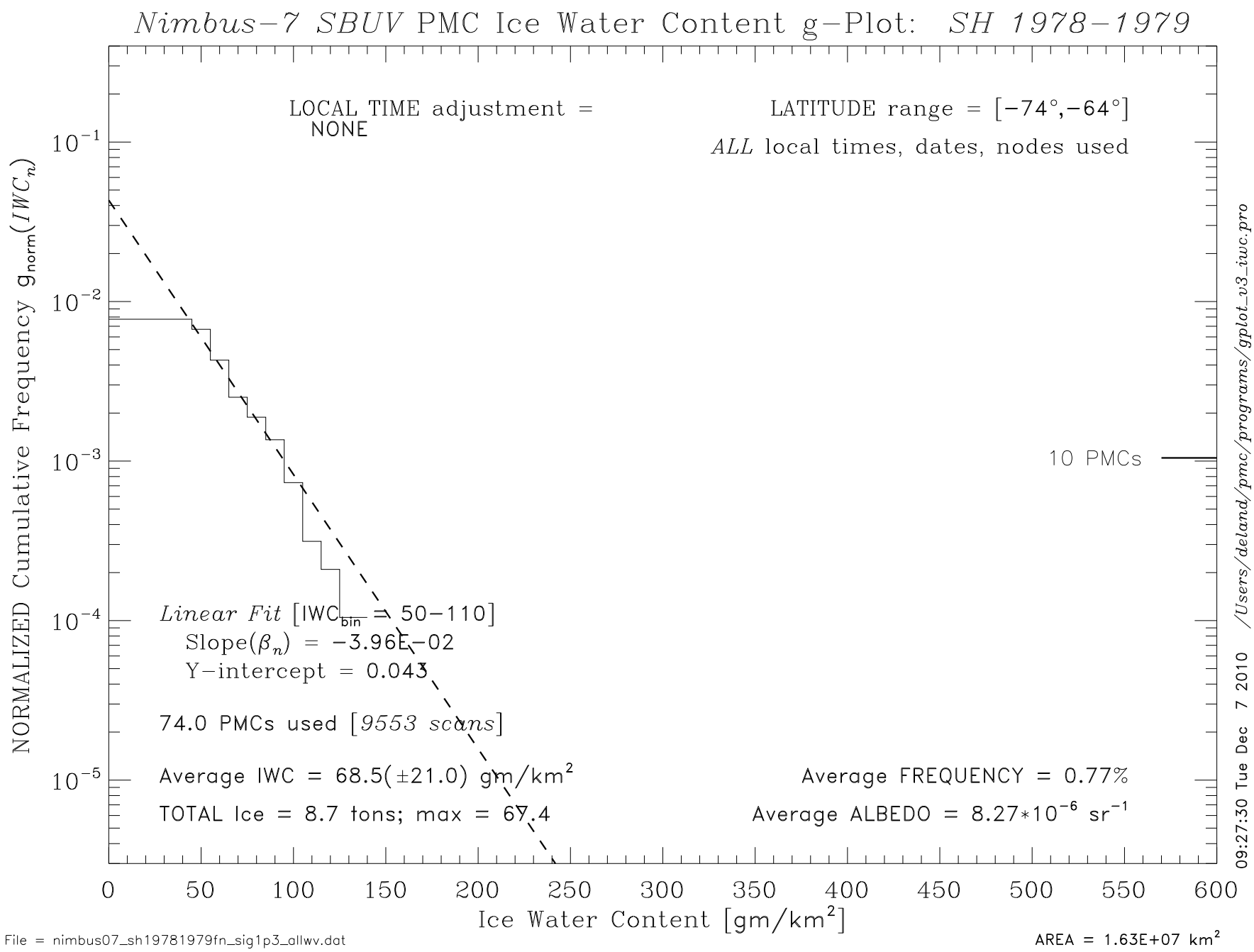
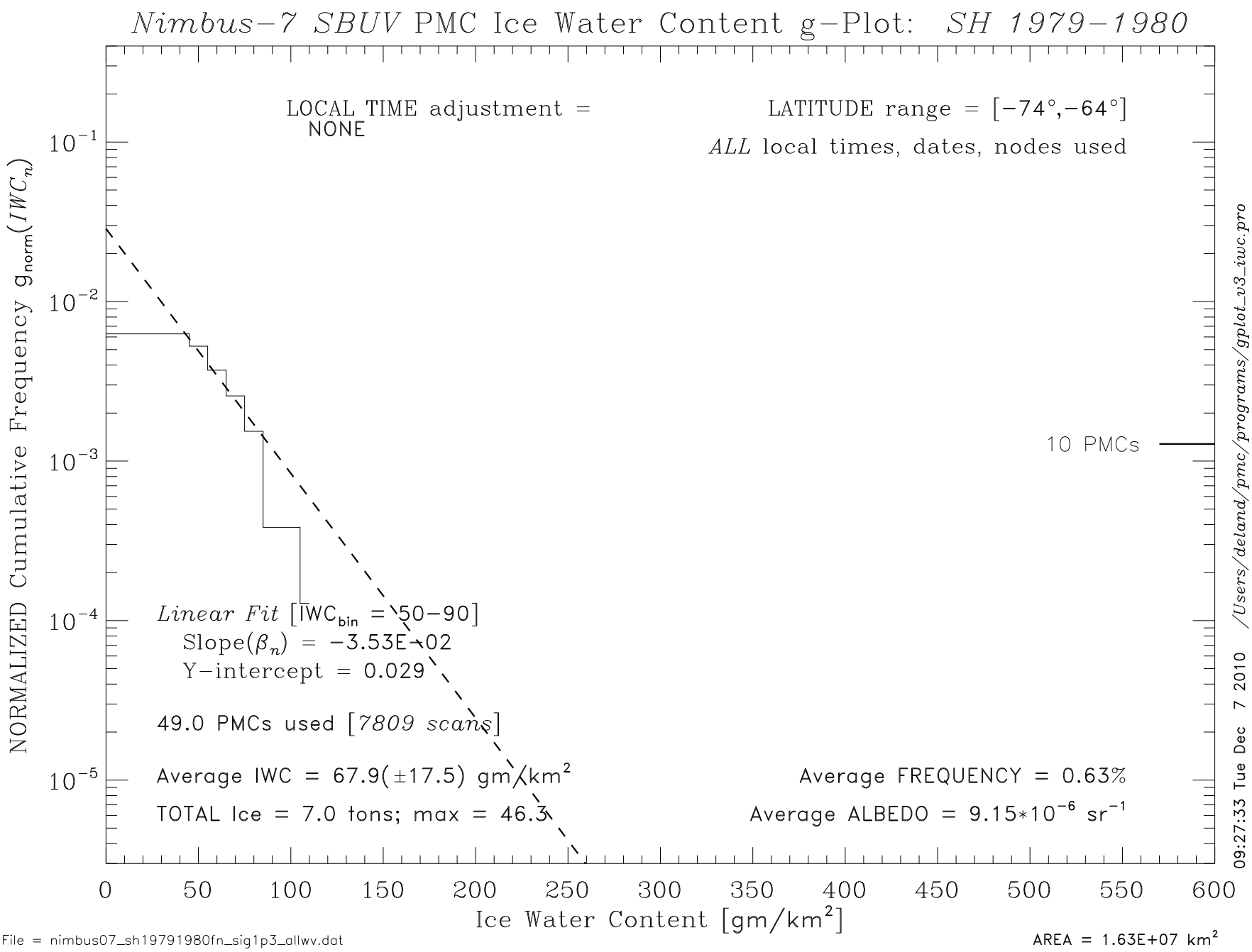
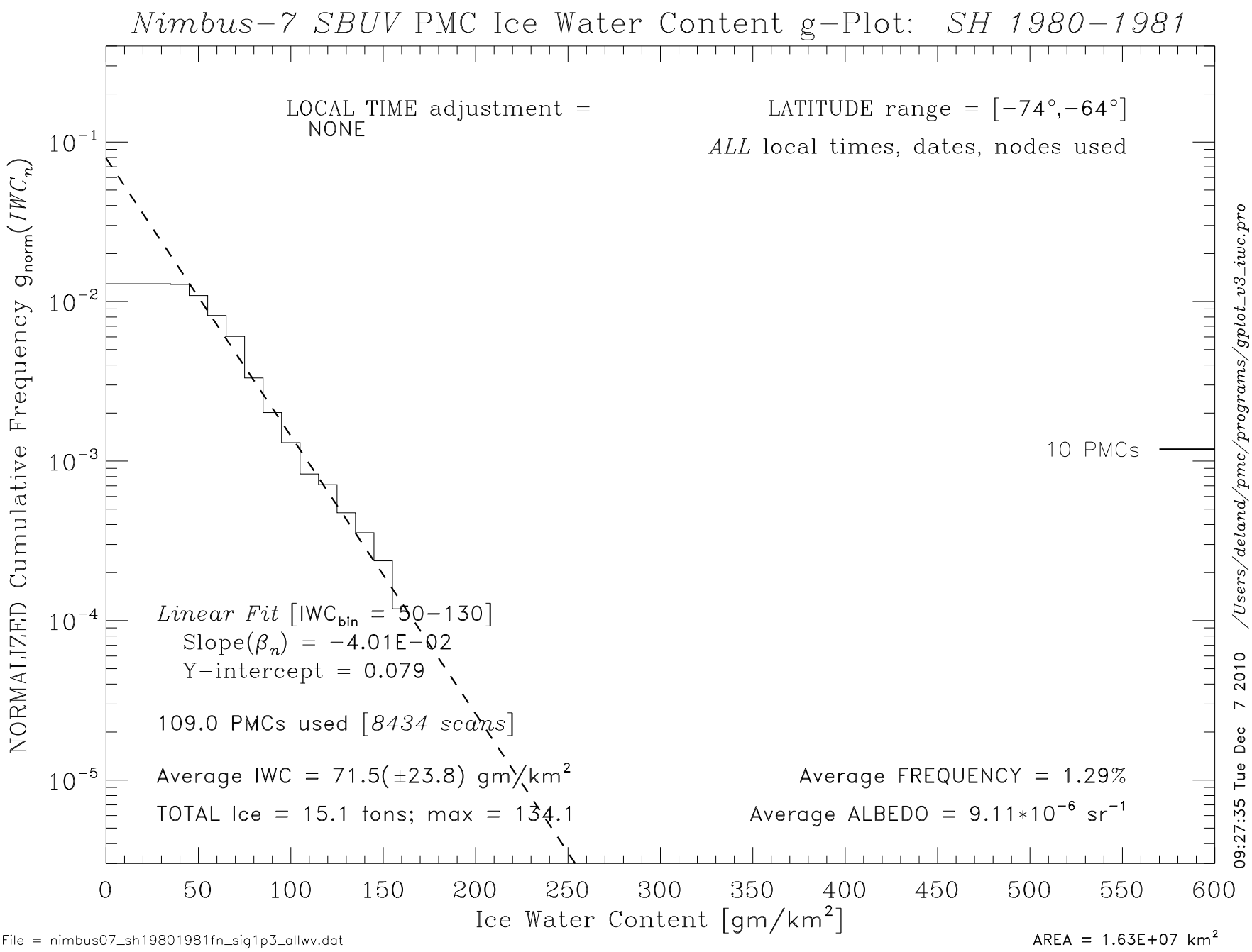
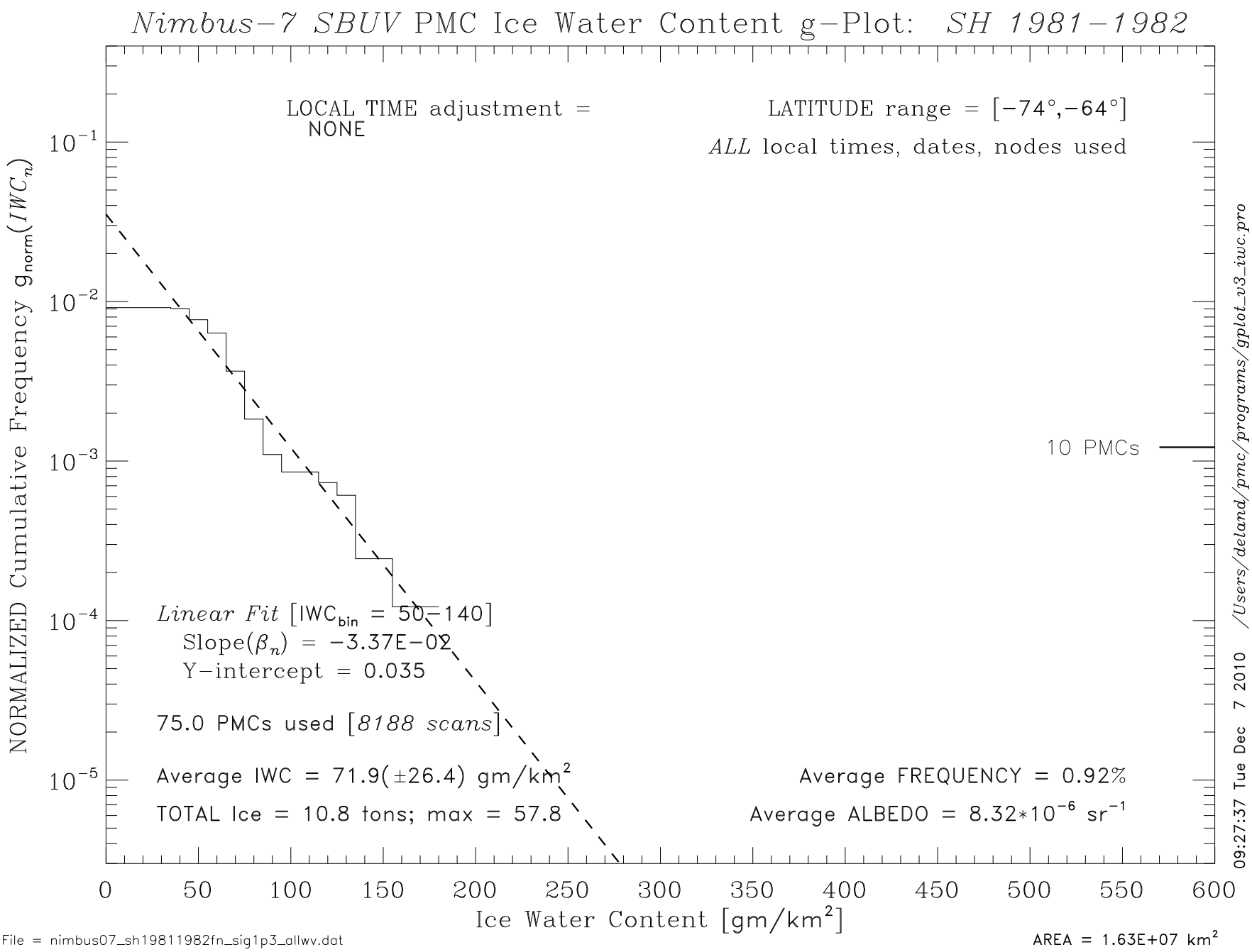


