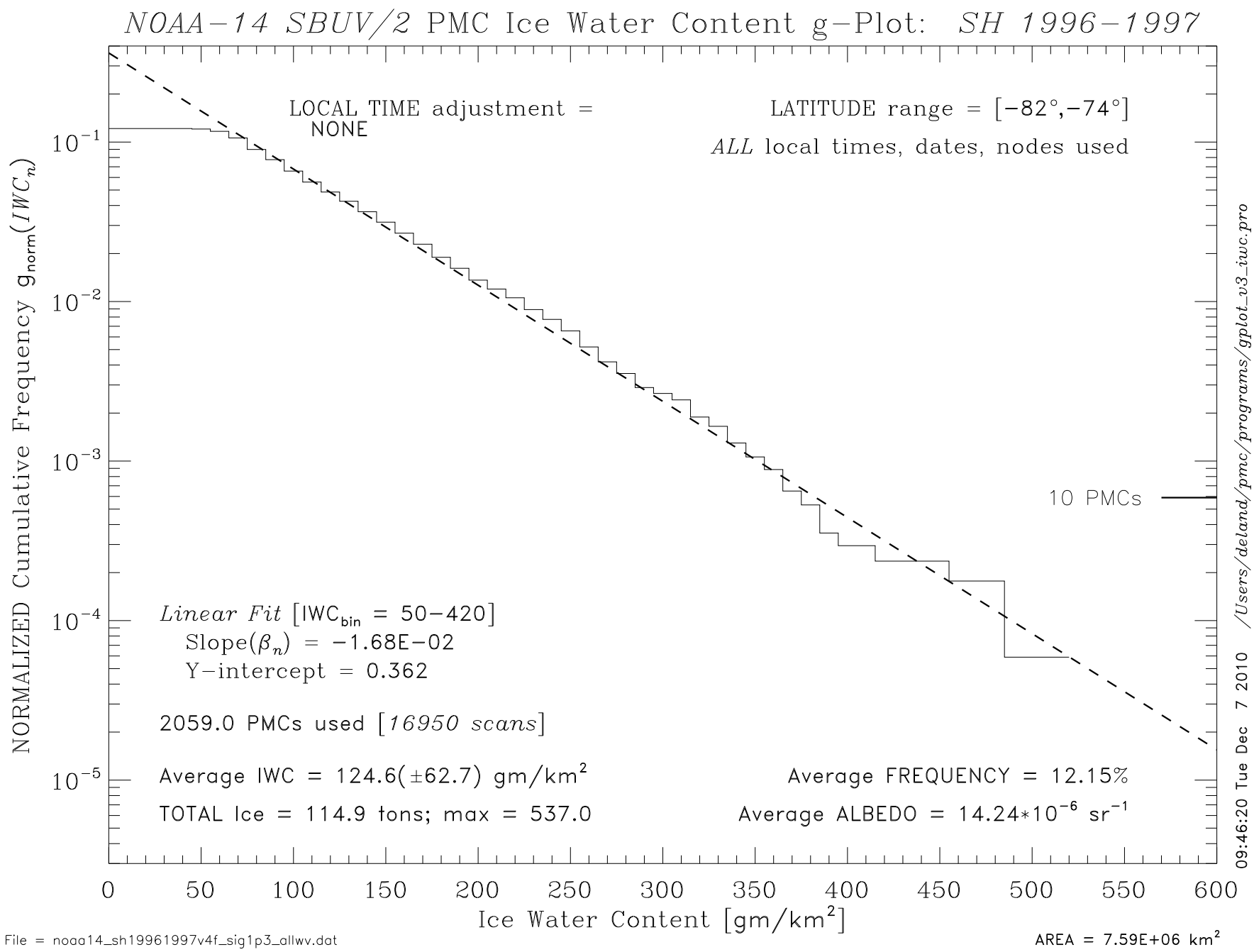

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1997−1998
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−360]
Slope(β_n) = −2.01E−02
Y−intercept = 0.363
2118.0 PMCs used [18004 scans]
Average IWC = 107.9(±49.1) gm/km²
TOTAL Ice = 96.3 tons; max = 455.0
Average FREQUENCY = 11.76%
Average ALBEDO = 12.73*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:45:24 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19971998fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

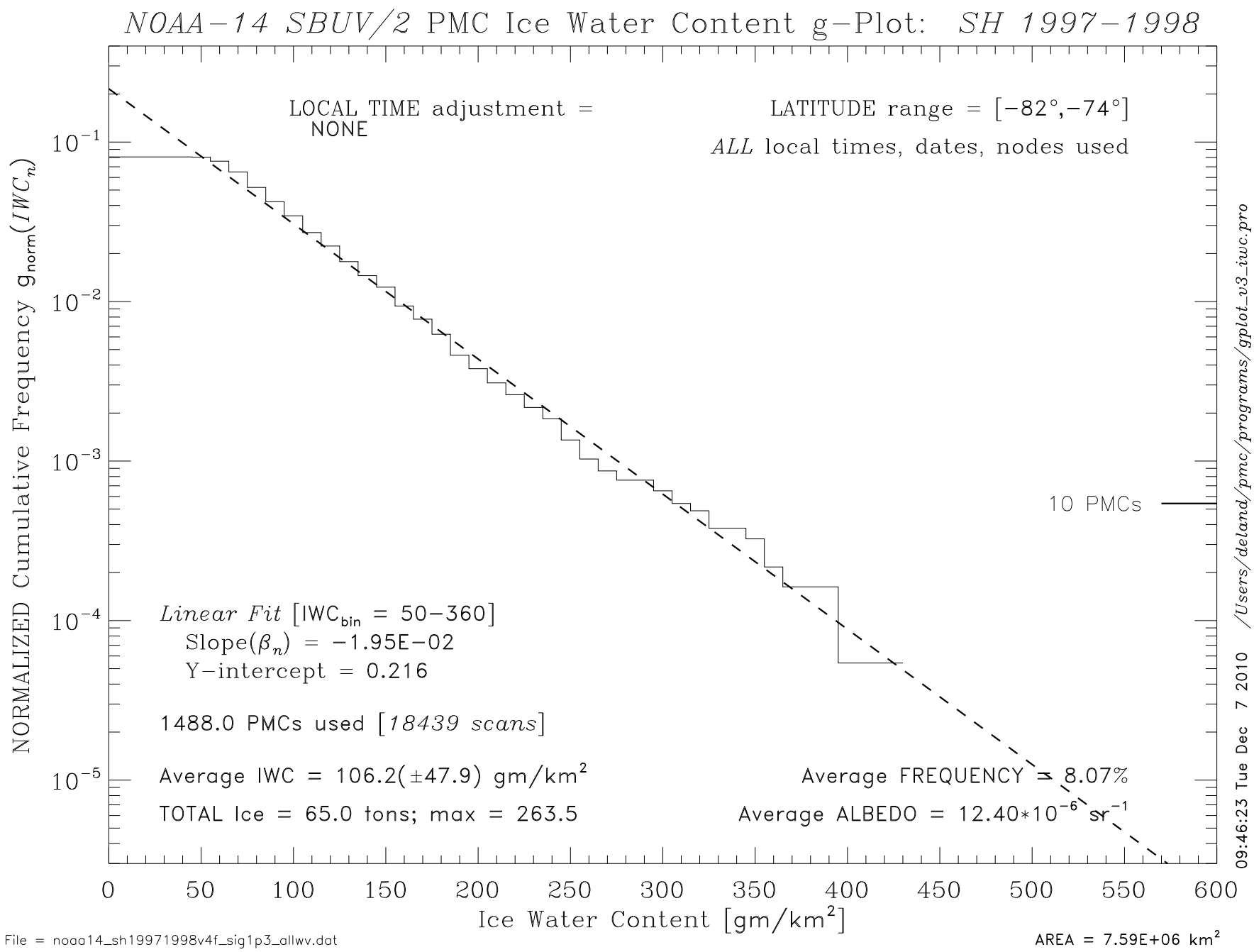

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1998−1999
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−230]
Slope(β_n) = −2.77E−02
Y−intercept = 0.146
615.0 PMCs used [17739 scans]
Average IWC = 90.3(±35.2) gm/km²
TOTAL Ice = 23.8 tons; max = 146.9
Average FREQUENCY = 3.47%
Average ALBEDO = 11.16*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:45:28 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19981999fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

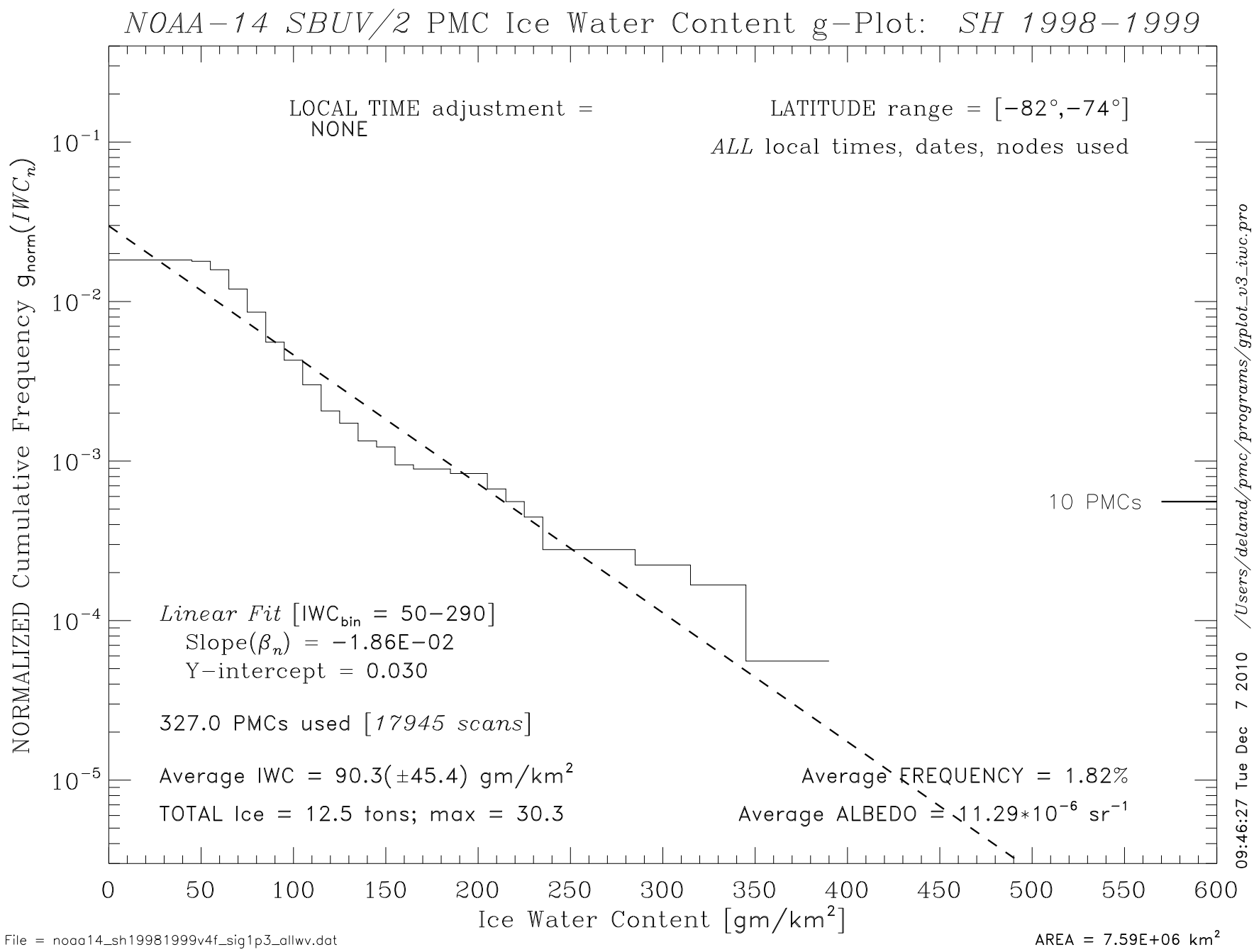

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1999−2000
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−250]
Slope(β_n) = −2.31E−02
Y−intercept = 0.067
465.0 PMCs used [18576 scans]
Average IWC = 91.0(±40.9) gm/km²
TOTAL Ice = 17.3 tons; max = 68.0
Average FREQUENCY = 2.50%
Average ALBEDO = 10.99*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:45:31 Tue Dec 7 2010
File = noaa11_sh19992000fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

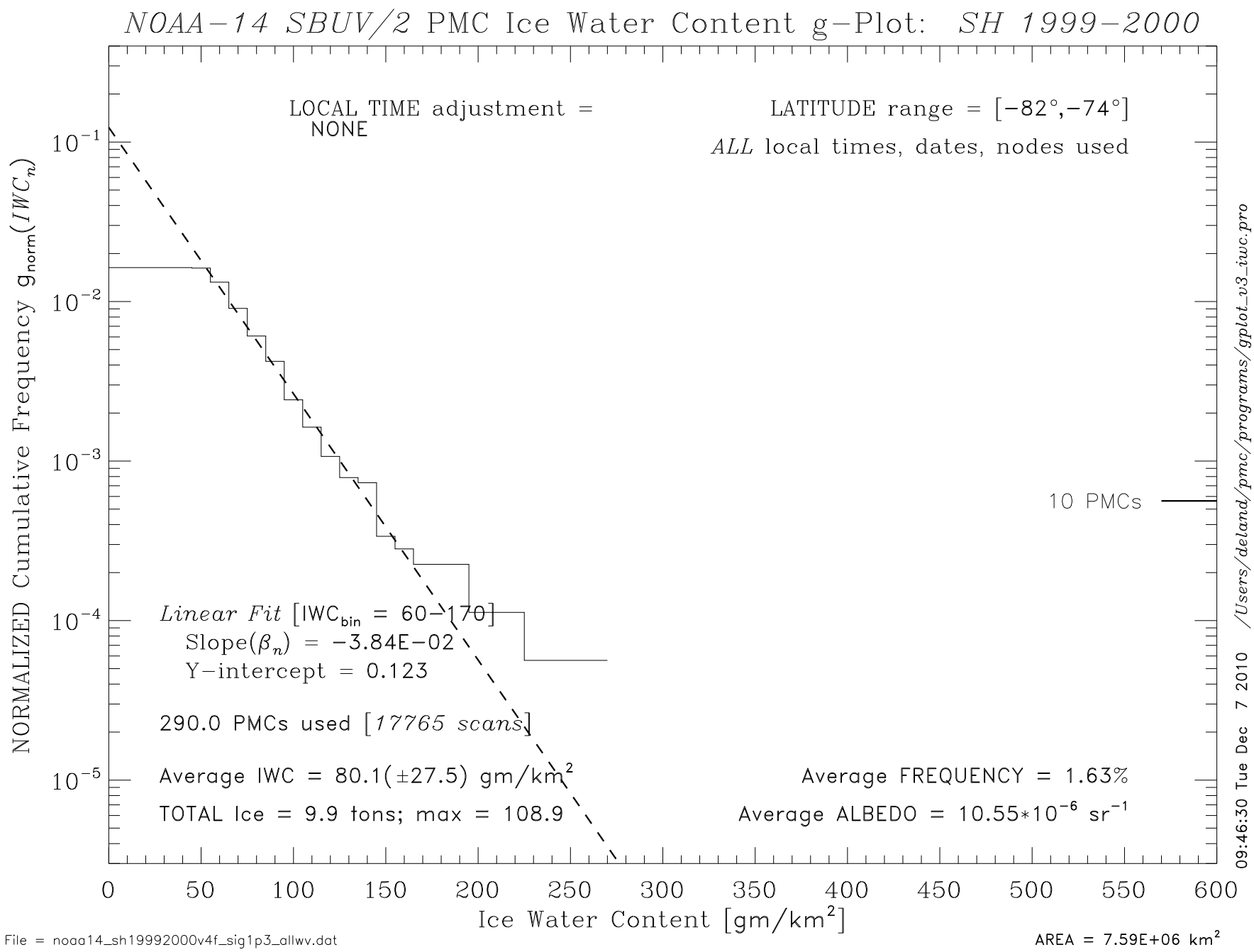

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 2000−2001
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−360]
Slope(β_n) = −1.93E−02
Y−intercept = 0.253
1652.0 PMCs used [18147 scans]
Average IWC = 108.9(±48.1) gm/km²
TOTAL Ice = 75.2 tons; max = 316.9
Average FREQUENCY = 9.10%
Average ALBEDO = 12.48*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:45:34 Tue Dec 7 2010
File = noaa11_sh20002001fn_sig1p3_allwv.dat
AREA = 7.59E+06 km²