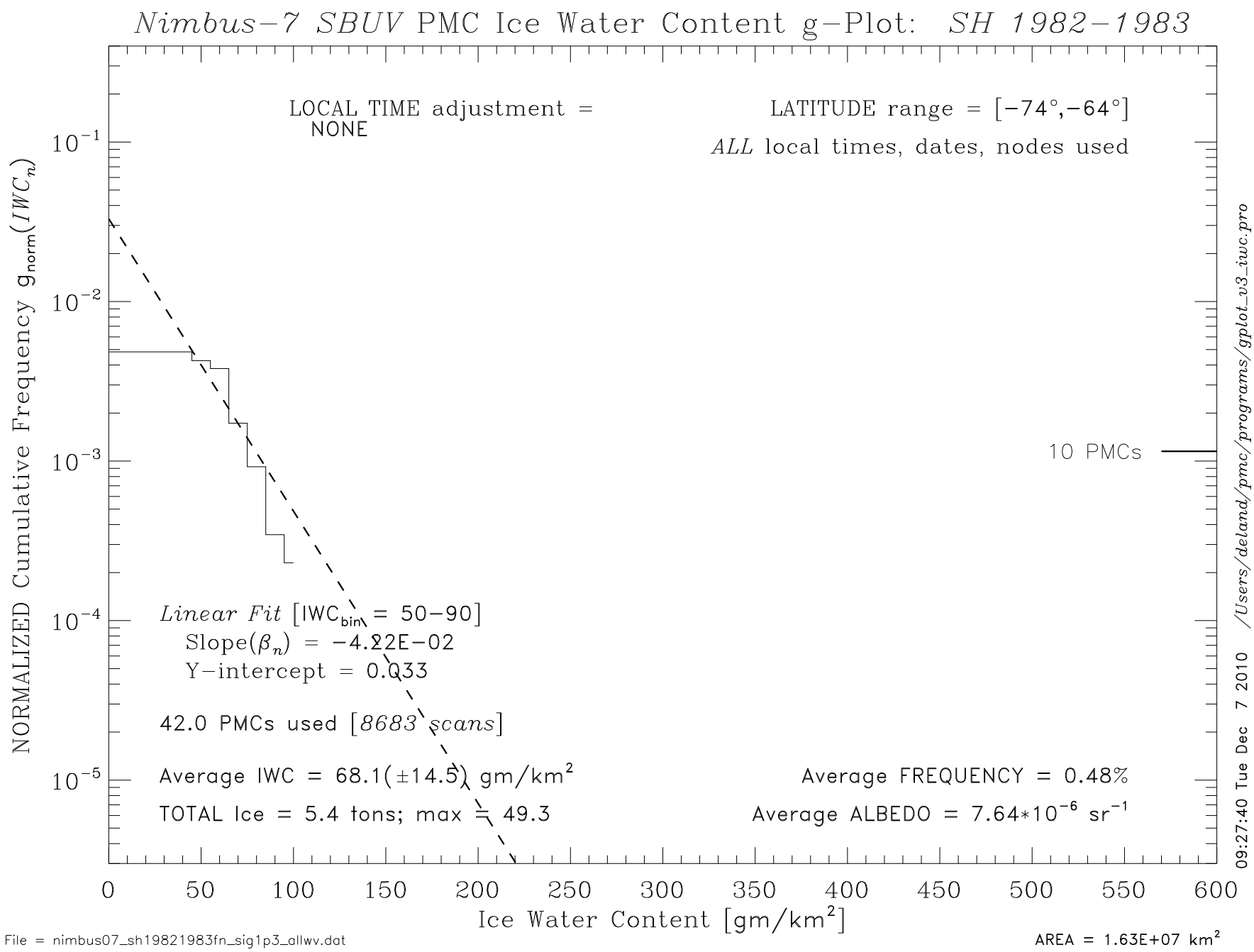
File = nimbus07_sh19781979fn_sig1p3_allwv.dat

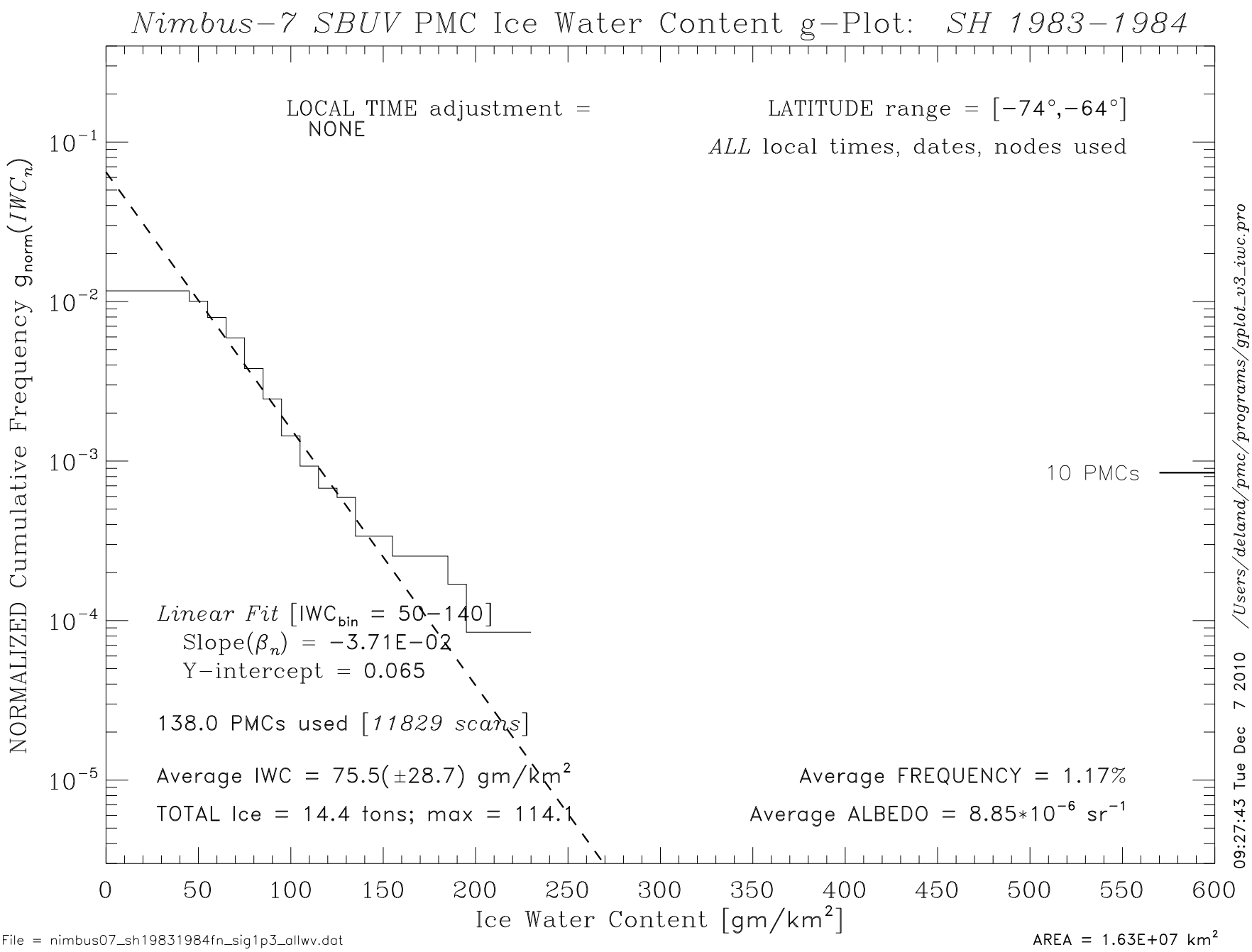
AREA = 1.63E+07 km²

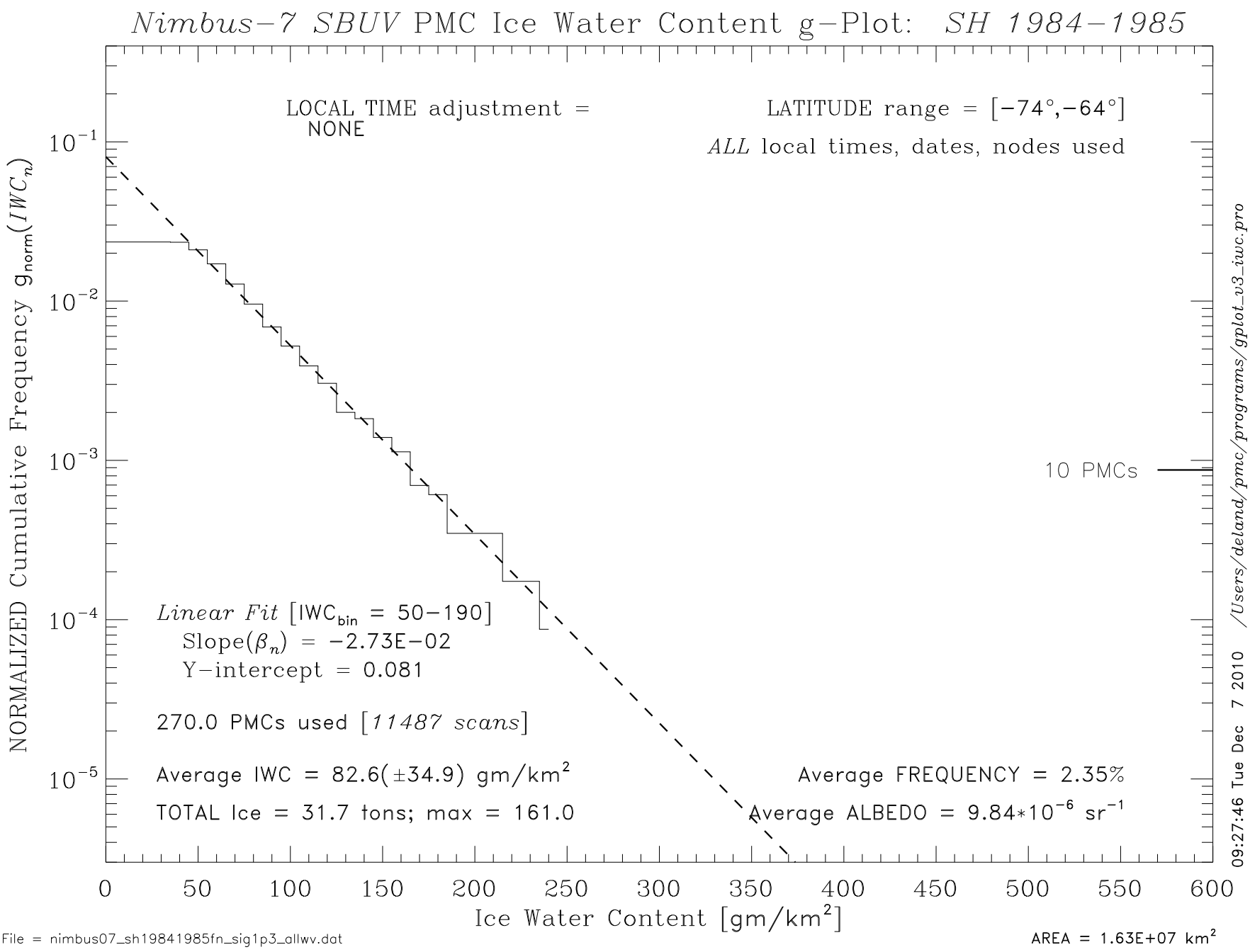

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1979−1980
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−90]
Slope(β_n) = −3.53E−02
Y−intercept = 0.029
49.0 PMCs used [7809 scans]
Average IWC = 67.9(±17.5) gm/km²
TOTAL Ice = 7.0 tons; max = 46.3
Average FREQUENCY = 0.63%
Average ALBEDO = 9.15*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:27:33 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_sh19791980fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

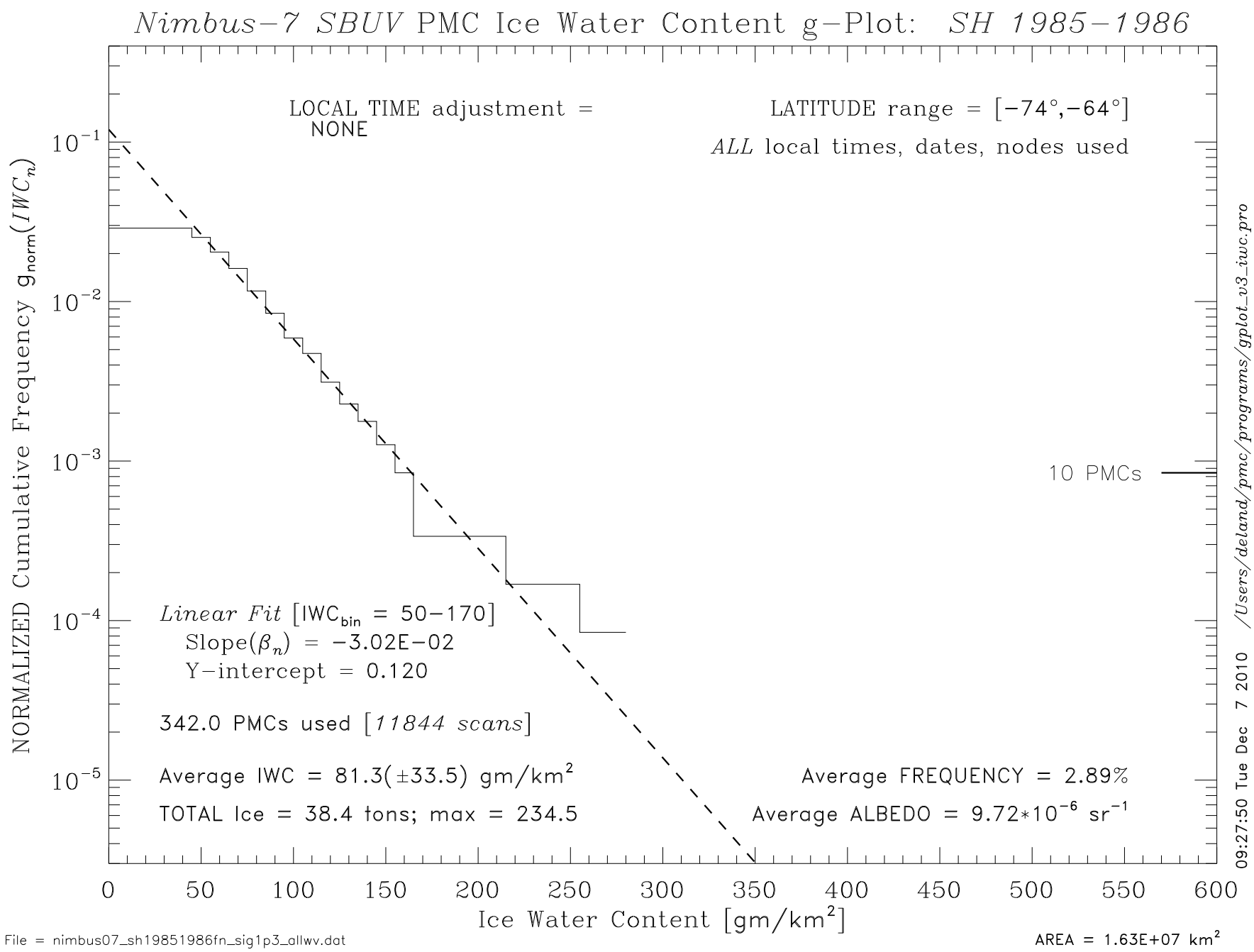

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1980−1981
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−130]
Slope(β_n) = −4.01E−02
Y−intercept = 0.079
109.0 PMCs used [8434 scans]
Average IWC = 71.5(±23.8) gm/km²
TOTAL Ice = 15.1 tons; max = 134.1
Average FREQUENCY = 1.29%
Average ALBEDO = 9.11*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:27:35 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_sh19801981fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

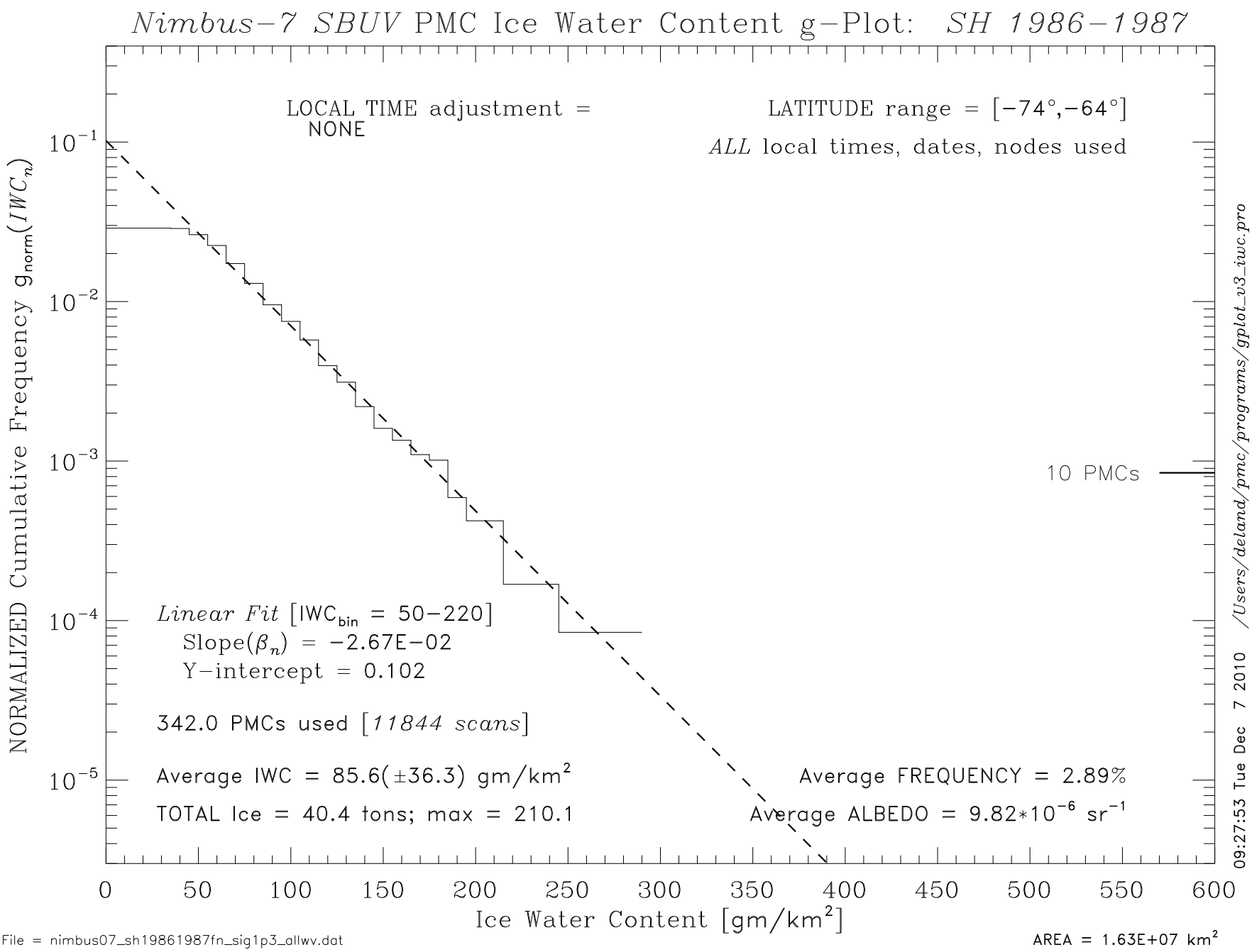

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1981−1982
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−140]
Slope(β_n) = −3.37E−02
Y−intercept = 0.035
75.0 PMCs used [8188 scans]
Average IWC = 71.9(±26.4) gm/km²
TOTAL Ice = 10.8 tons; max = 57.8
Average FREQUENCY = 0.92%
Average ALBEDO = 8.32*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:27:37 Tue Dec 7 2010
File = nimbus07_sh19811982fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²


Nimbus-7 SBUV PMC Ice Water Content g-Plot: SH 1982-1983
LOCAL TIME adjustment = NONE
LATITUDE range = [-74°,-64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-90]
Slope(β_n) = -4.22E-02
Y-intercept = 0.033
42.0 PMCs used [8683 scans]
Average IWC = 68.1(±14.5) gm/km²
TOTAL Ice = 5.4 tons; max = 49.3
Average FREQUENCY = 0.48%
Average ALBEDO = 7.64*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:27:40 Tue Dec 7 2010
File = nimbus07_sh19821983fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²


Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1983−1984
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−140]
Slope(β_n) = −3.71E−02
Y−intercept = 0.065
138.0 PMCs used [11829 scans]
Average IWC = 75.5(±28.7) gm/km²
TOTAL Ice = 14.4 tons; max = 114.1
Average FREQUENCY = 1.17%
Average ALBEDO = 8.85*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:27:43 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_sh19831984fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