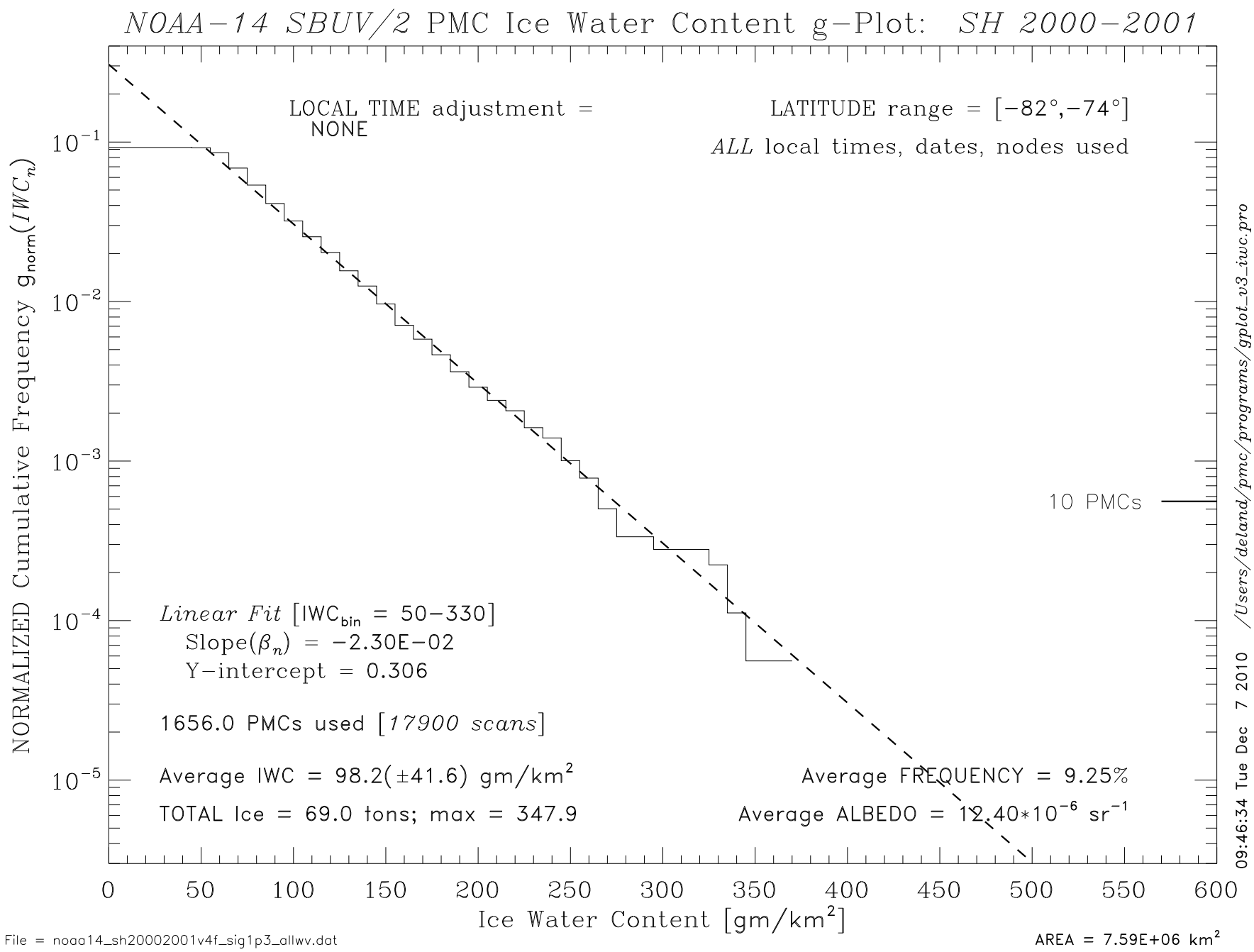

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1995−1996
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−360]
Slope(β_n) = −1.95E−02
Y−intercept = 0.165
1056.0 PMCs used [14574 scans]
Average IWC = 103.2(±46.1) gm/km²
TOTAL Ice = 56.7 tons; max = 195.0
Average FREQUENCY = 7.25%
Average ALBEDO = 12.15*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:46:17 Tue Dec 7 2010
File = noaa14_sh19951996v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

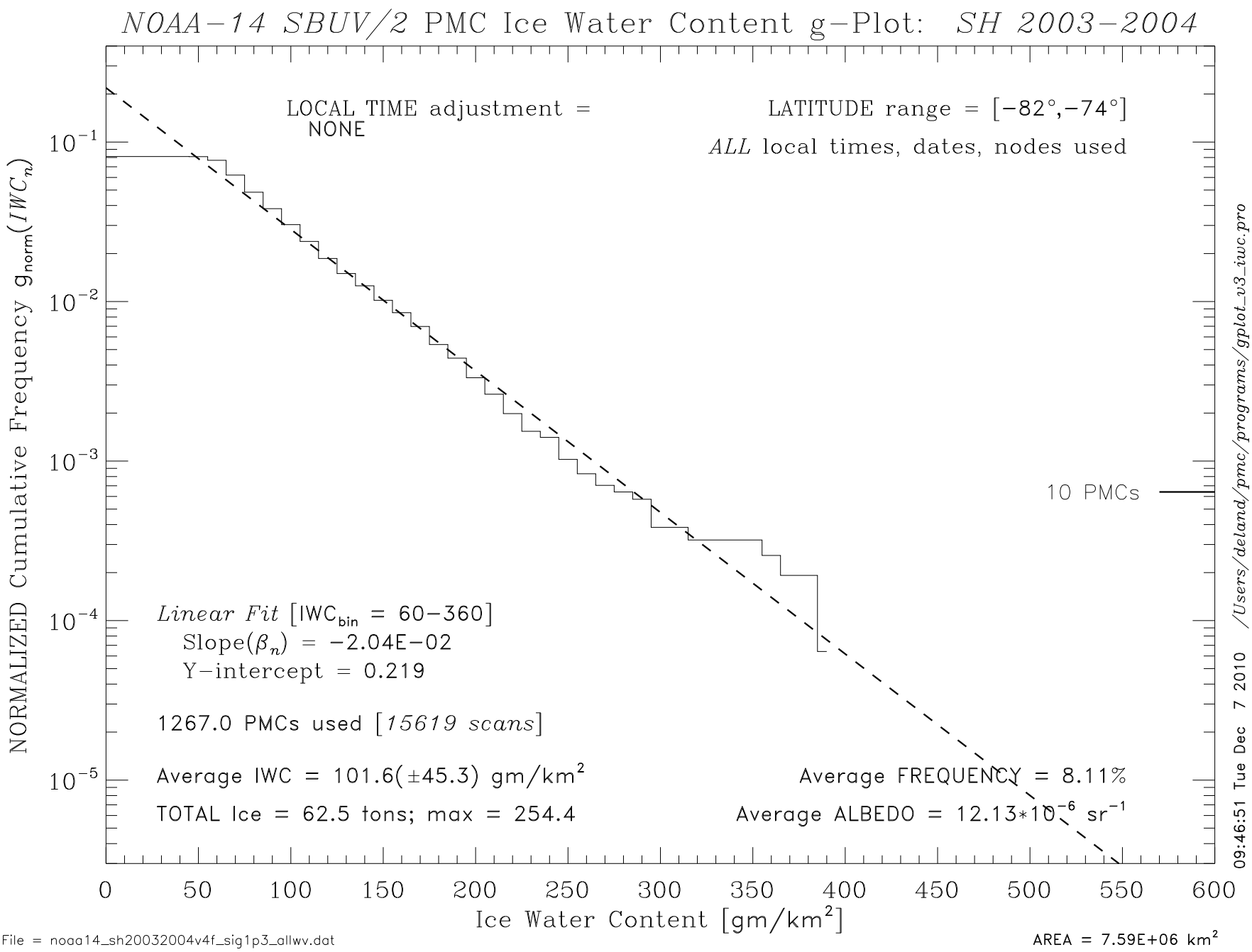

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1996−1997
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−420]
Slope(β_n) = −1.68E−02
Y−intercept = 0.362
2059.0 PMCs used [16950 scans]
Average IWC = 124.6(±62.7) gm/km²
TOTAL Ice = 114.9 tons; max = 537.0
Average FREQUENCY = 12.15%
Average ALBEDO = 14.24*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:46:20 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_sh19961997v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

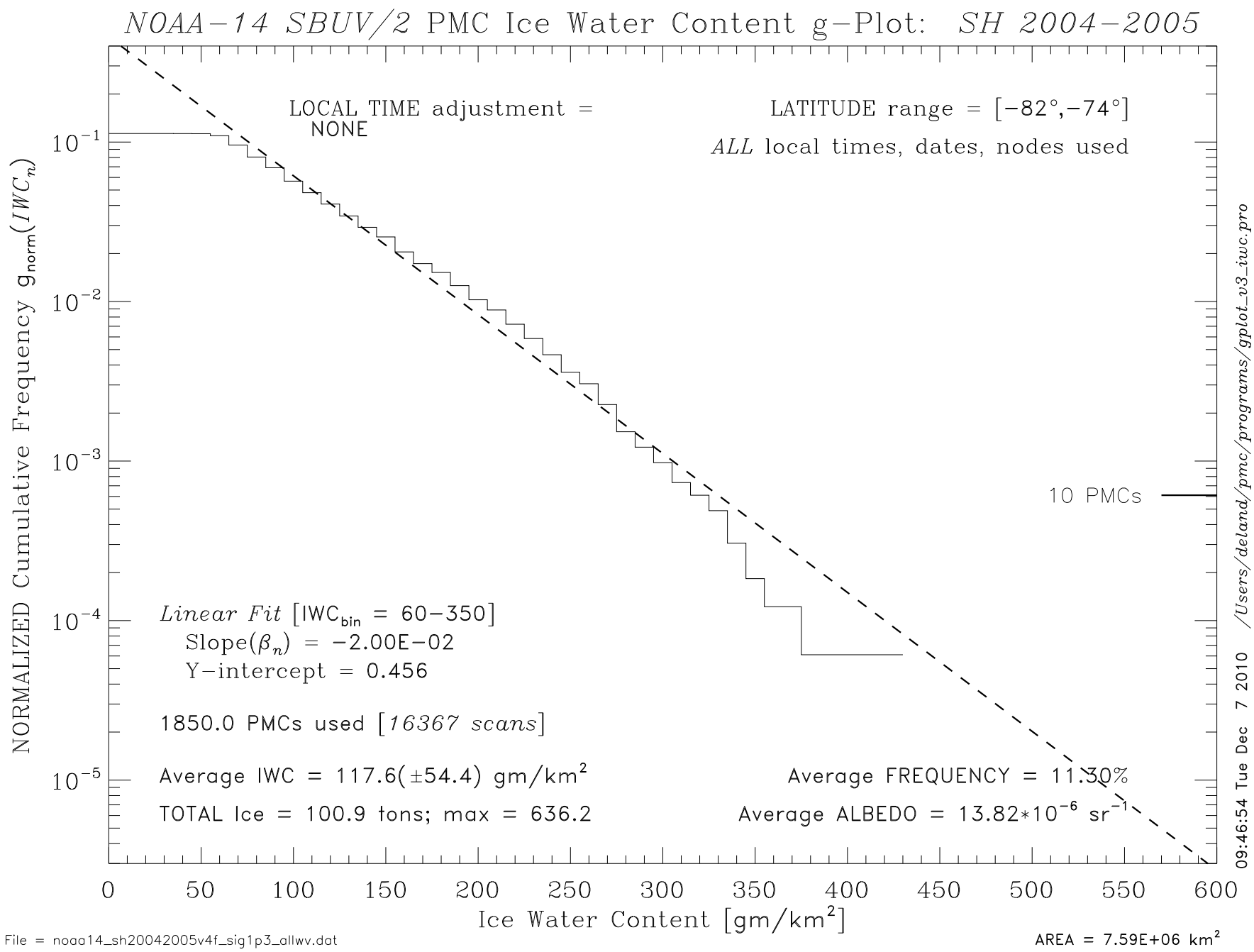

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1997−1998
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−360]
Slope(β_n) = −1.95E−02
Y−intercept = 0.216
1488.0 PMCs used [18439 scans]
Average IWC = 106.2(±47.9) gm/km²
TOTAL Ice = 65.0 tons; max = 263.5
Average FREQUENCY = 8.07%
Average ALBEDO = 12.40*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:46:23 Tue Dec 7 2010
File = noaa14_sh19971998v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