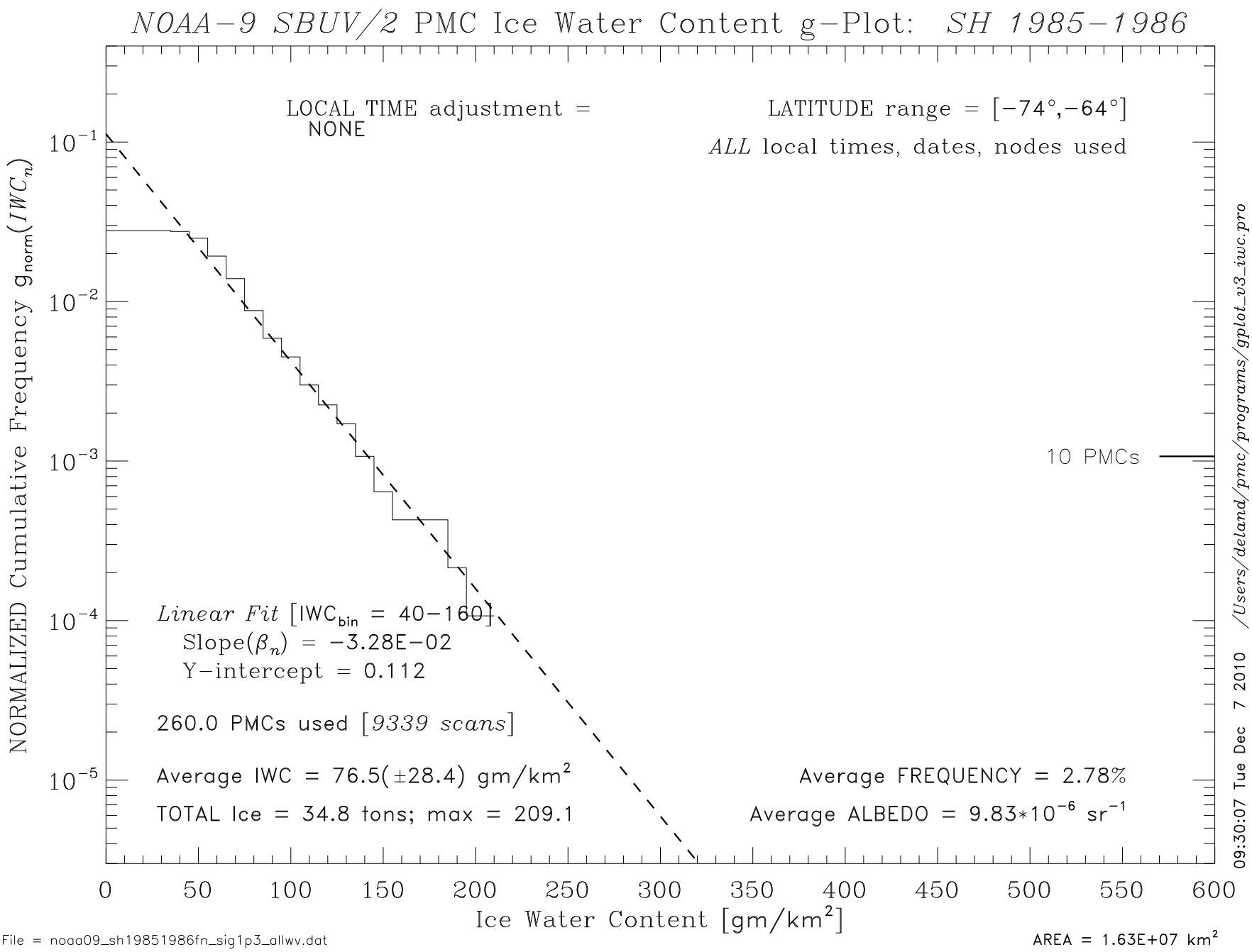

Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1984−1985
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−190]
Slope(β_n) = −2.73E−02
Y−intercept = 0.081
270.0 PMCs used [11487 scans]
Average IWC = 82.6(±34.9) gm/km²
TOTAL Ice = 31.7 tons; max = 161.0
Average FREQUENCY = 2.35%
Average ALBEDO = 9.84*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:27:46 Tue Dec 7 2010
File = nimbus07_sh19841985fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²


Nimbus−7 SBUV PMC Ice Water Content g−Plot: SH 1985−1986
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−170]
Slope(β_n) = −3.02E−02
Y−intercept = 0.120
342.0 PMCs used [11844 scans]
Average IWC = 81.3(±33.5) gm/km²
TOTAL Ice = 38.4 tons; max = 234.5
Average FREQUENCY = 2.89%
Average ALBEDO = 9.72*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:27:50 Tue Dec 7 2010
File = nimbus07_sh19851986fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²



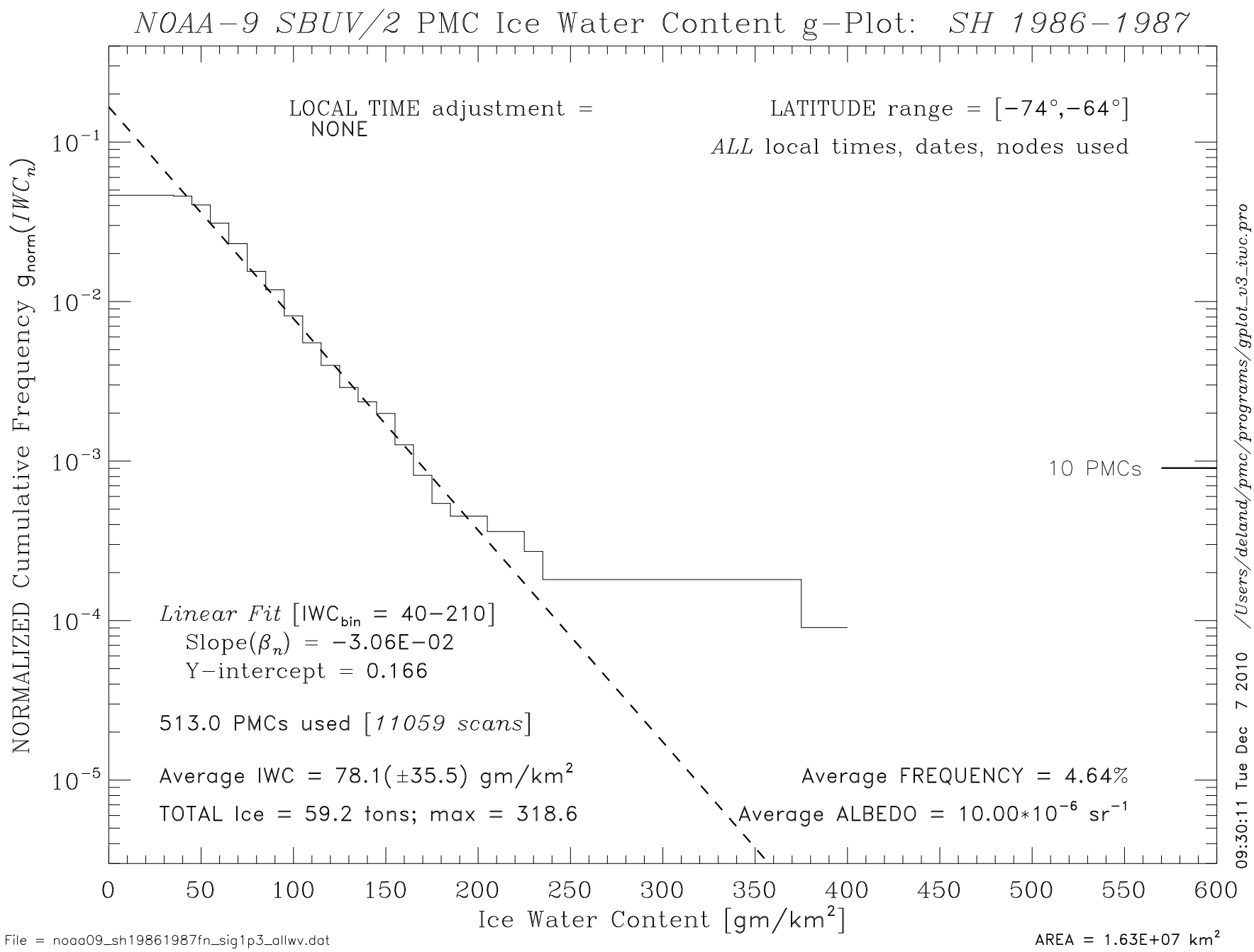
File = nimbus07_sh19861987fn_sig1p3_allwv.dat