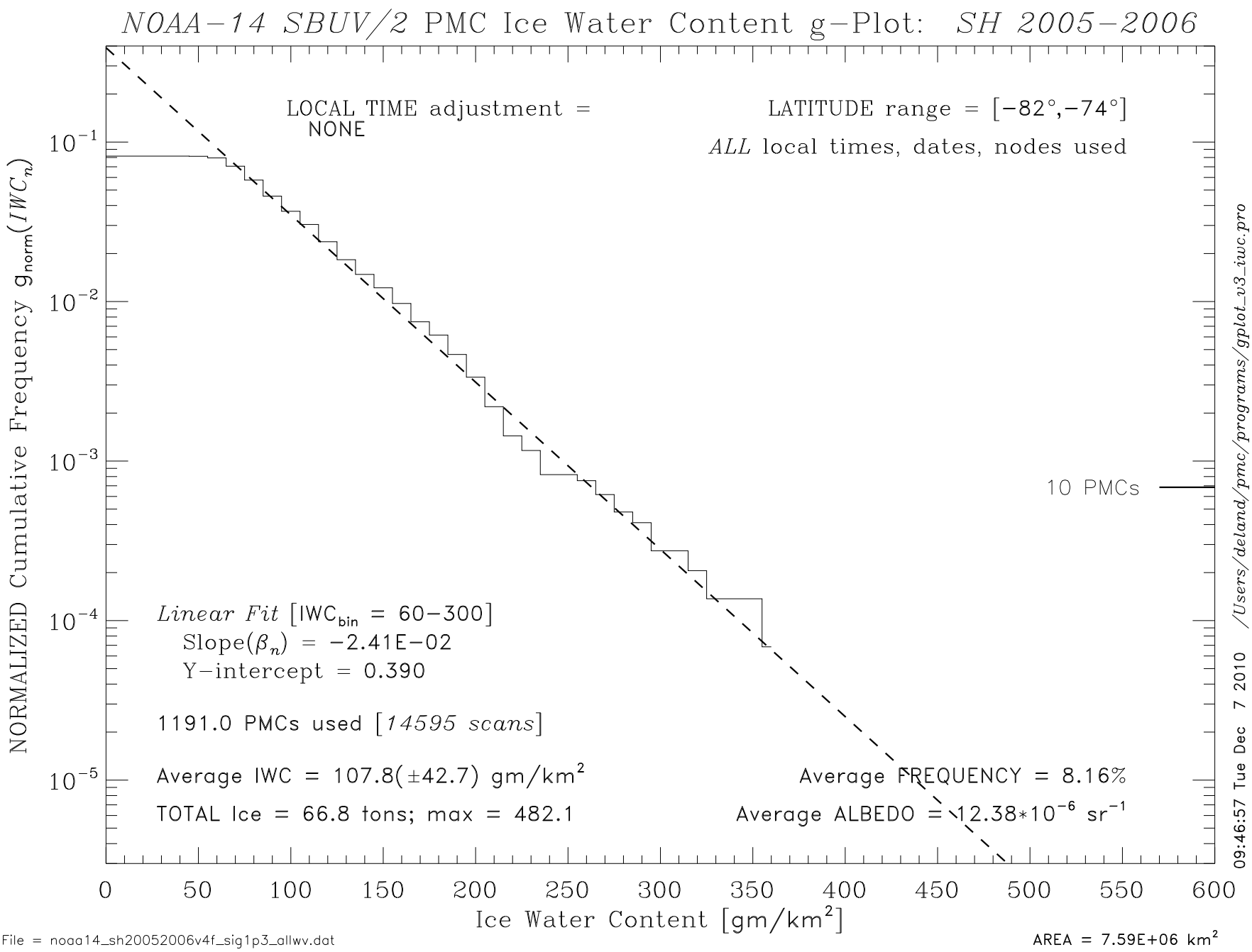

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1998−1999
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−290]
Slope(β_n) = −1.86E−02
Y−intercept = 0.030
327.0 PMCs used [17945 scans]
Average IWC = 90.3(±45.4) gm/km²
TOTAL Ice = 12.5 tons; max = 30.3
Average FREQUENCY = 1.82%
Average ALBEDO = 11.29*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵
0
50
100
150
200
250
300
350
400
450
500
550
600
09:46:27 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_sh19981999v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

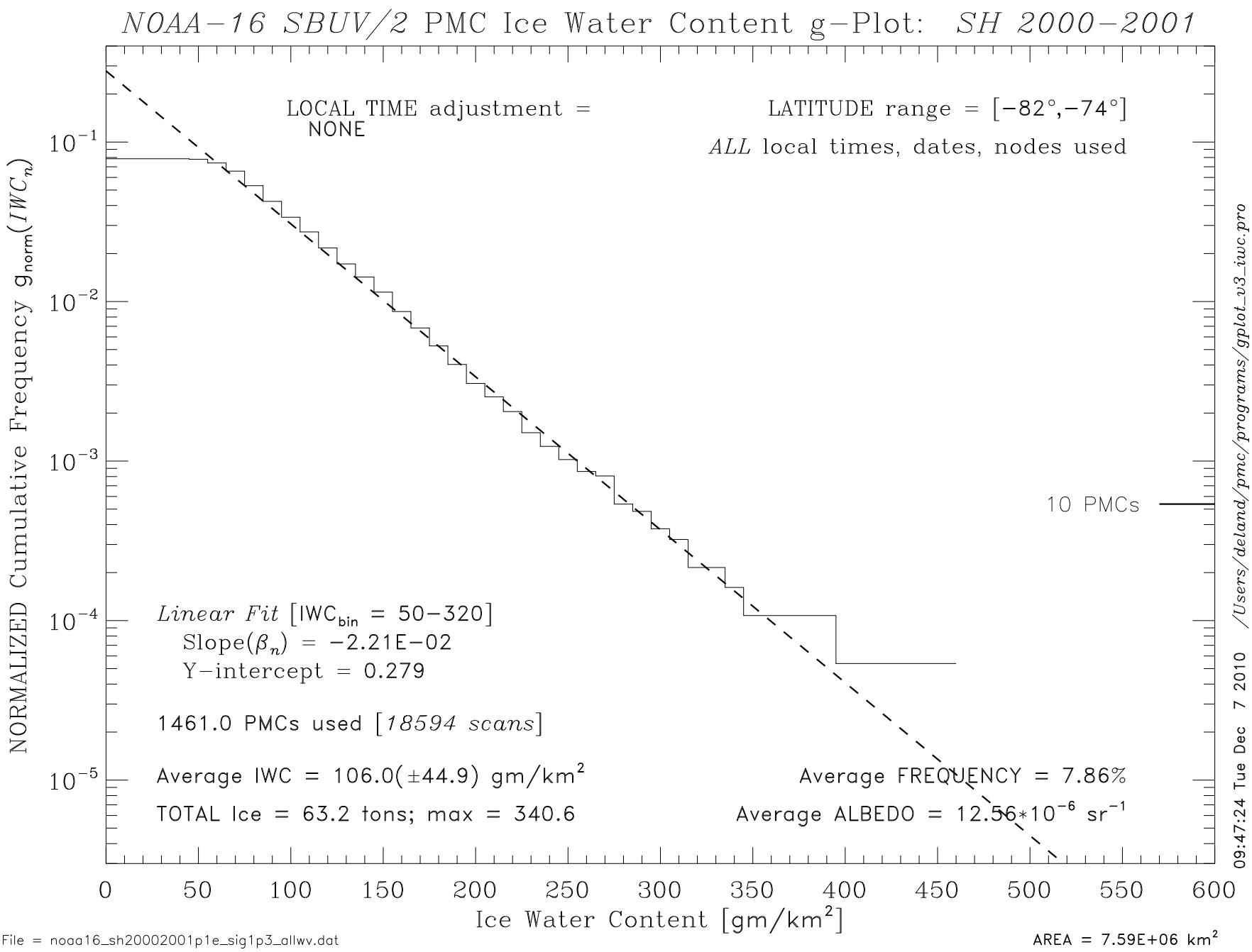

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1999−2000
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−170]
Slope(β_n) = −3.84E−02
Y−intercept = 0.123
290.0 PMCs used [17765 scans]
Average IWC = 80.1(±27.5) gm/km²
TOTAL Ice = 9.9 tons; max = 108.9
Average FREQUENCY = 1.63%
Average ALBEDO = 10.55*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:46:30 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_sh19992000v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

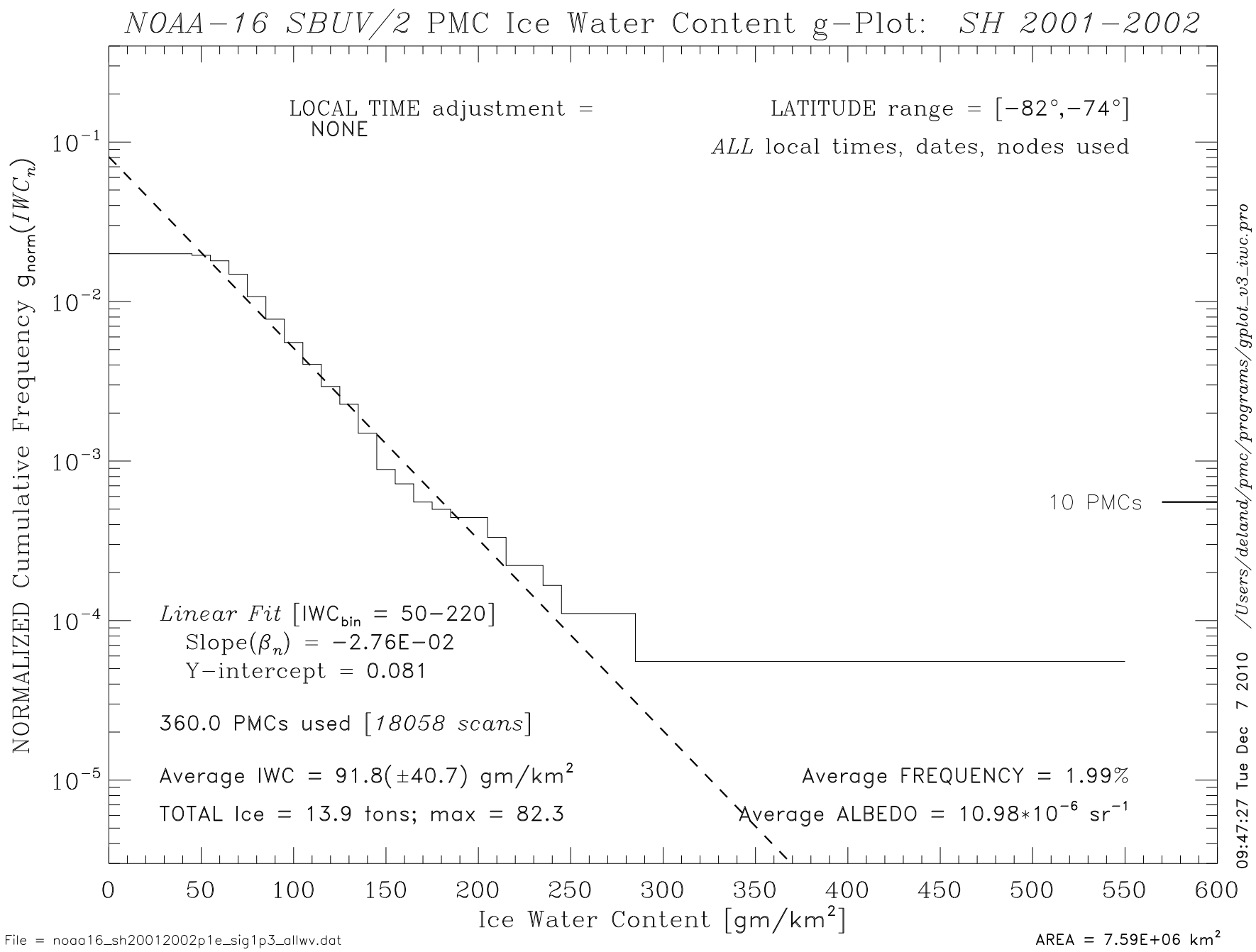

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 2000−2001
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−330]
Slope(β_n) = −2.30E−02
Y−intercept = 0.306
1656.0 PMCs used [17900 scans]
Average IWC = 98.2(±41.6) gm/km²
TOTAL Ice = 69.0 tons; max = 347.9
Average FREQUENCY = 9.25%
Average ALBEDO = 12.40*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:46:34 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_sh20002001v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

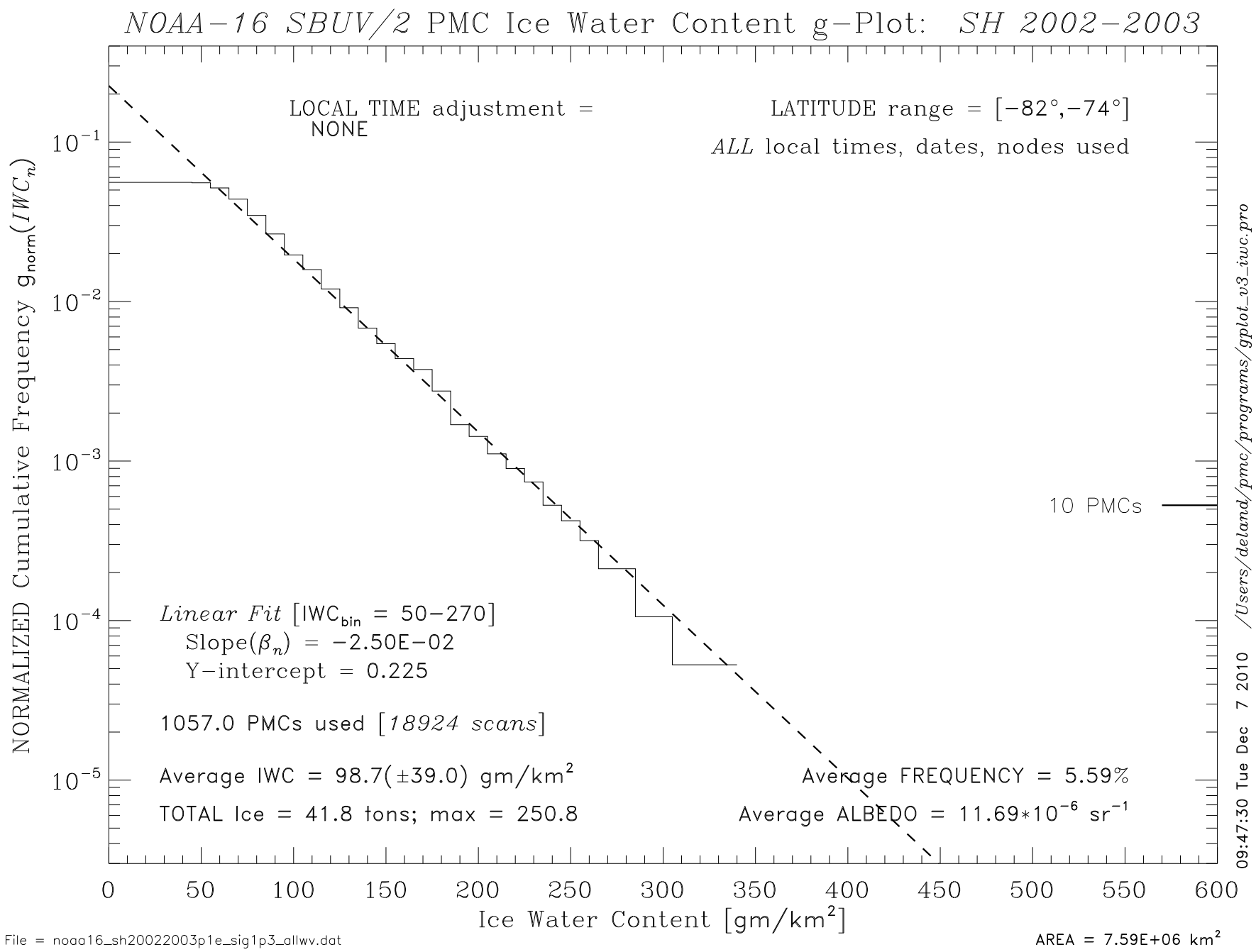

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 2003−2004
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−360]
Slope(β_n) = −2.04E−02
Y−intercept = 0.219
1267.0 PMCs used [15619 scans]
Average IWC = 101.6(±45.3) gm/km²
TOTAL Ice = 62.5 tons; max = 254.4
Average FREQUENCY = 8.11%
Average ALBEDO = 12.13*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
0 50 100 150 200 250 300 350 400 450 500 550 600
10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵
09:46:51 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_sh20032004v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

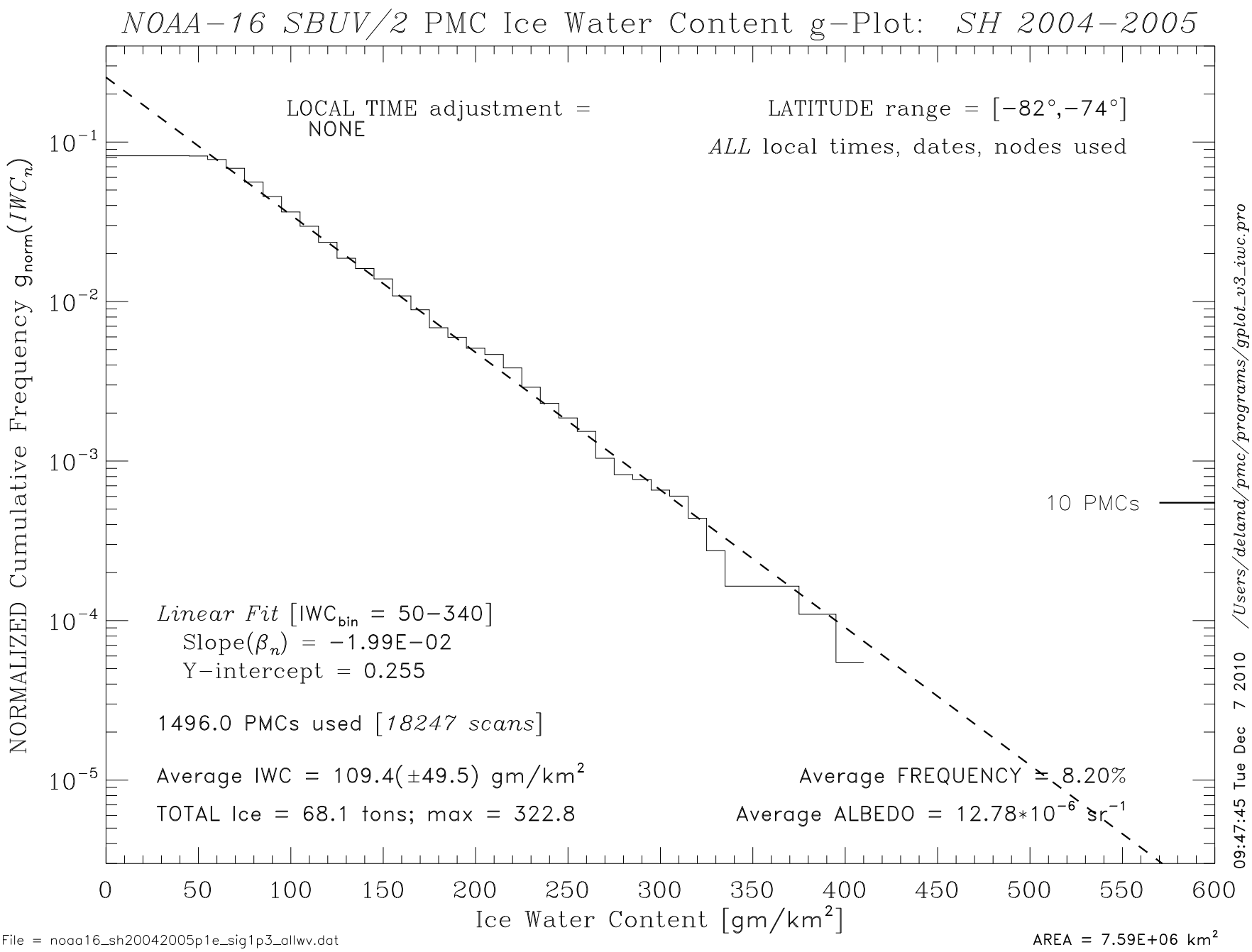

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 2004−2005
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−350]
Slope(β_n) = −2.00E−02
Y−intercept = 0.456
1850.0 PMCs used [16367 scans]
Average IWC = 117.6(±54.4) gm/km²
TOTAL Ice = 100.9 tons; max = 636.2
Average FREQUENCY = 11.30%
Average ALBEDO = 13.82*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:46:54 Tue Dec 7 2010
File = noaa14_sh20042005v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

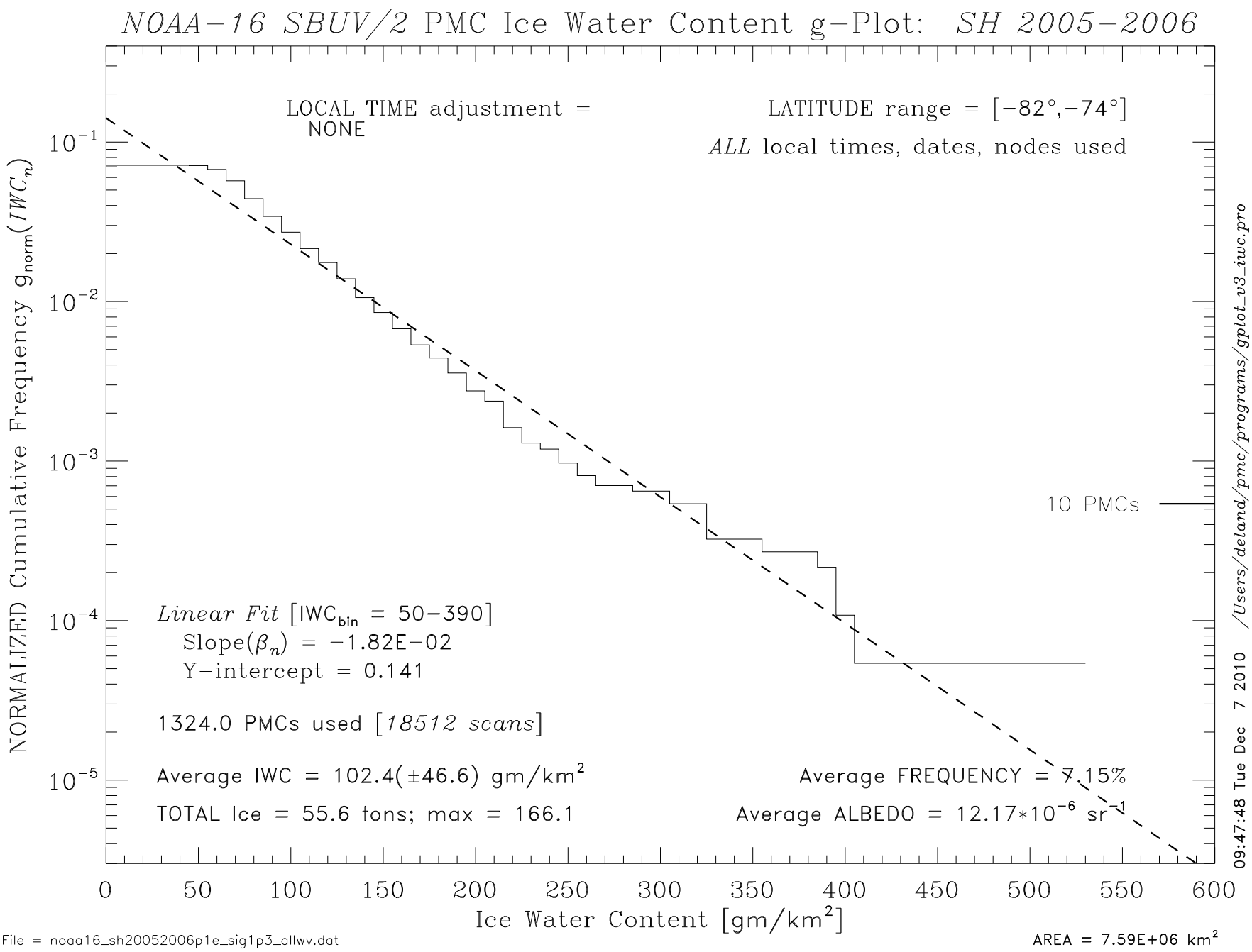

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 2005−2006
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−300]
Slope(β_n) = −2.41E−02
Y−intercept = 0.390
1191.0 PMCs used [14595 scans]
Average IWC = 107.8(±42.7) gm/km²
TOTAL Ice = 66.8 tons; max = 482.1
Average FREQUENCY = 8.16%
Average ALBEDO = 12.38*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:46:57 Tue Dec 7 2010
File = noaa14_sh20052006v4f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

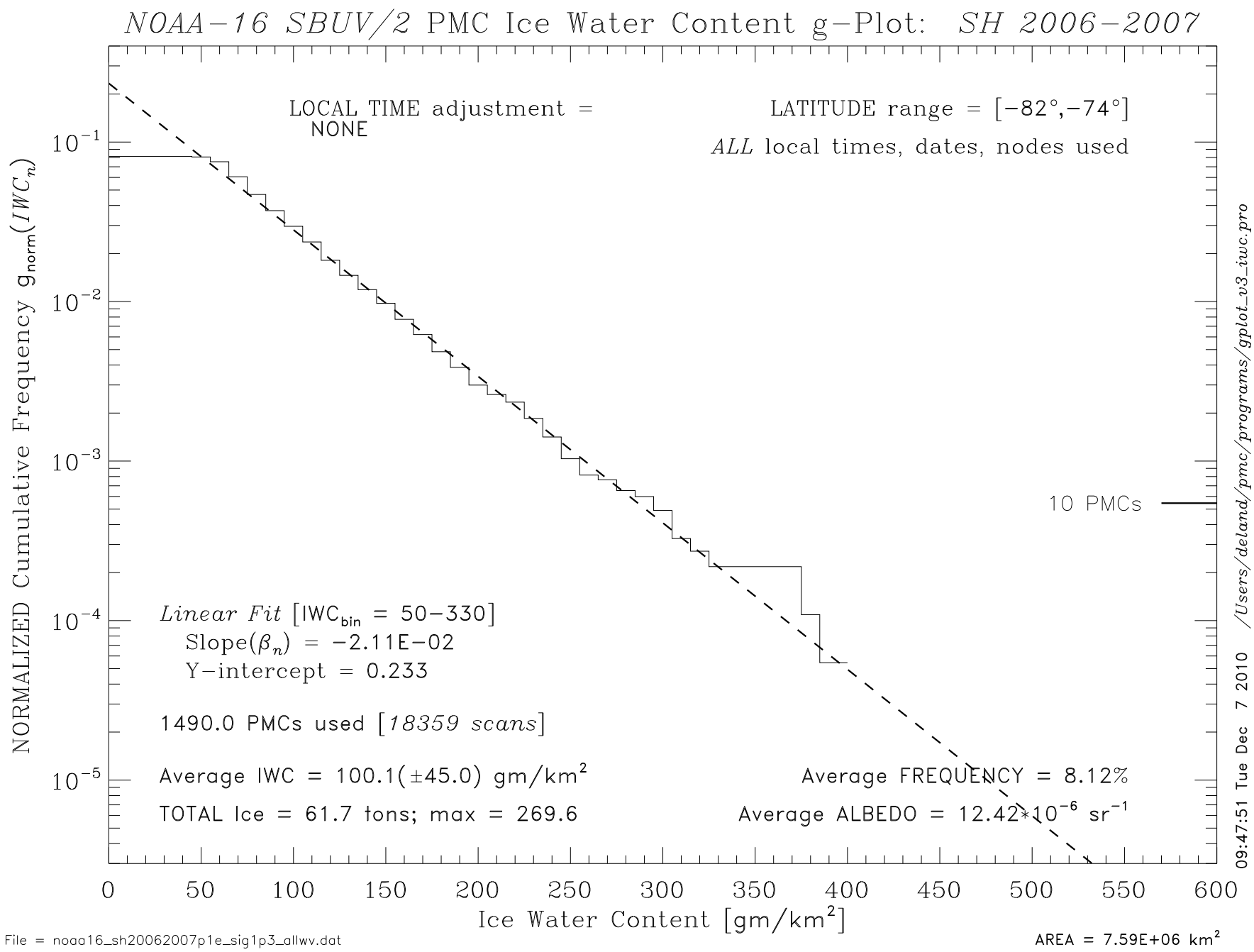

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2000−2001
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−320]
Slope(β_n) = −2.21E−02
Y−intercept = 0.279
1461.0 PMCs used [18594 scans]
Average IWC = 106.0(±44.9) gm/km²
TOTAL Ice = 63.2 tons; max = 340.6
Average FREQUENCY = 7.86%
Average ALBEDO = 12.56*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:47:24 Tue Dec 7 2010
File = noaa16_sh20002001p1e_sig1p3_allwv.dat
AREA = 7.59E+06 km²

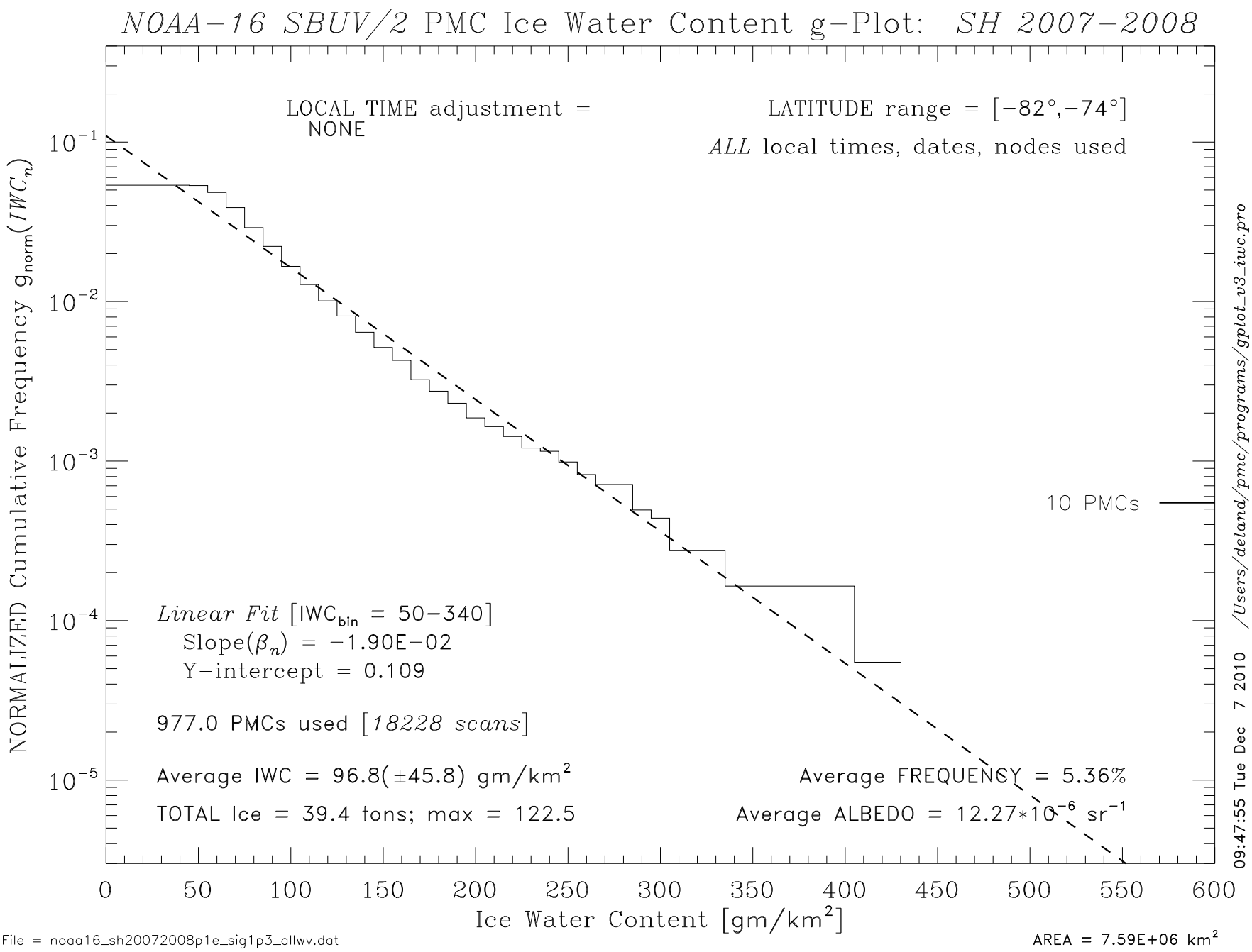

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2001−2002
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−220]
Slope(β_n) = −2.76E−02
Y−intercept = 0.081
360.0 PMCs used [18058 scans]
Average IWC = 91.8(±40.7) gm/km²
TOTAL Ice = 13.9 tons; max = 82.3
Average FREQUENCY = 1.99%
Average ALBEDO = 10.98*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:47:27 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_sh20012002p1e_sig1p3_allwv.dat
AREA = 7.59E+06 km²