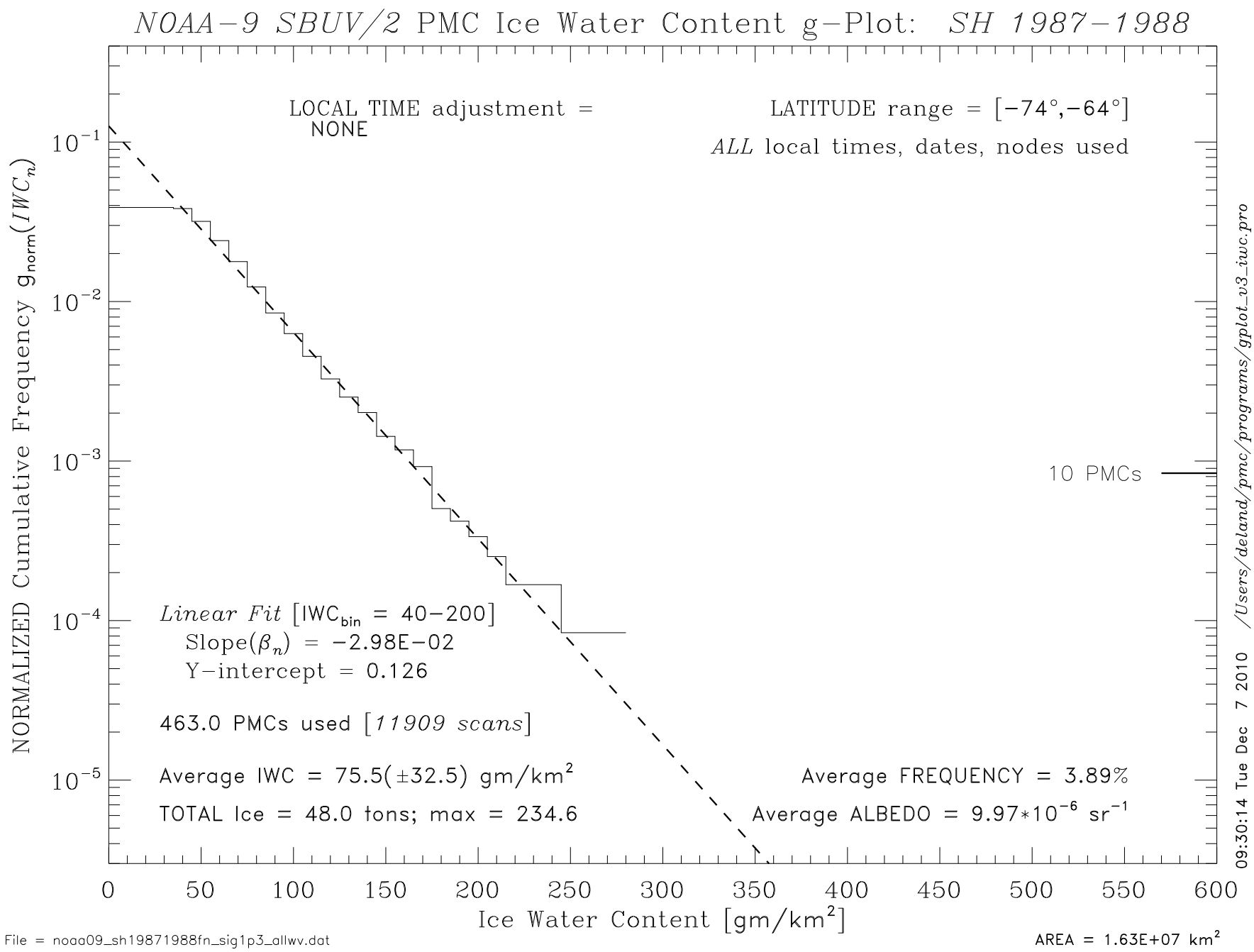
AREA = 1.63E+07 km²

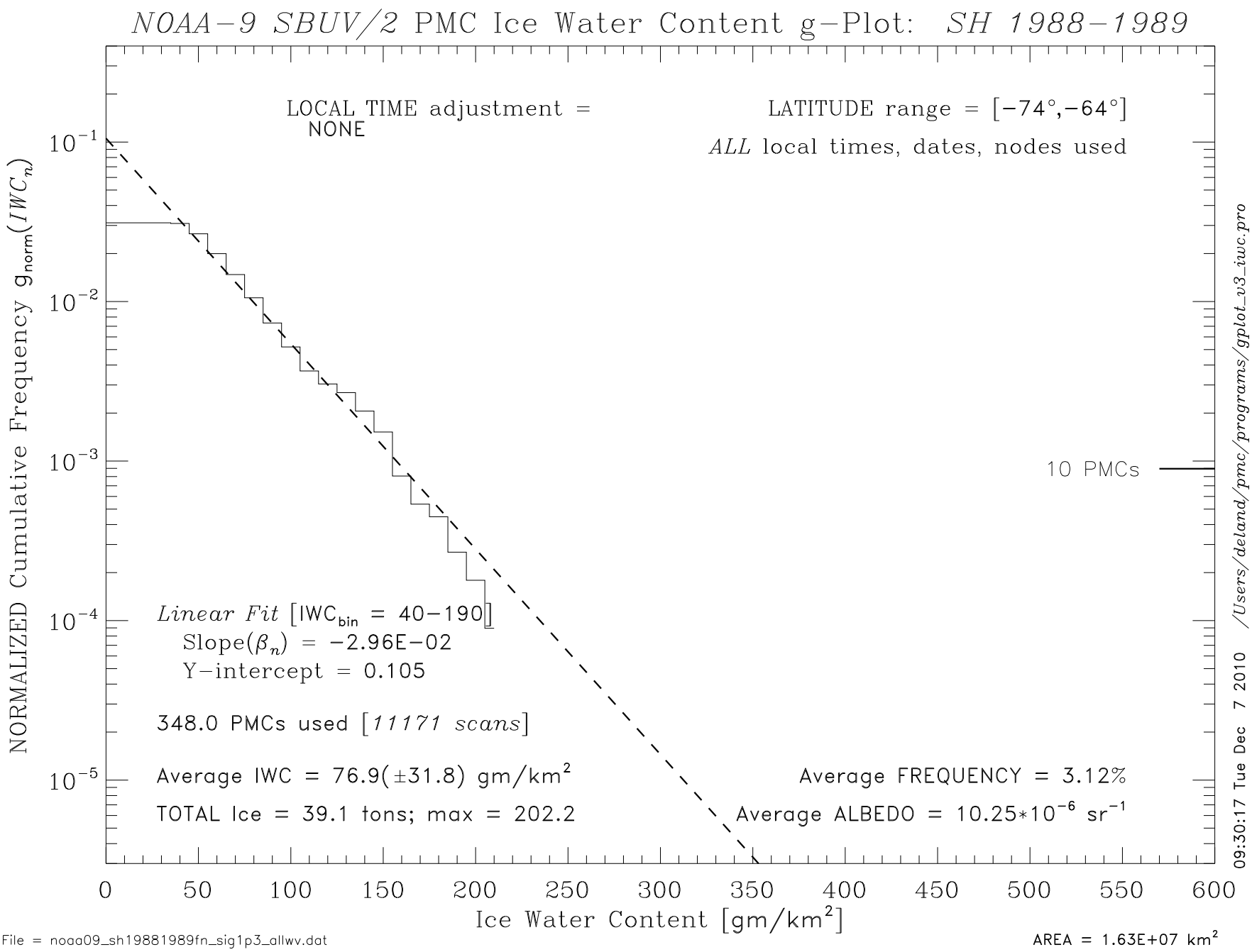


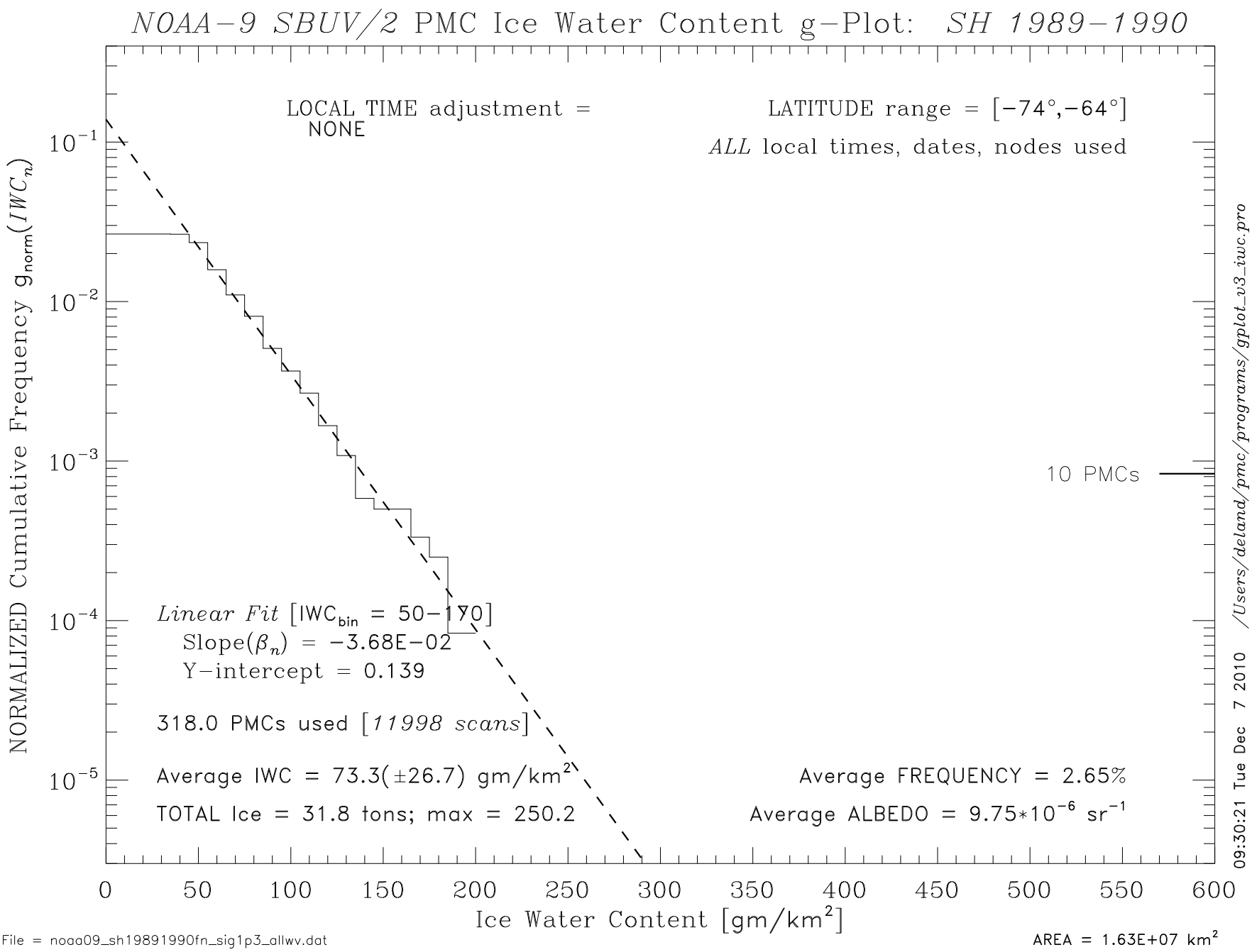
File = noaa09_sh19851986fn_sig1p3_allwv.dat

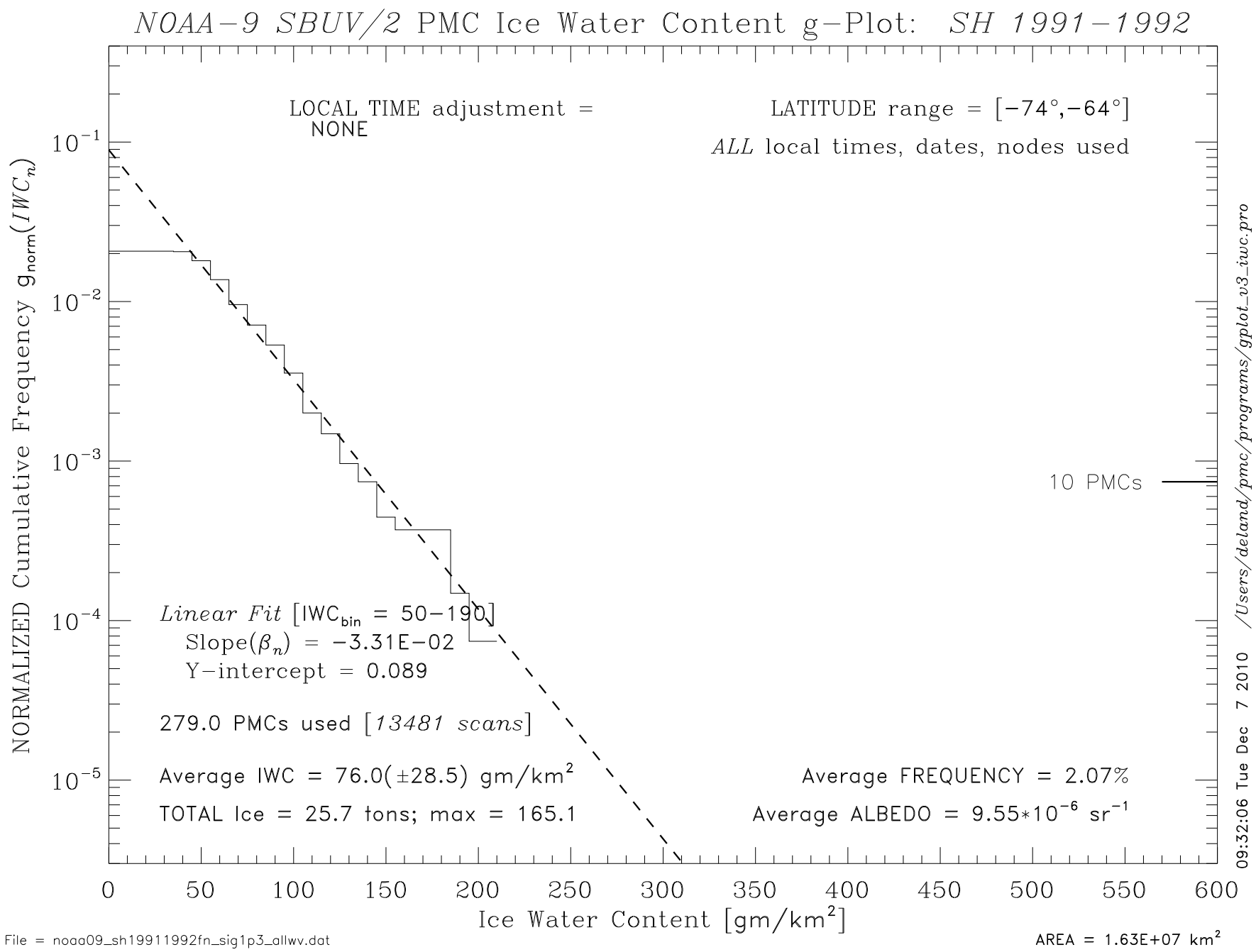
AREA = 1.63E+07 km²

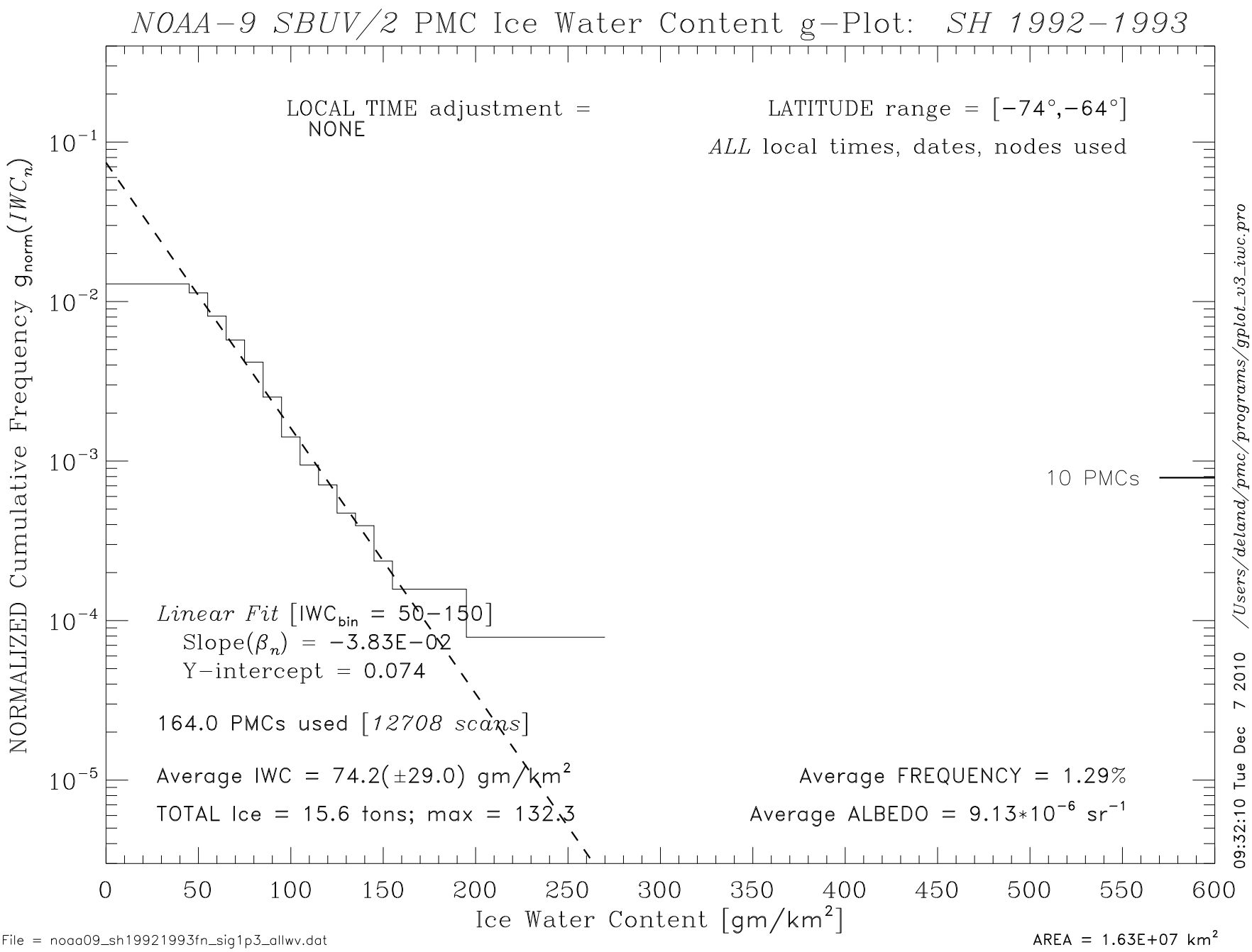

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1986−1987
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−210]
Slope(β_n) = −3.06E−02
Y−intercept = 0.166
513.0 PMCs used [11059 scans]
Average IWC = 78.1(±35.5) gm/km²
TOTAL Ice = 59.2 tons; max = 318.6
Average FREQUENCY = 4.64%
Average ALBEDO = 10.00*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:30:11 Tue Dec 7 2010
File = noaa09_sh19861987fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

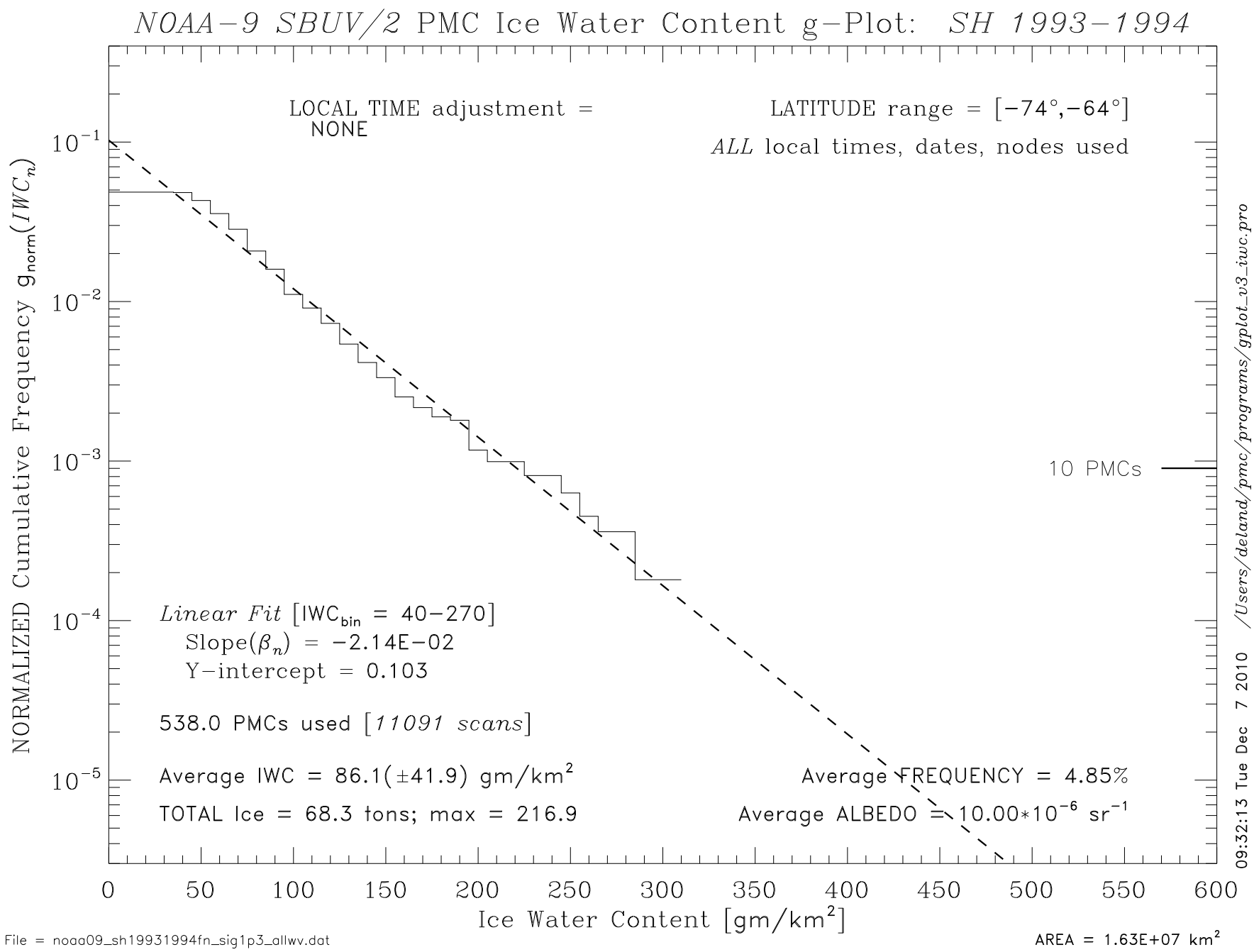

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1987−1988
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−200]
Slope(β_n) = −2.98E−02
Y−intercept = 0.126
463.0 PMCs used [11909 scans]
Average IWC = 75.5(±32.5) gm/km²
TOTAL Ice = 48.0 tons; max = 234.6
Average FREQUENCY = 3.89%
Average ALBEDO = 9.97*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:30:14 Tue Dec 7 2010
File = noaa09_sh19871988fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

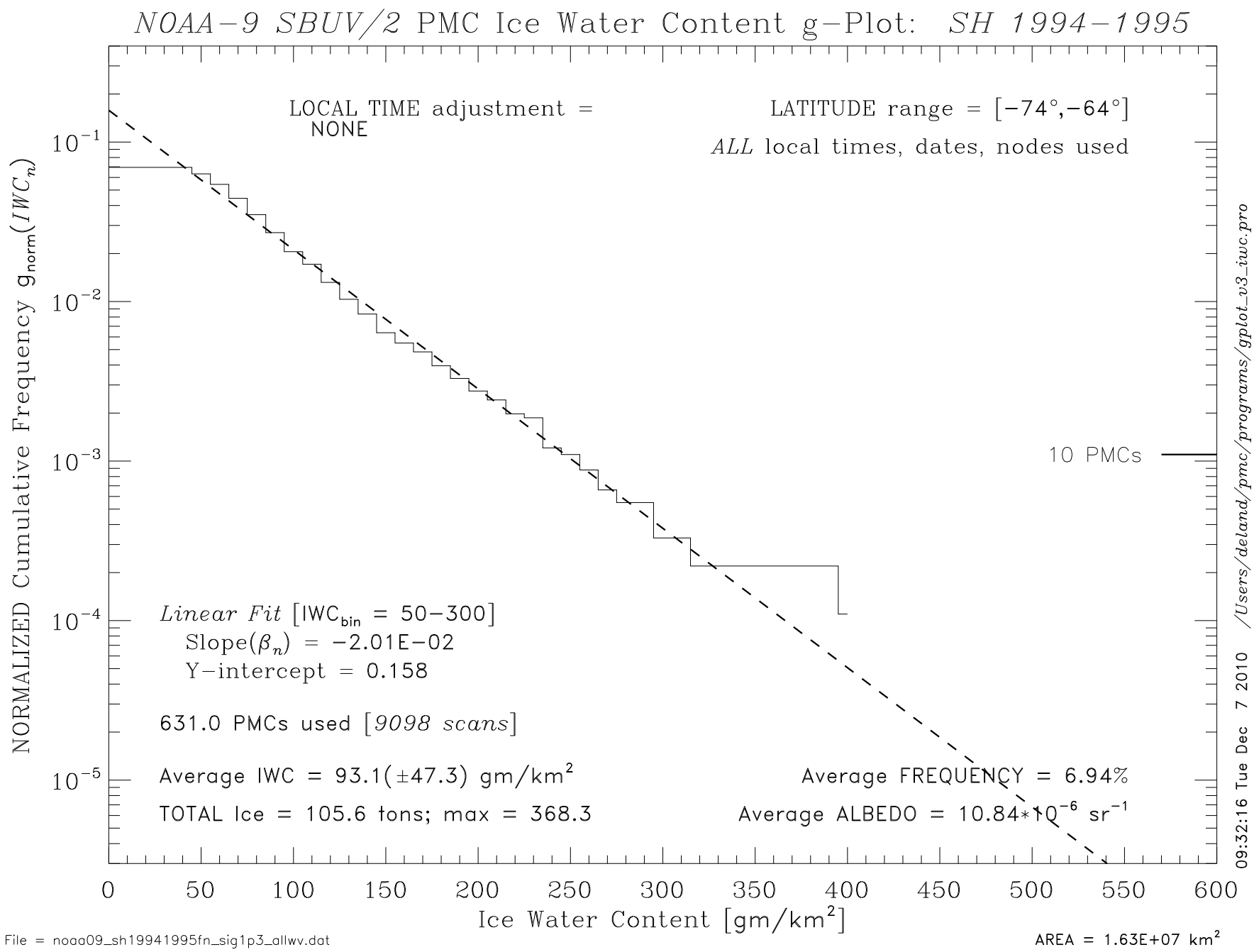

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1988−1989
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−190]
Slope(β_n) = −2.96E−02
Y−intercept = 0.105
348.0 PMCs used [11171 scans]
Average IWC = 76.9(±31.8) gm/km²
TOTAL Ice = 39.1 tons; max = 202.2
Average FREQUENCY = 3.12%
Average ALBEDO = 10.25*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:30:17 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_sh19881989fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

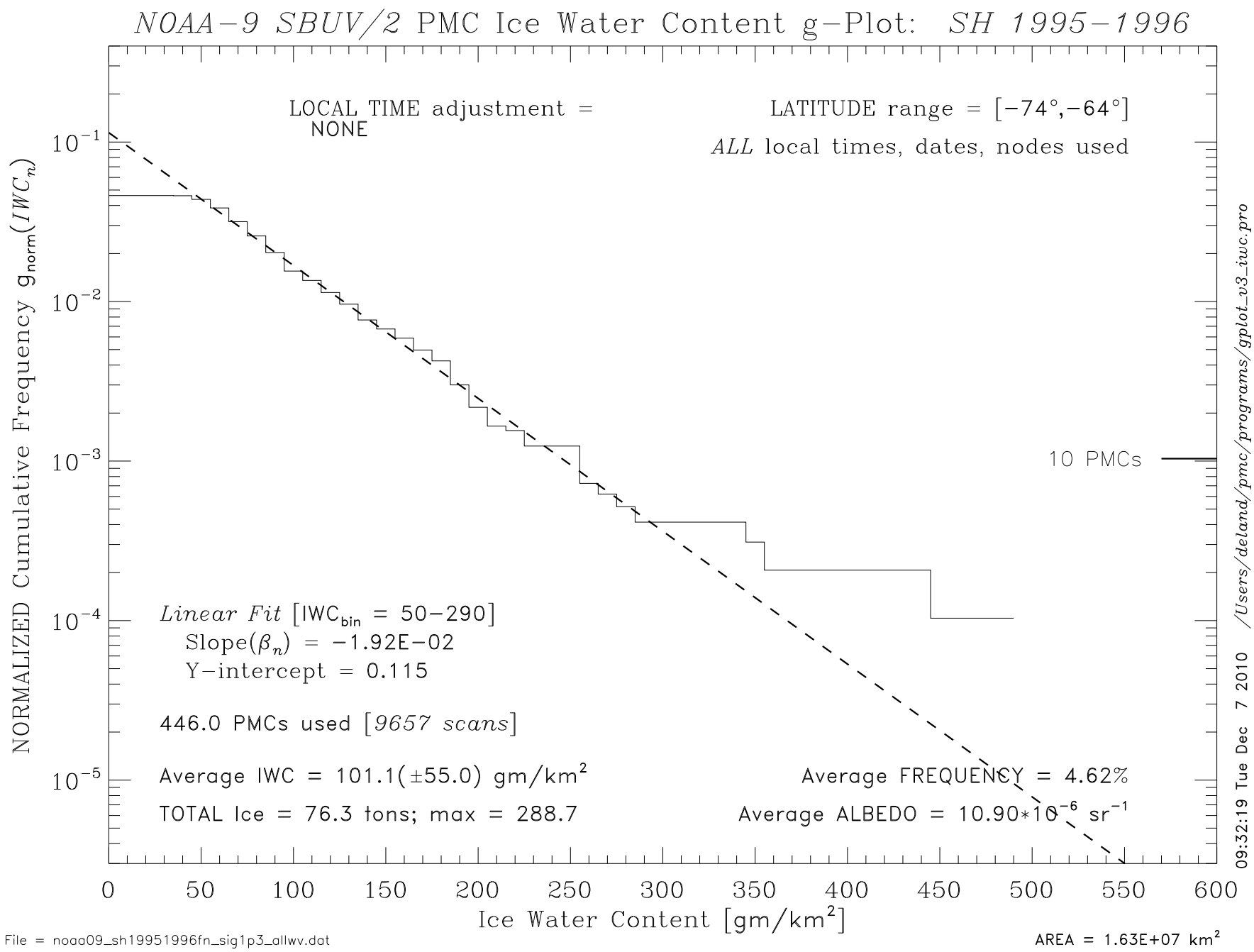

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1989−1990
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−170]
Slope(β_n) = −3.68E−02
Y−intercept = 0.139
318.0 PMCs used [11998 scans]
Average IWC = 73.3(±26.7) gm/km²
TOTAL Ice = 31.8 tons; max = 250.2
Average FREQUENCY = 2.65%
Average ALBEDO = 9.75*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:30:21 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_sh19891990fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