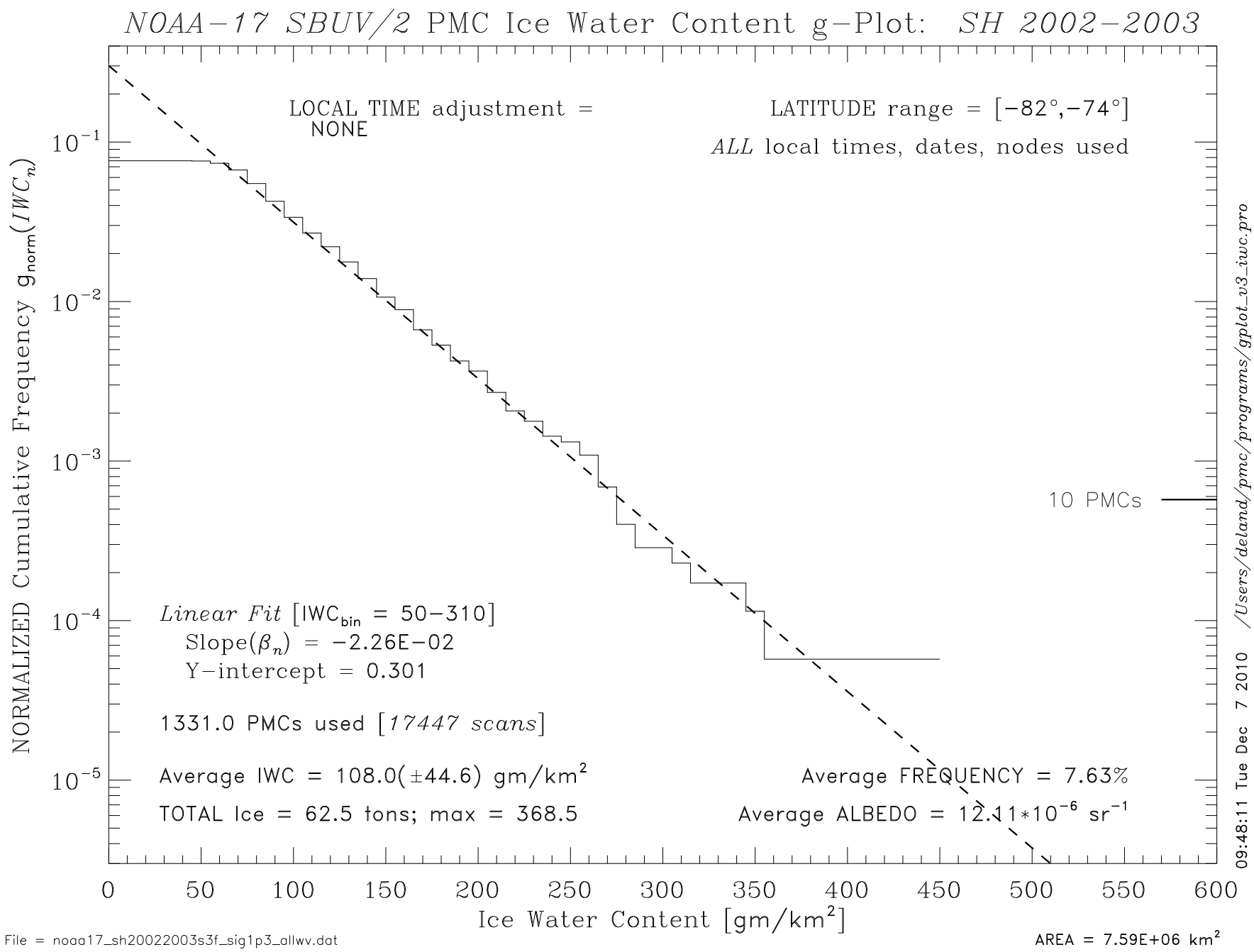

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2002−2003
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−270]
Slope(β_n) = −2.50E−02
Y−intercept = 0.225
1057.0 PMCs used [18924 scans]
Average IWC = 98.7(±39.0) gm/km²
TOTAL Ice = 41.8 tons; max = 250.8
Average FREQUENCY = 5.59%
Average ALBEDO = 11.69*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:47:30 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_sh20022003p1e_sig1p3_allwv.dat
AREA = 7.59E+06 km²

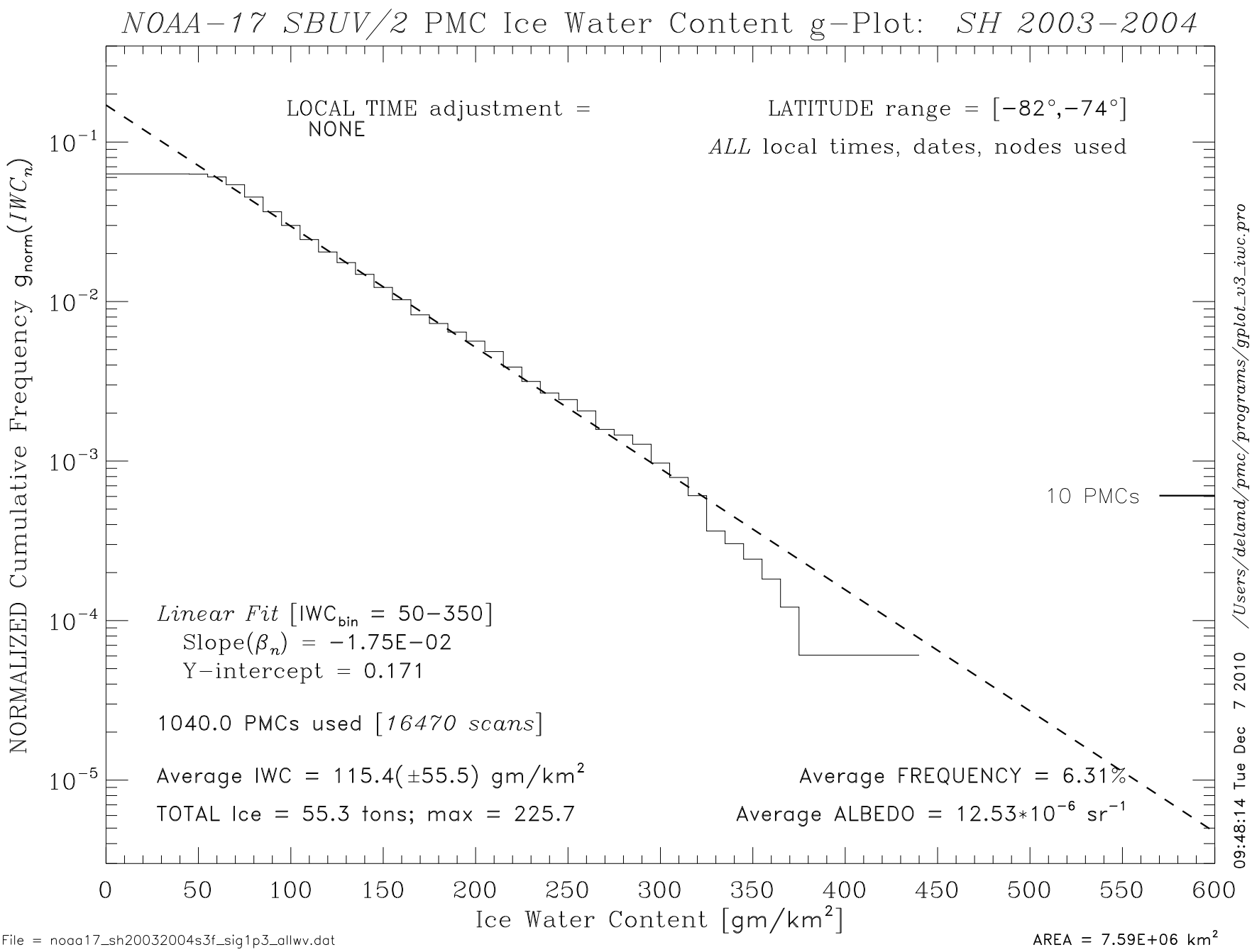

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2004−2005
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−340]
Slope(β_n) = −1.99E−02
Y−intercept = 0.255
1496.0 PMCs used [18247 scans]
Average IWC = 109.4(±49.5) gm/km²
TOTAL Ice = 68.1 tons; max = 322.8
Average FREQUENCY = 8.20%
Average ALBEDO = 12.78*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:47:45 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_sh20042005p1e_sig1p3_allwv.dat
AREA = 7.59E+06 km²

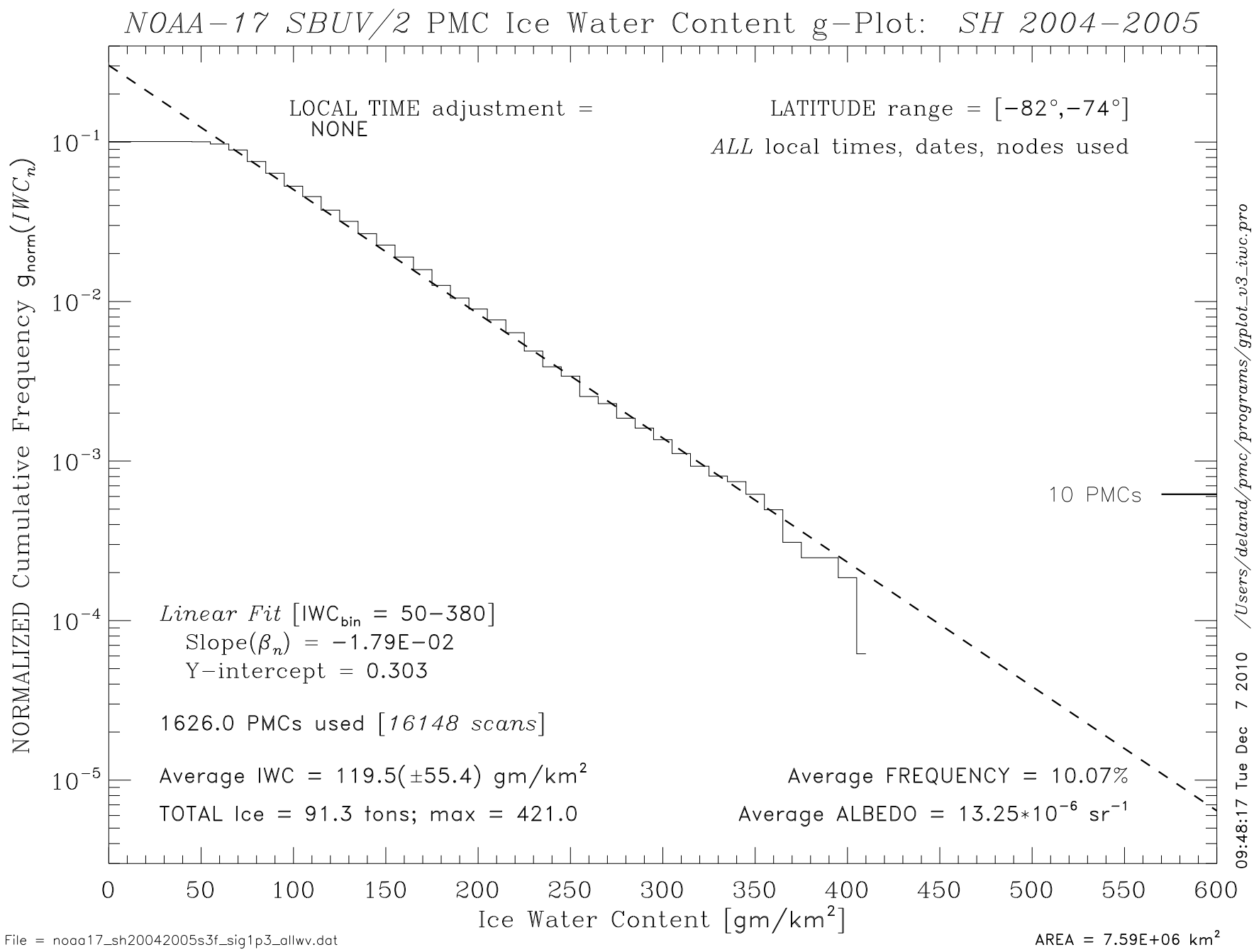

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2005−2006
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−390]
Slope(β_n) = −1.82E−02
Y−intercept = 0.141
1324.0 PMCs used [18512 scans]
Average IWC = 102.4(±46.6) gm/km²
TOTAL Ice = 55.6 tons; max = 166.1
Average FREQUENCY = 7.15%
Average ALBEDO = 12.17*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:47:48 Tue Dec 7 2010
File = noaa16_sh20052006p1e_sig1p3_allwv.dat
AREA = 7.59E+06 km²