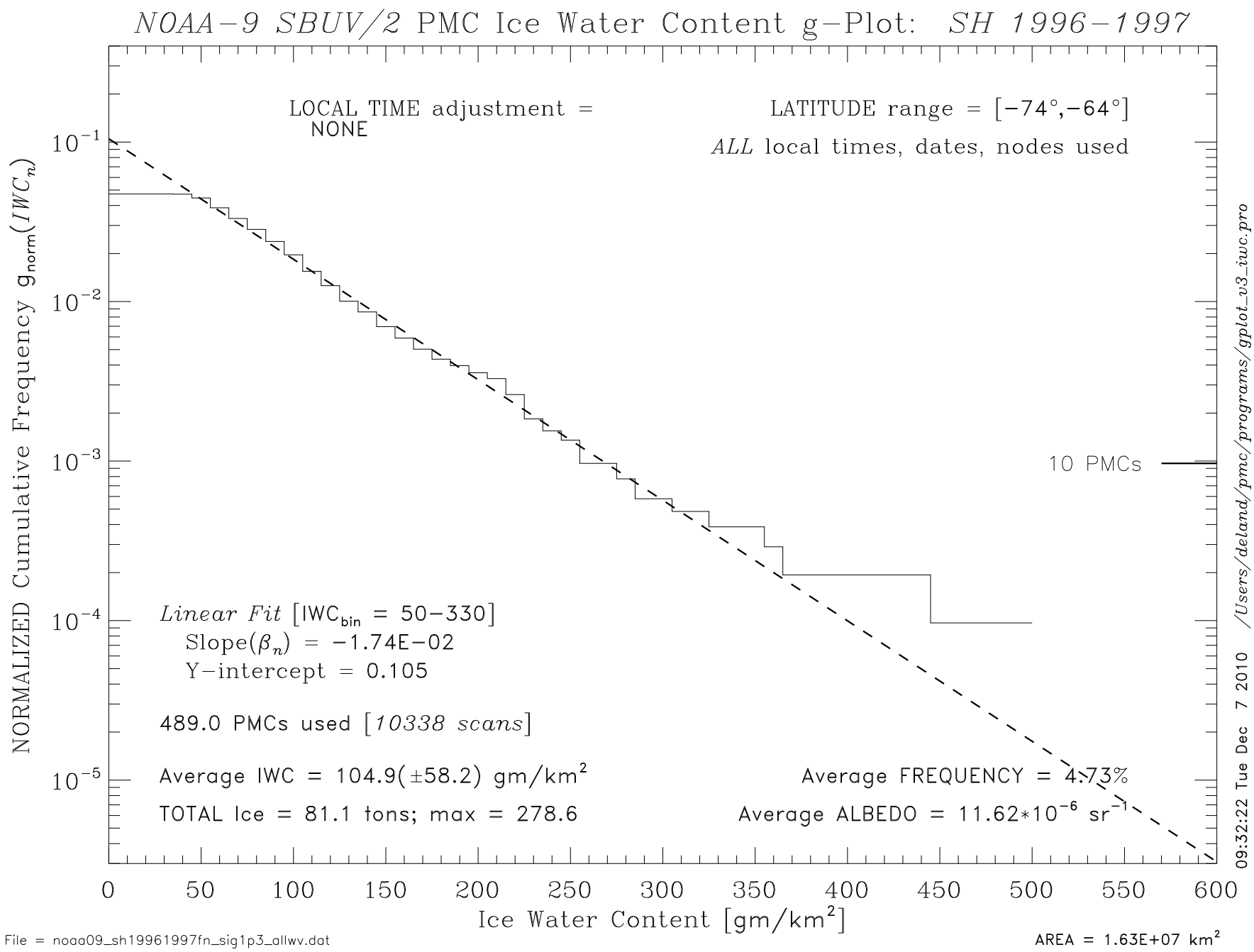

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1991−1992
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−190]
Slope(β_n) = −3.31E−02
Y−intercept = 0.089
279.0 PMCs used [13481 scans]
Average IWC = 76.0(±28.5) gm/km²
TOTAL Ice = 25.7 tons; max = 165.1
Average FREQUENCY = 2.07%
Average ALBEDO = 9.55*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:32:06 Tue Dec 7 2010
File = noaa09_sh19911992fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

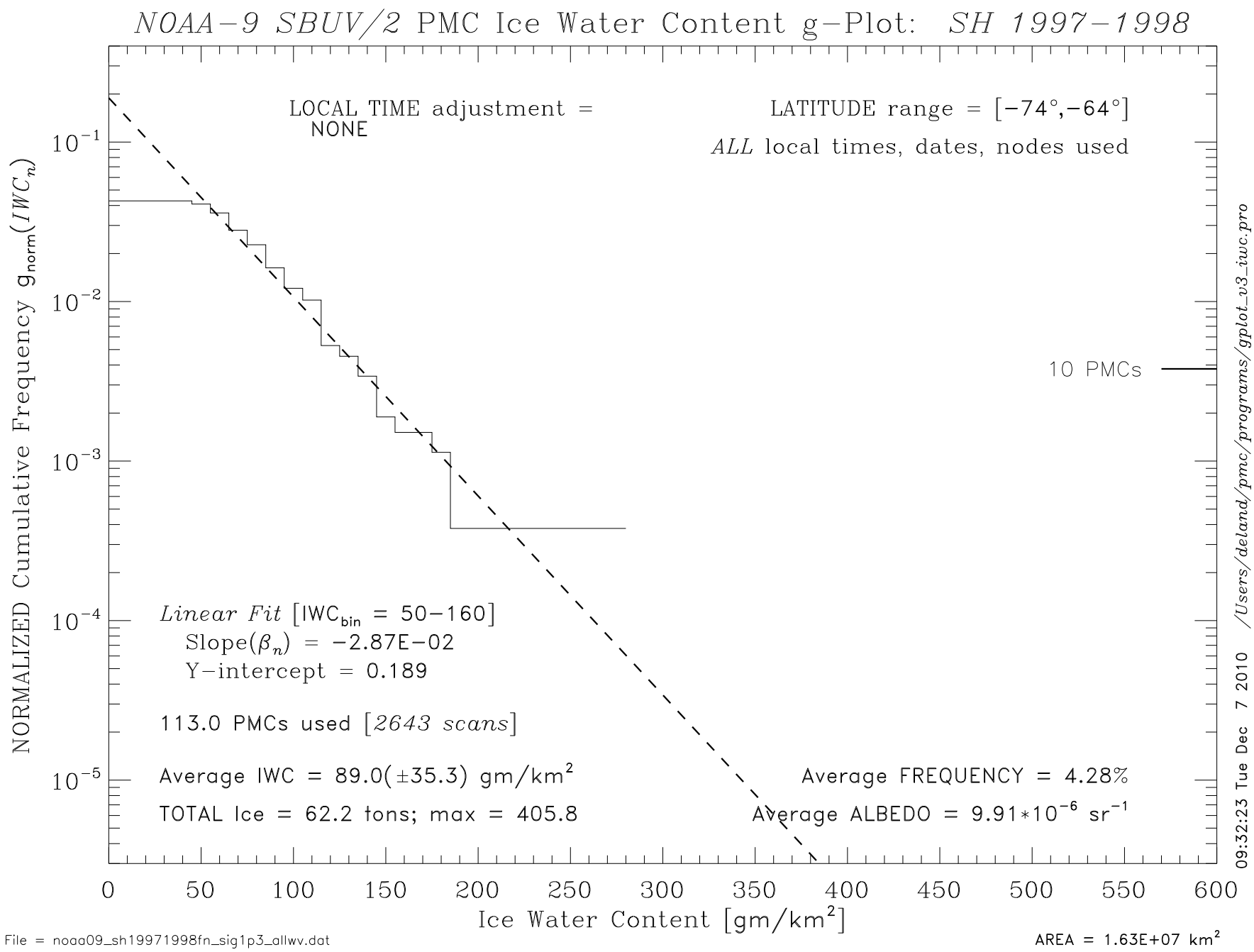

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1992−1993
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−150]
Slope(β_n) = −3.83E−02
Y−intercept = 0.074
164.0 PMCs used [12708 scans]
Average IWC = 74.2(±29.0) gm/km²
TOTAL Ice = 15.6 tons; max = 132.3
Average FREQUENCY = 1.29%
Average ALBEDO = 9.13*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:32:10 Tue Dec 7 2010
File = noaa09_sh19921993fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

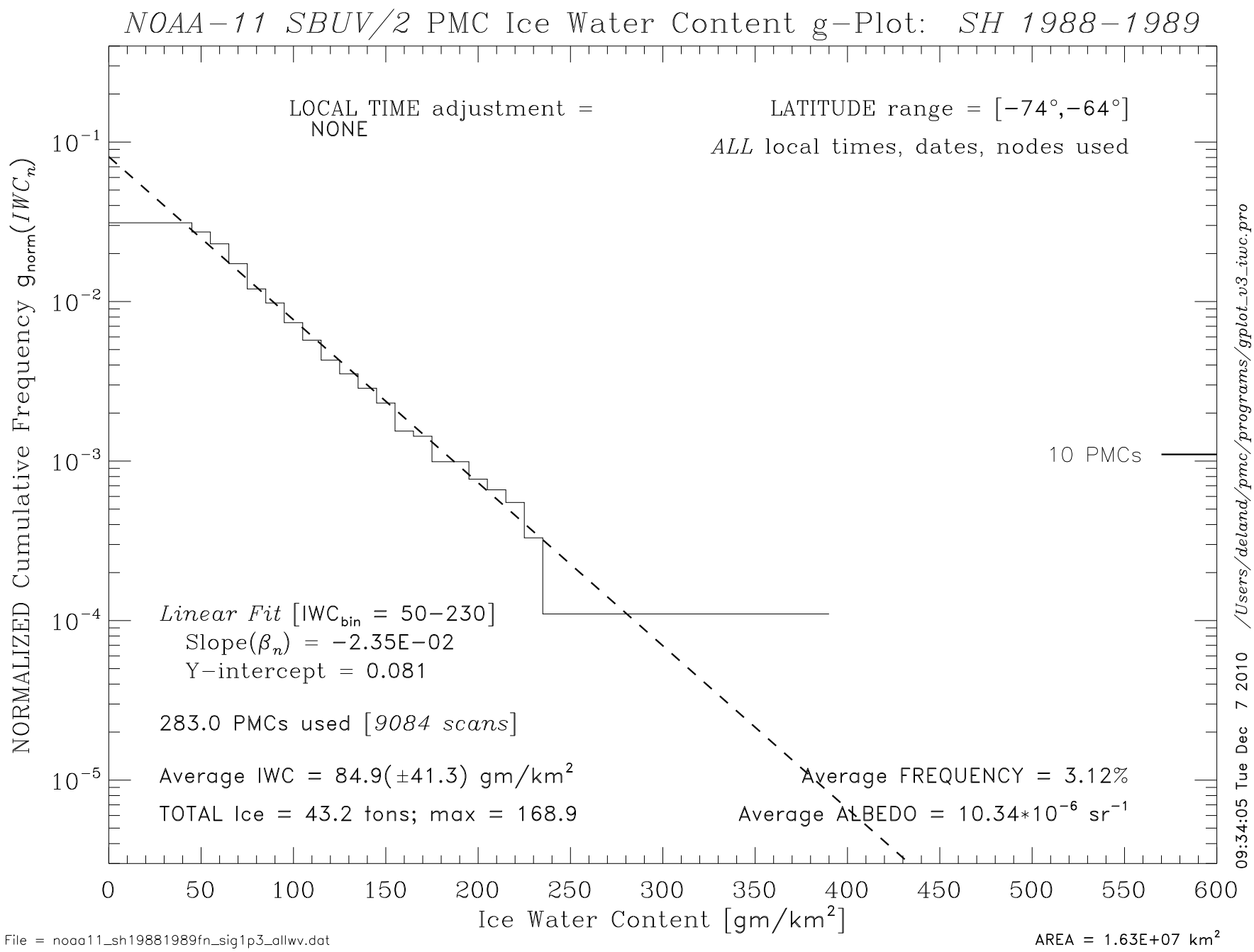

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1993−1994
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−270]
Slope(β_n) = −2.14E−02
Y−intercept = 0.103
538.0 PMCs used [11091 scans]
Average IWC = 86.1(±41.9) gm/km²
TOTAL Ice = 68.3 tons; max = 216.9
Average FREQUENCY = 4.85%
Average ALBEDO = 10.00*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:32:13 Tue Dec 7 2010
File = noaa09_sh19931994fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