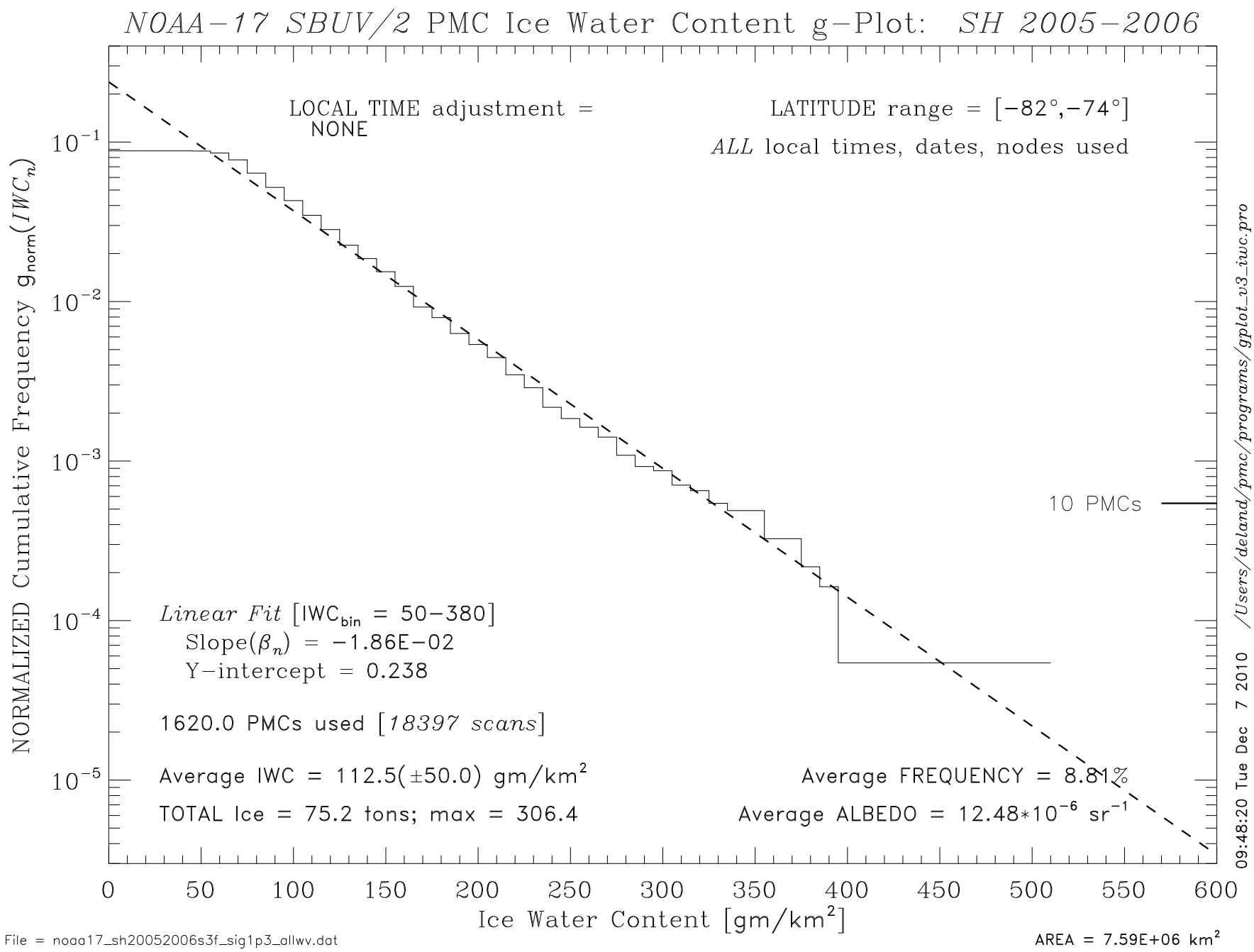

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2006−2007
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−330]
Slope(β_n) = −2.11E−02
Y−intercept = 0.233
1490.0 PMCs used [18359 scans]
Average IWC = 100.1(±45.0) gm/km²
TOTAL Ice = 61.7 tons; max = 269.6
Average FREQUENCY = 8.12%
Average ALBEDO = 12.42*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:47:51 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_sh20062007p1e_sig1p3_allwv.dat
AREA = 7.59E+06 km²

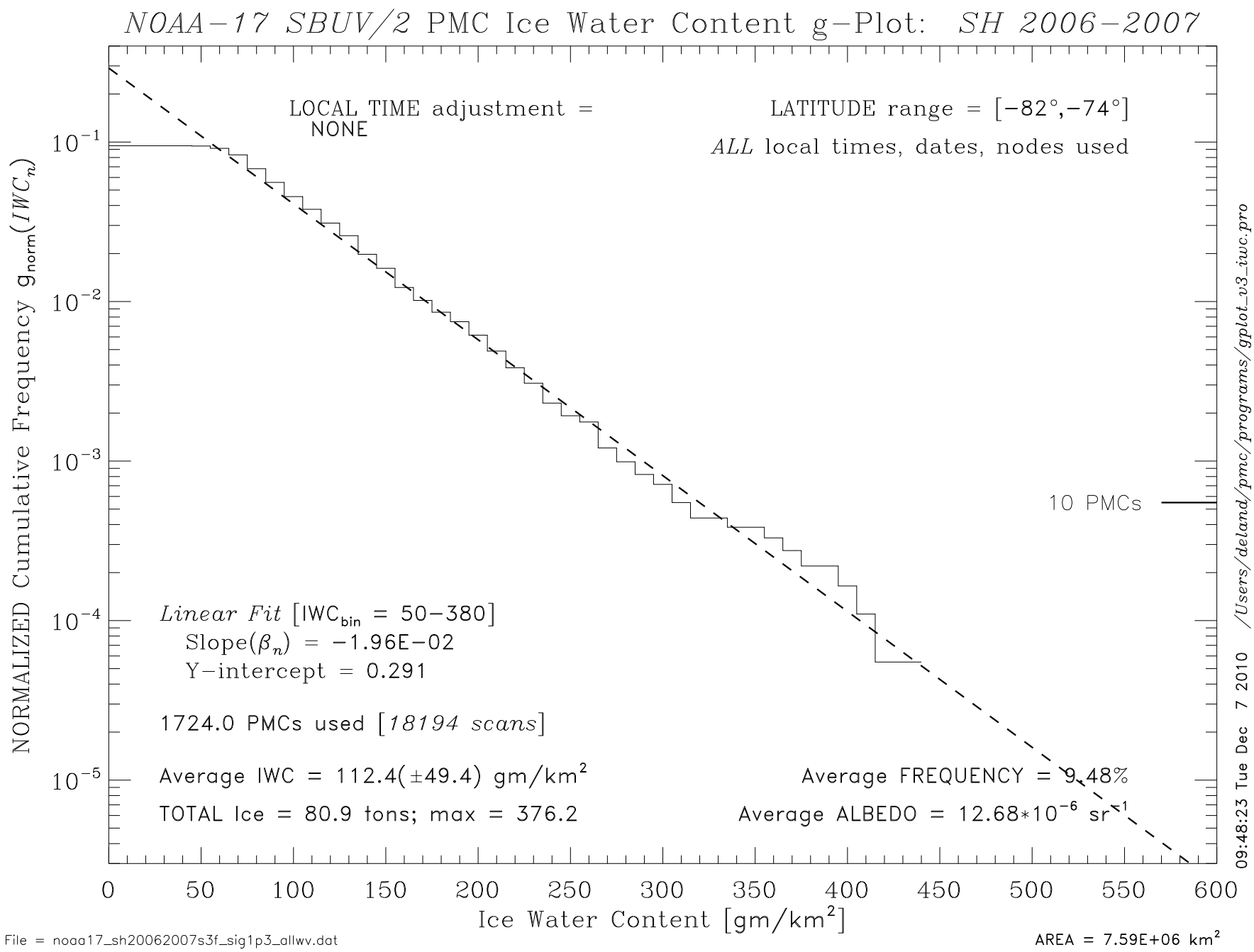

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2007−2008
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−340]
Slope(β_n) = −1.90E−02
Y−intercept = 0.109
977.0 PMCs used [18228 scans]
Average IWC = 96.8(±45.8) gm/km²
TOTAL Ice = 39.4 tons; max = 122.5
Average FREQUENCY = 5.36%
Average ALBEDO = 12.27*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:47:55 Tue Dec 7 2010
File = noaa16_sh20072008p1e_sig1p3_allwv.dat
AREA = 7.59E+06 km²

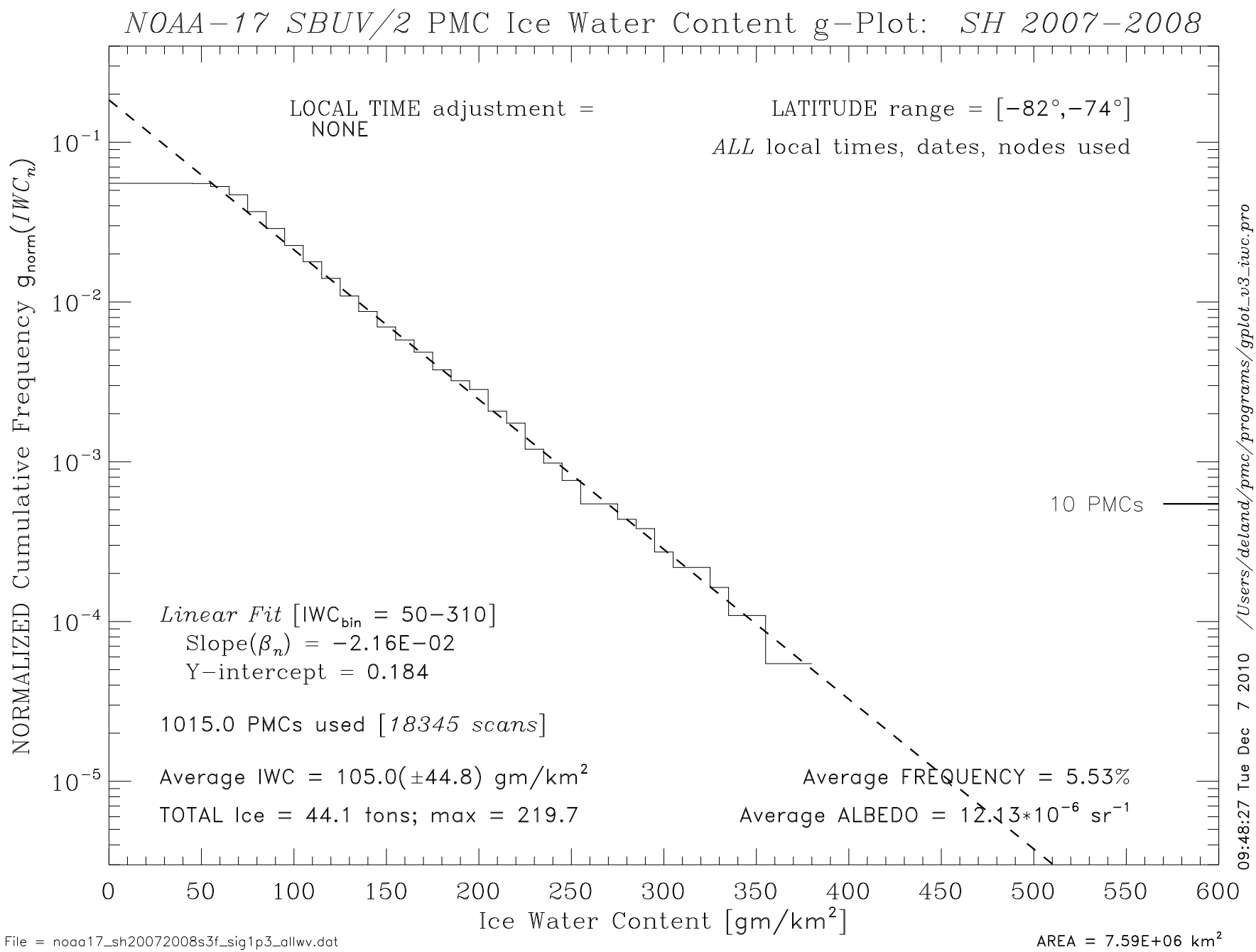

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2002−2003
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−310]
Slope(β_n) = −2.26E−02
Y−intercept = 0.301
1331.0 PMCs used [17447 scans]
Average IWC = 108.0(±44.6) gm/km²
TOTAL Ice = 62.5 tons; max = 368.5
Average FREQUENCY = 7.63%
Average ALBEDO = 12.11*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:48:11 Tue Dec 7 2010
File = noaa17_sh20022003s3f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

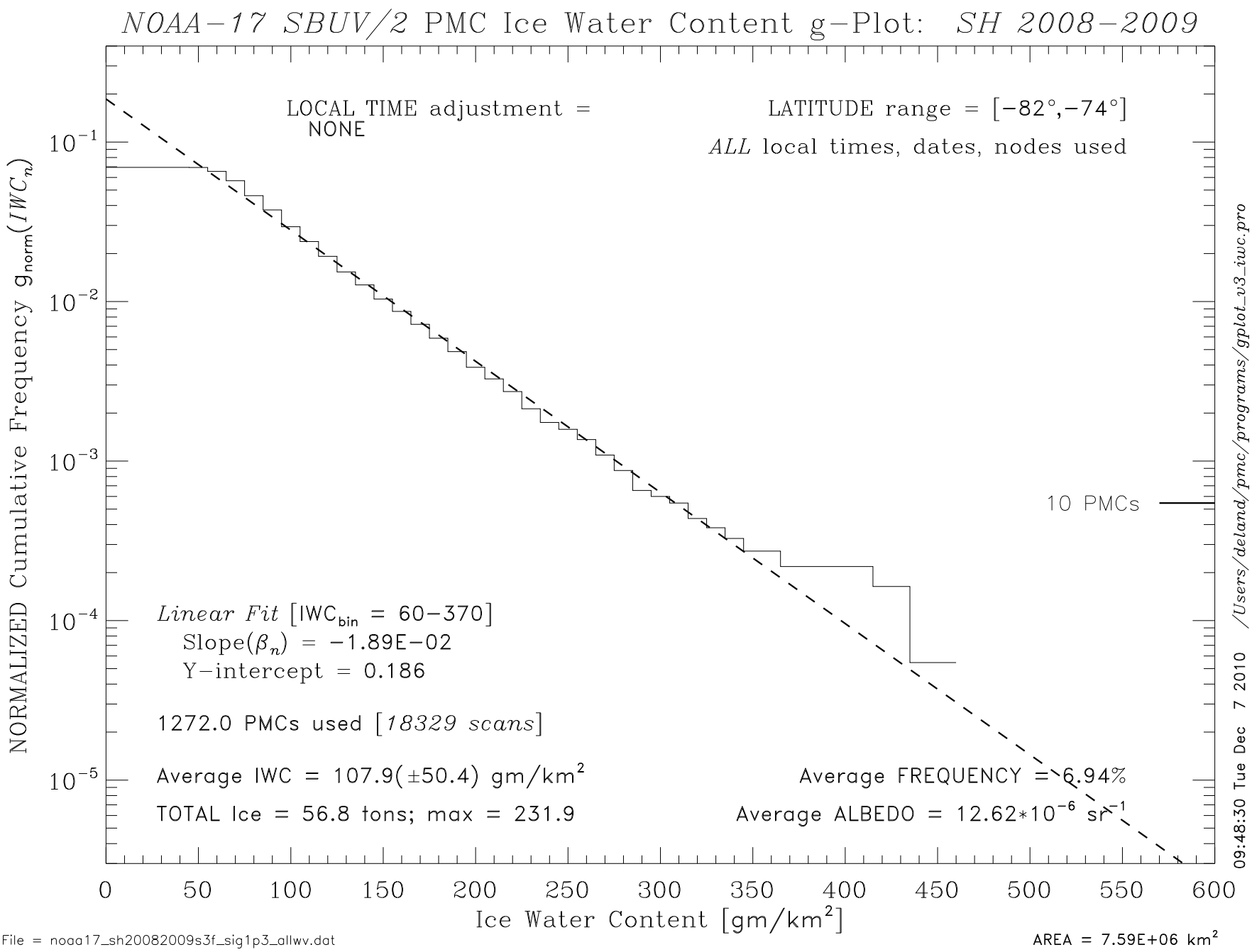

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2003−2004
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−350]
Slope(β_n) = −1.75E−02
Y−intercept = 0.171
1040.0 PMCs used [16470 scans]
Average IWC = 115.4(±55.5) gm/km²
TOTAL Ice = 55.3 tons; max = 225.7
Average FREQUENCY = 6.31%
Average ALBEDO = 12.53*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:48:14 Tue Dec 7 2010
File = noaa17_sh20032004s3f_sig1p3_allwv.dat
AREA = 7.59E+06 km²


NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2004−2005
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−380]
Slope(β_n) = −1.79E−02
Y−intercept = 0.303
1626.0 PMCs used [16148 scans]
Average IWC = 119.5(±55.4) gm/km²
TOTAL Ice = 91.3 tons; max = 421.0
Average FREQUENCY = 10.07%
Average ALBEDO = 13.25*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:48:17 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_sh20042005s3f_sig1p3_allwv.dat
AREA = 7.59E+06 km²


NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2005−2006
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−380]
Slope(β_n) = −1.86E−02
Y−intercept = 0.238
1620.0 PMCs used [18397 scans]
Average IWC = 112.5(±50.0) gm/km²
TOTAL Ice = 75.2 tons; max = 306.4
Average FREQUENCY = 8.81%
Average ALBEDO = 12.48*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:48:20 Tue Dec 7 2010
File = noaa17_sh20052006s3f_sig1p3_allwv.dat
AREA = 7.59E+06 km²

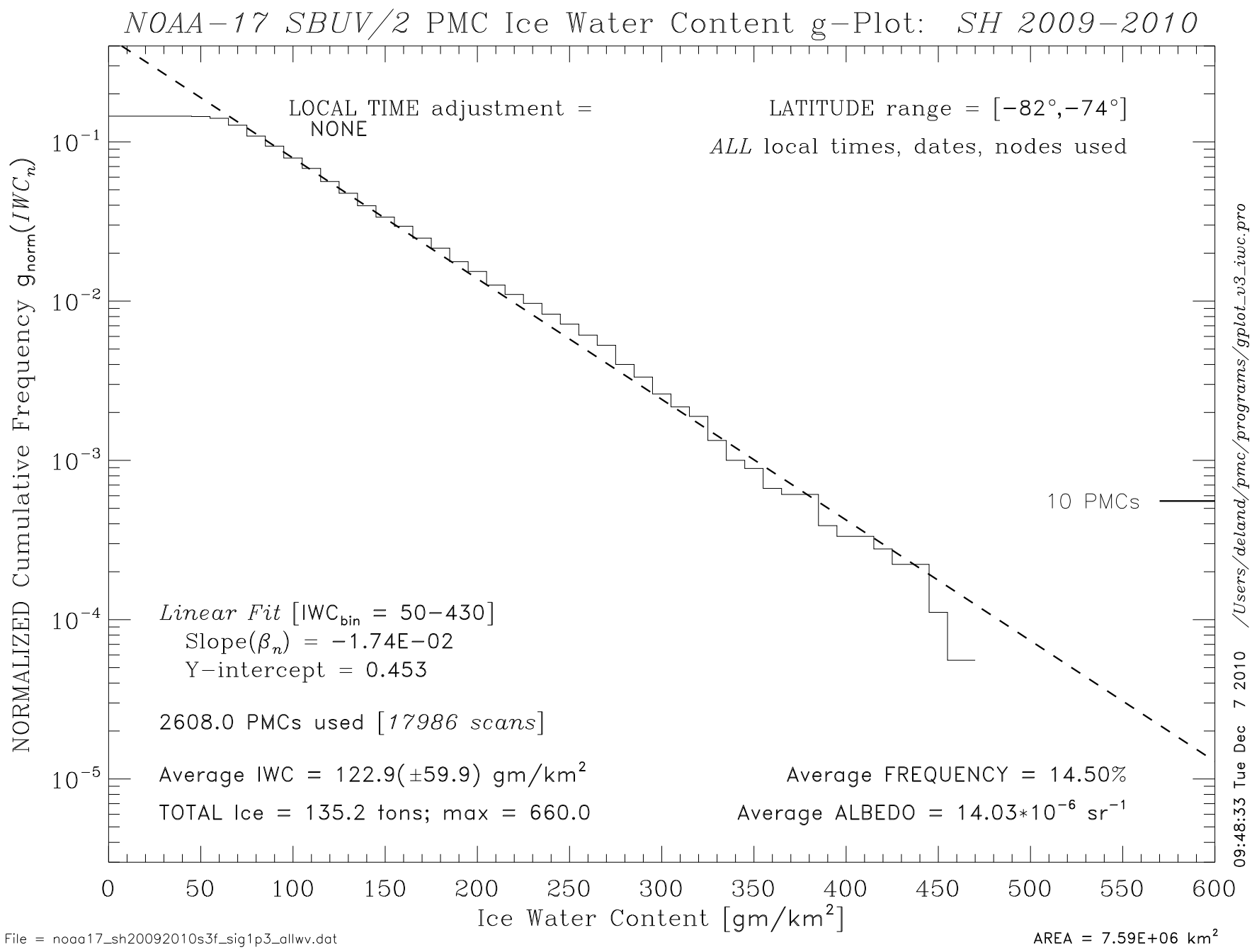

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2006−2007
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−380]
Slope(β_n) = −1.96E−02
Y−intercept = 0.291
1724.0 PMCs used [18194 scans]
Average IWC = 112.4(±49.4) gm/km²
TOTAL Ice = 80.9 tons; max = 376.2
Average FREQUENCY = 9.48%
Average ALBEDO = 12.68*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:48:23 Tue Dec 7 2010
File = noaa17_sh20062007s3f_sig1p3_allwv.dat
AREA = 7.59E+06 km²


NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2007−2008
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−310]
Slope(β_n) = −2.16E−02
Y−intercept = 0.184
1015.0 PMCs used [18345 scans]
Average IWC = 105.0(±44.8) gm/km²
TOTAL Ice = 44.1 tons; max = 219.7
Average FREQUENCY = 5.53%
Average ALBEDO = 12.13*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:48:27 Tue Dec 7 2010
File = noaa17_sh20072008s3f_sig1p3_allwv.dat
AREA = 7.59E+06 km²



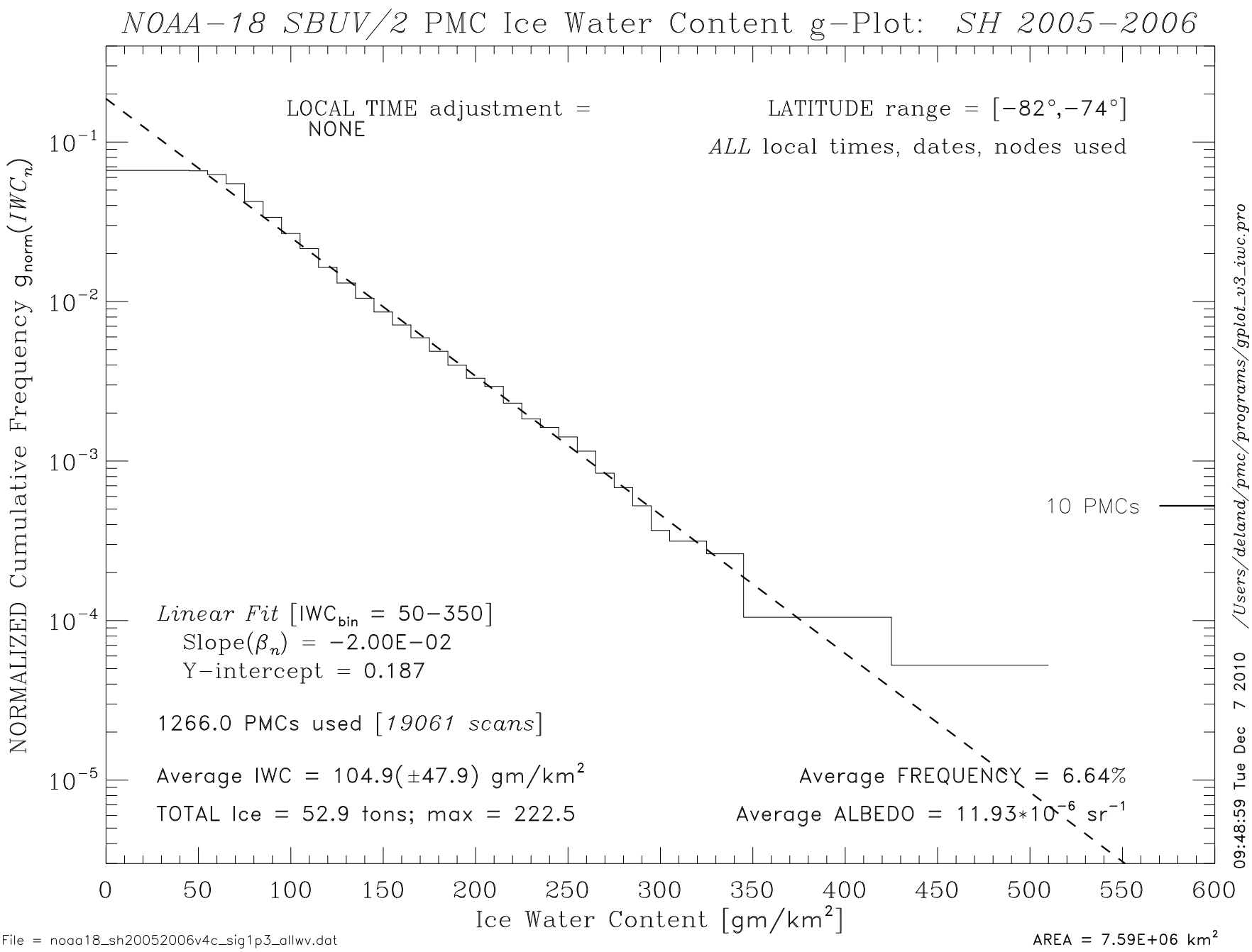
File = noaa17_sh20082009s3f_sig1p3_allwv.dat

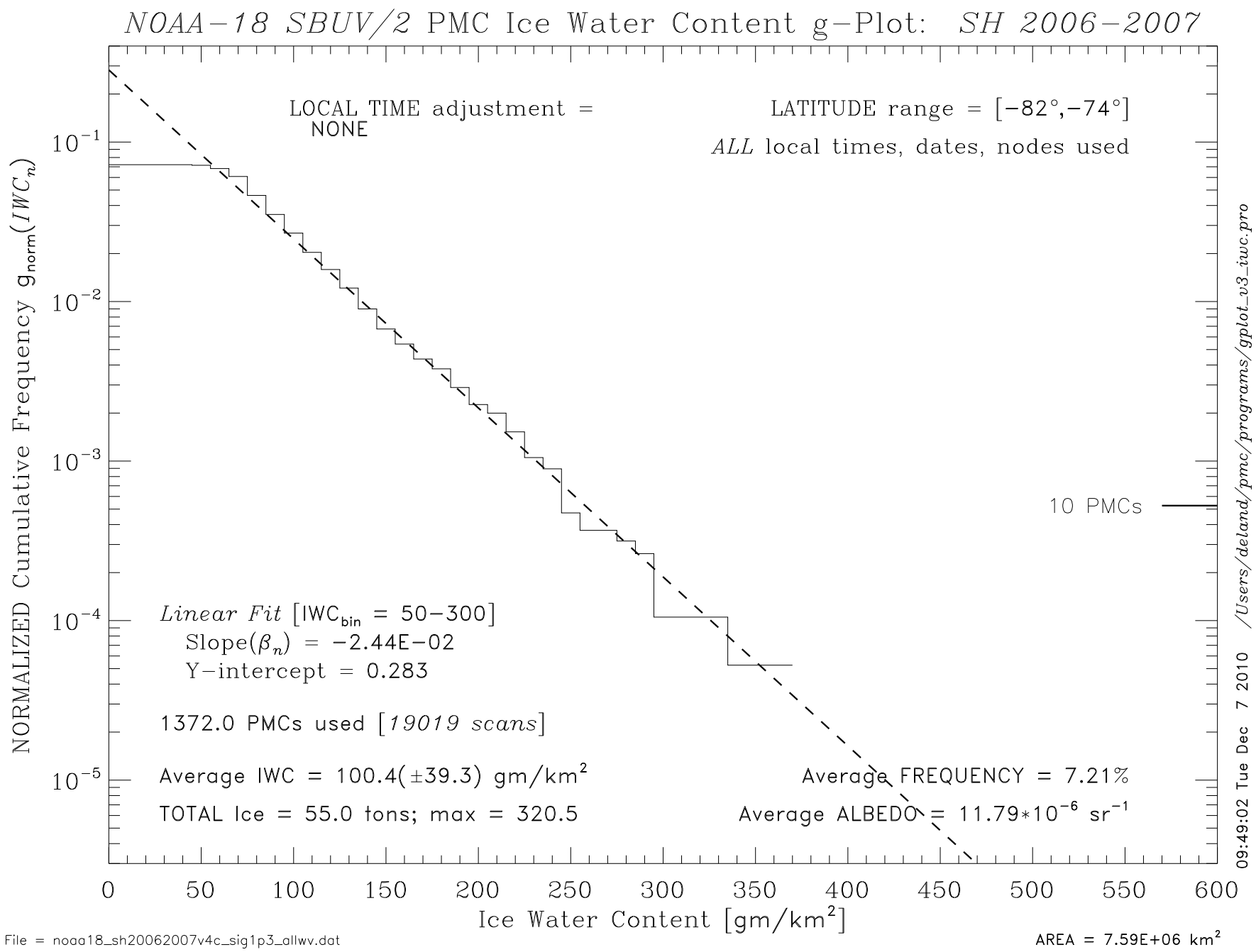
AREA = 7.59E+06 km²

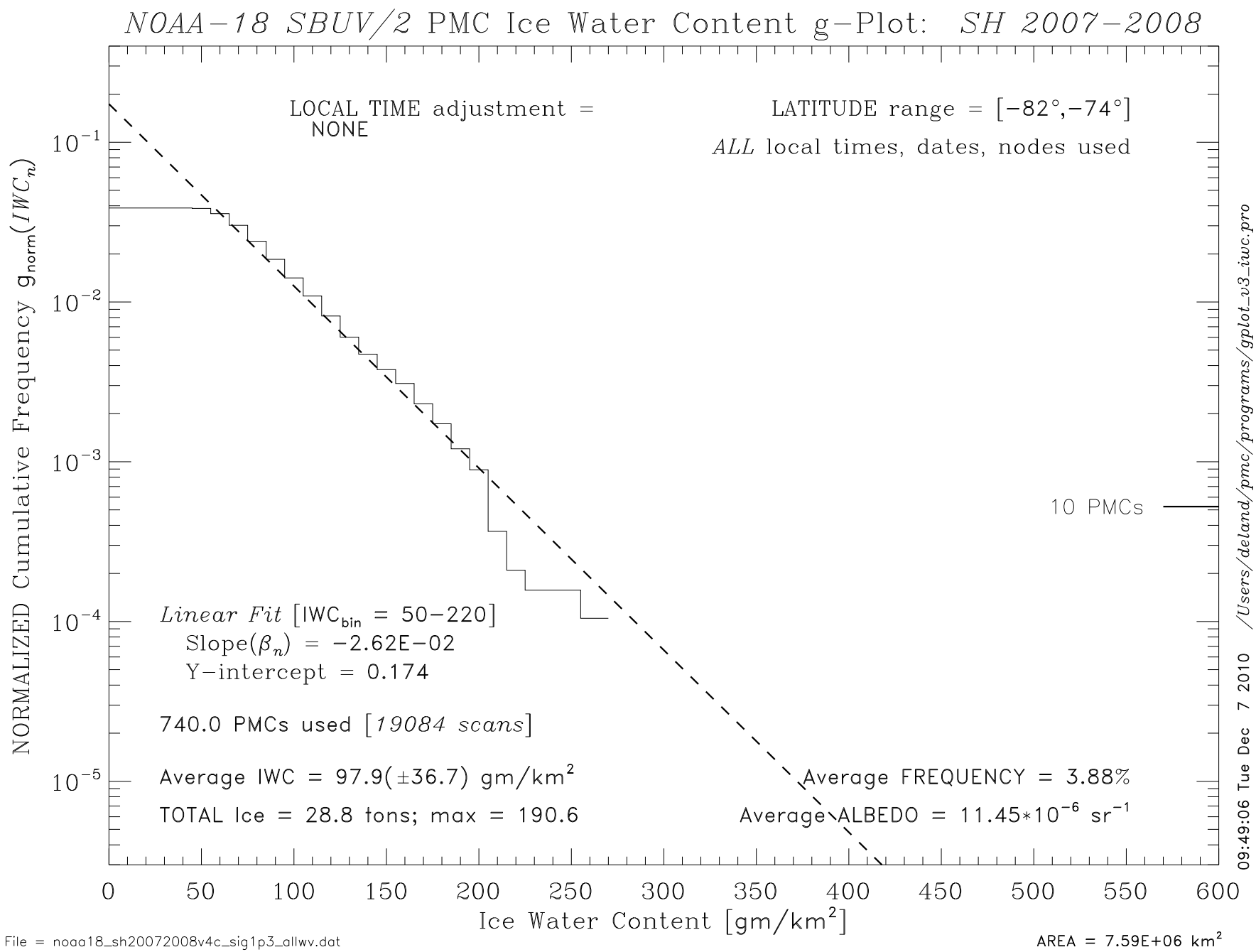


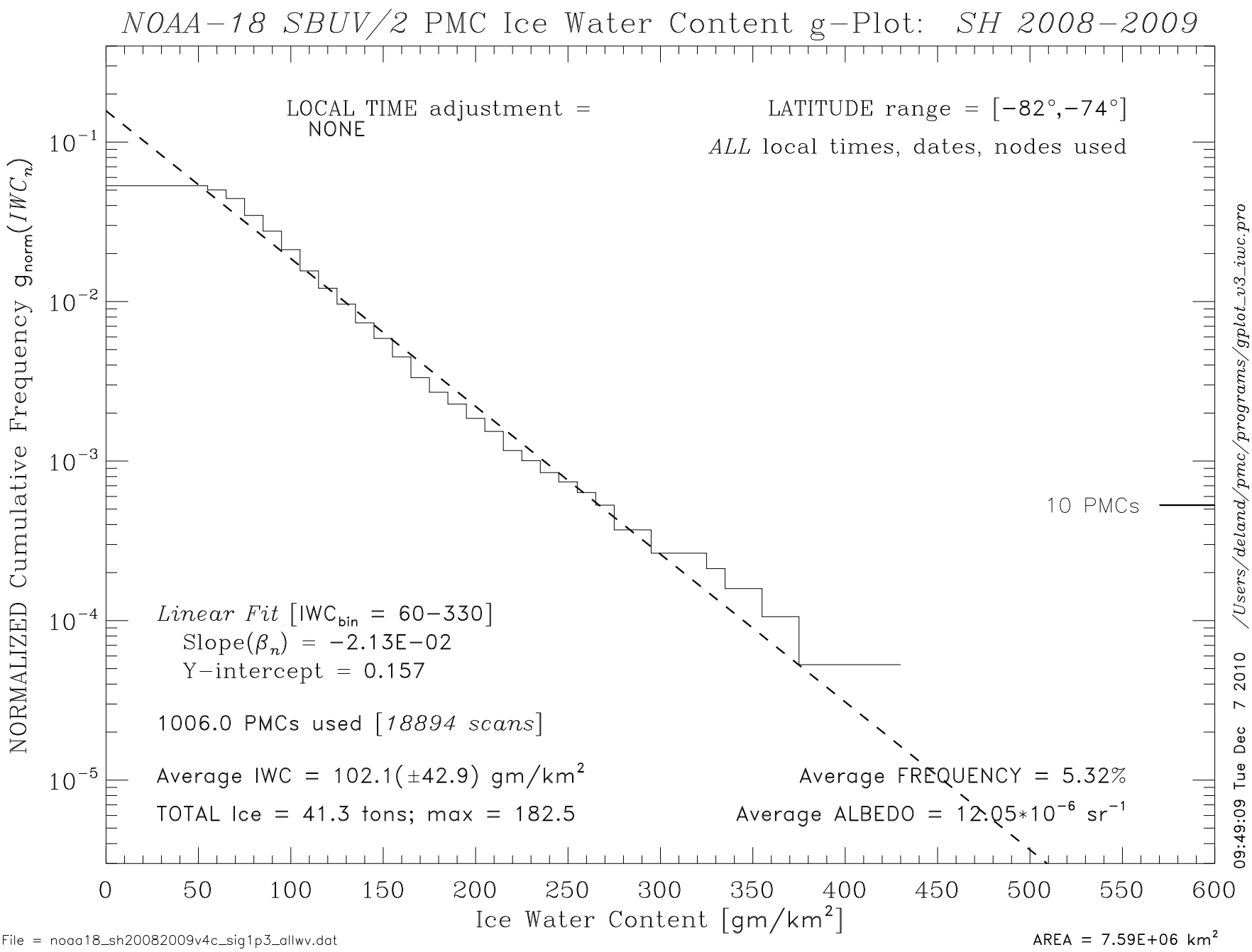
File = noaa17_sh20092010s3f_sig1p3_allwv.dat

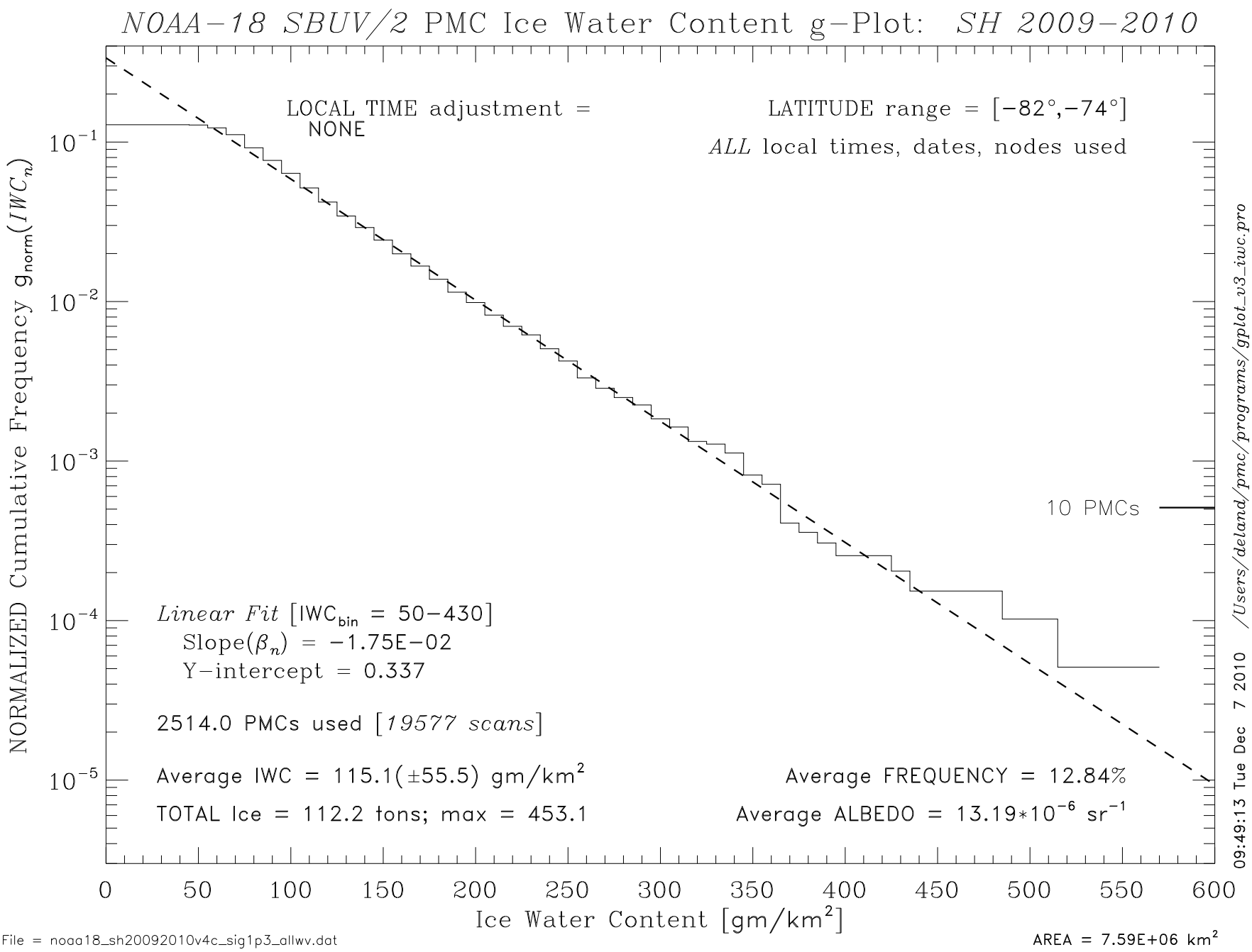
AREA = 7.59E+06 km²

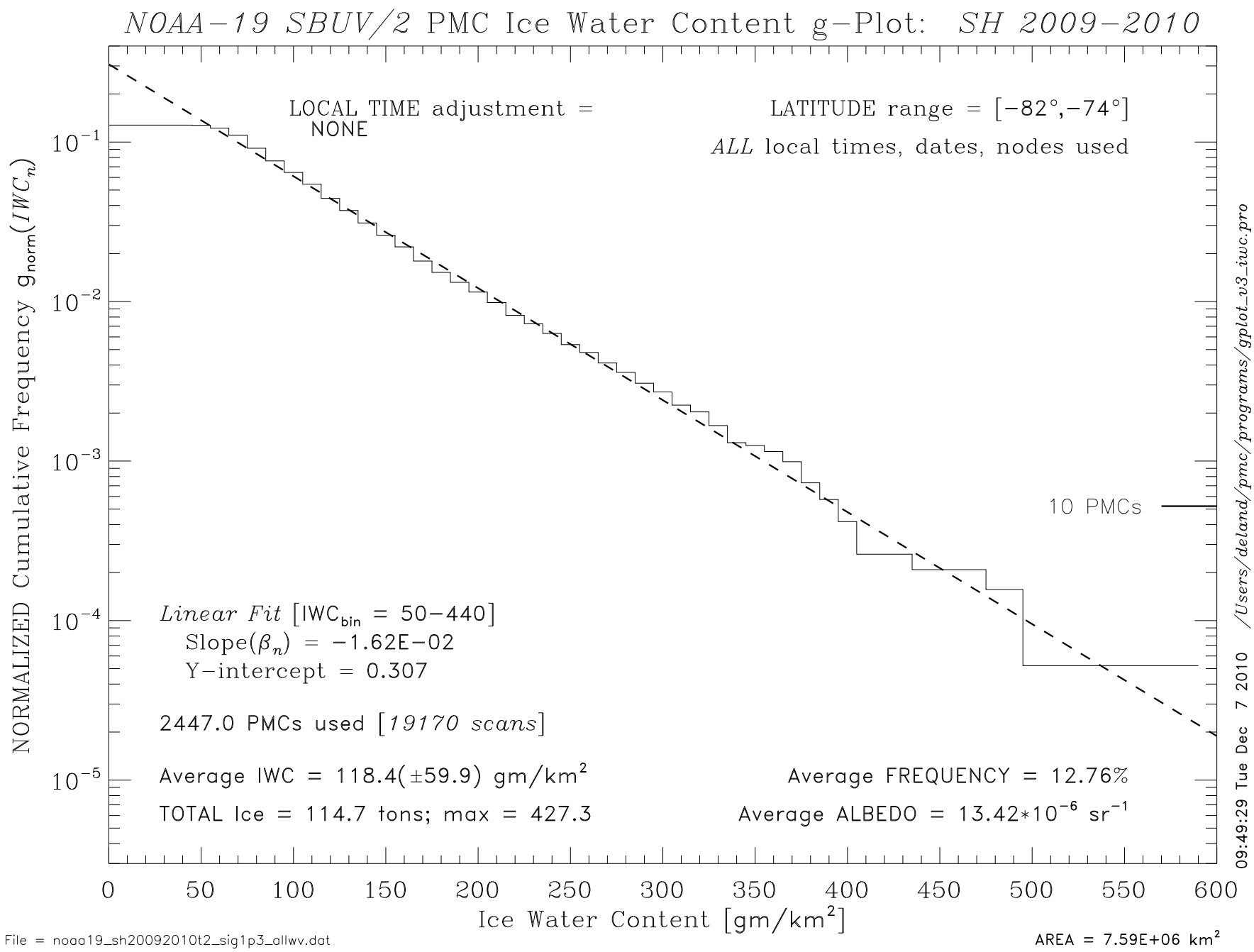

NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2005−2006
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−350]
Slope(β_n) = −2.00E−02
Y−intercept = 0.187
1266.0 PMCs used [19061 scans]
Average IWC = 104.9(±47.9) gm/km²
TOTAL Ice = 52.9 tons; max = 222.5
Average FREQUENCY = 6.64%
Average ALBEDO = 11.93*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:48:59 Tue Dec 7 2010
File = noaa18_sh20052006v4c_sig1p3_allwv.dat
AREA = 7.59E+06 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2006−2007
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−300]
Slope(β_n) = −2.44E−02
Y−intercept = 0.283
1372.0 PMCs used [19019 scans]
Average IWC = 100.4(±39.3) gm/km²
TOTAL Ice = 55.0 tons; max = 320.5
Average FREQUENCY = 7.21%
Average ALBEDO = 11.79*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:49:02 Tue Dec 7 2010
File = noaa18_sh20062007v4c_sig1p3_allwv.dat
AREA = 7.59E+06 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2007−2008
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−220]
Slope(β_n) = −2.62E−02
Y−intercept = 0.174
740.0 PMCs used [19084 scans]
Average IWC = 97.9(±36.7) gm/km²
TOTAL Ice = 28.8 tons; max = 190.6
Average FREQUENCY = 3.88%
Average ALBEDO = 11.45*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:49:06 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa18_sh20072008v4c_sig1p3_allwv.dat
AREA = 7.59E+06 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2008−2009
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60−330]
Slope(β_n) = −2.13E−02
Y−intercept = 0.157
1006.0 PMCs used [18894 scans]
Average IWC = 102.1(±42.9) gm/km²
TOTAL Ice = 41.3 tons; max = 182.5
Average FREQUENCY = 5.32%
Average ALBEDO = 12.05*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:49:09 Tue Dec 7 2010
File = noaa18_sh20082009v4c_sig1p3_allwv.dat
AREA = 7.59E+06 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2009−2010
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−430]
Slope(β_n) = −1.75E−02
Y−intercept = 0.337
2514.0 PMCs used [19577 scans]
Average IWC = 115.1(±55.5) gm/km²
TOTAL Ice = 112.2 tons; max = 453.1
Average FREQUENCY = 12.84%
Average ALBEDO = 13.19*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:49:13 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa18_sh20092010v4c_sig1p3_allwv.dat
AREA = 7.59E+06 km²


NOAA−19 SBUV/2 PMC Ice Water Content g−Plot: SH 2009−2010
LOCAL TIME adjustment = NONE
LATITUDE range = [−82°,−74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−440]
Slope(β_n) = −1.62E−02
Y−intercept = 0.307
2447.0 PMCs used [19170 scans]
Average IWC = 118.4(±59.9) gm/km²
TOTAL Ice = 114.7 tons; max = 427.3
Average FREQUENCY = 12.76%
Average ALBEDO = 13.42*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:49:29 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa19_sh20092010t2_sig1p3_allwv.dat
AREA = 7.59E+06 km²