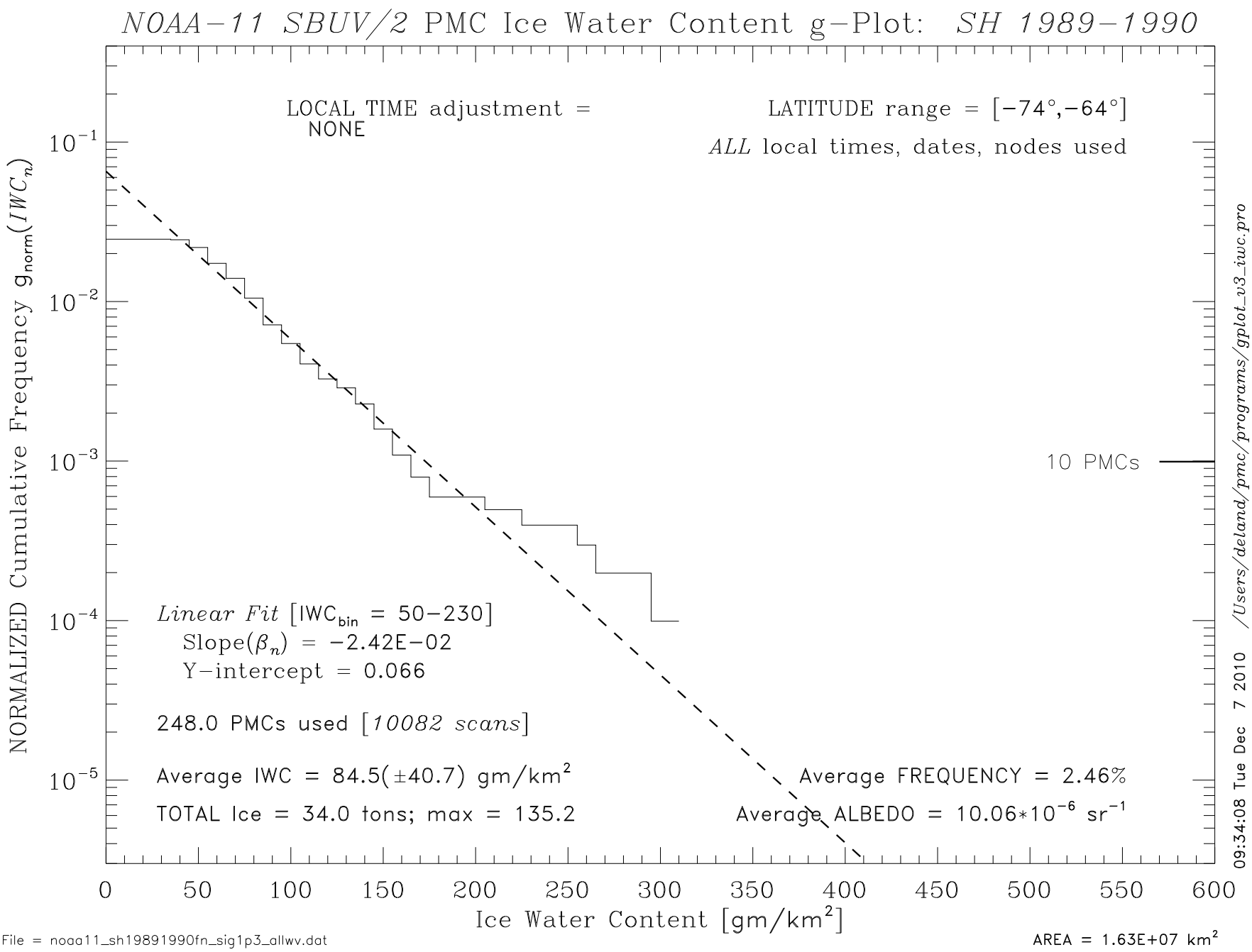

NOAA-9 SBUV/2 PMC Ice Water Content g-Plot: SH 1994-1995
LOCAL TIME adjustment = NONE
LATITUDE range = [-74°,-64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-300]
Slope(β_n) = -2.01E-02
Y-intercept = 0.158
631.0 PMCs used [9098 scans]
Average IWC = 93.1(±47.3) gm/km²
TOTAL Ice = 105.6 tons; max = 368.3
Average FREQUENCY = 6.94%
Average ALBEDO = 10.84*10^-6 sr^-1
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:32:16 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_sh19941995fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

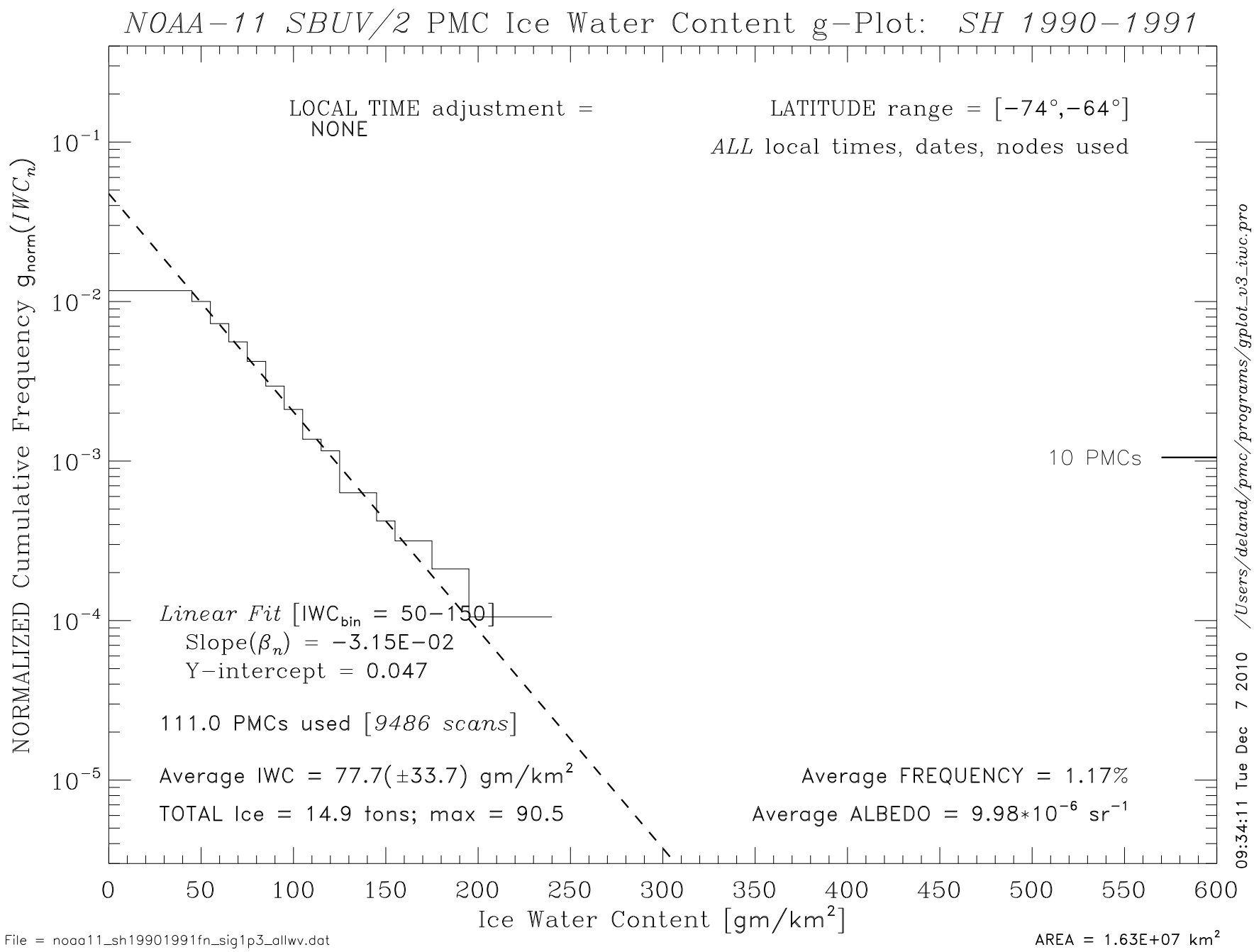

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1995−1996
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−290]
Slope(β_n) = −1.92E−02
Y−intercept = 0.115
446.0 PMCs used [9657 scans]
Average IWC = 101.1(±55.0) gm/km²
TOTAL Ice = 76.3 tons; max = 288.7
Average FREQUENCY = 4.62%
Average ALBEDO = 10.90*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:32:19 Tue Dec 7 2010
File = noaa09_sh19951996fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

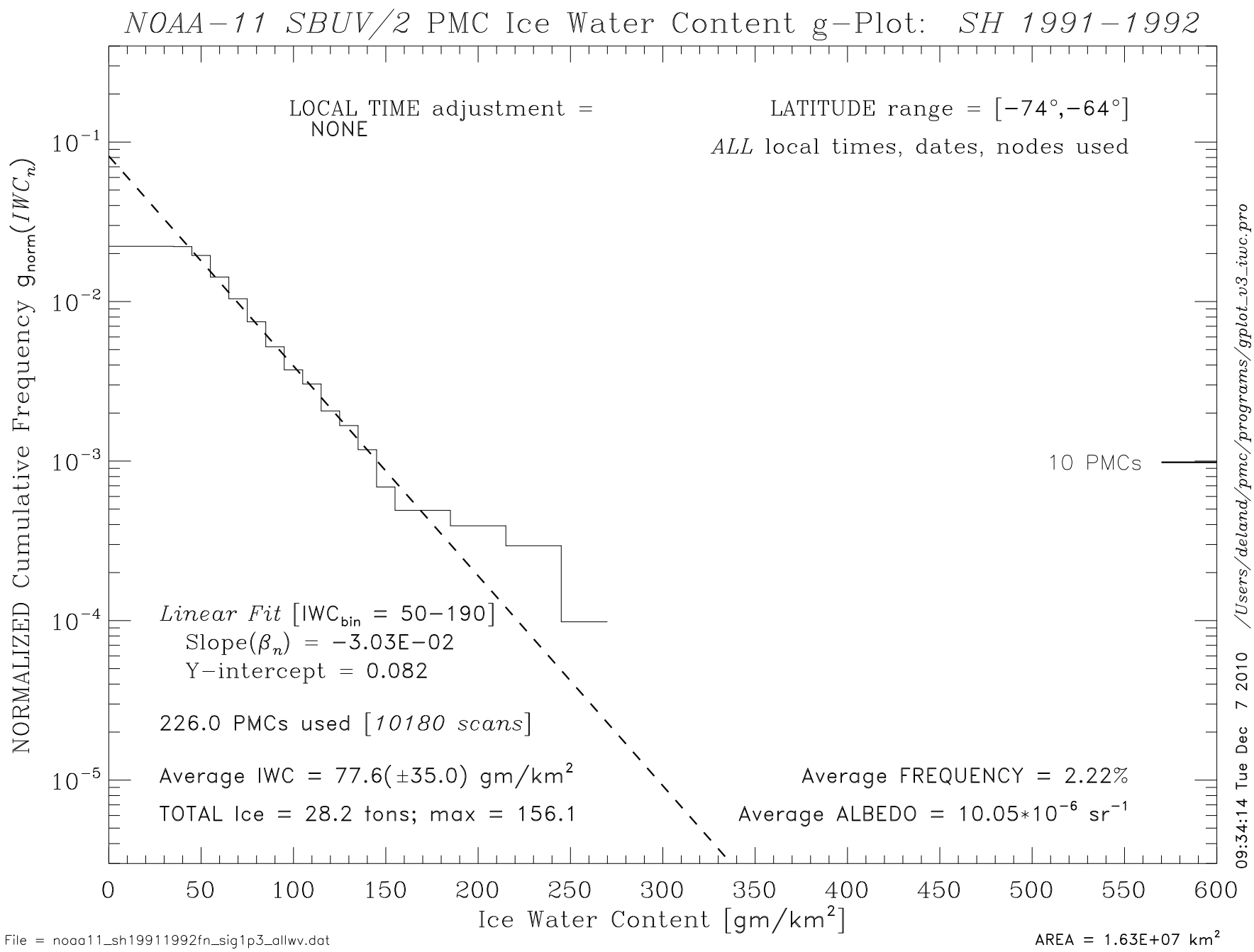

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1996−1997
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−330]
Slope(β_n) = −1.74E−02
Y−intercept = 0.105
489.0 PMCs used [10338 scans]
Average IWC = 104.9(±58.2) gm/km²
TOTAL Ice = 81.1 tons; max = 278.6
Average FREQUENCY = 4.73%
Average ALBEDO = 11.62*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:32:22 Tue Dec 7 2010
File = noaa09_sh19961997fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

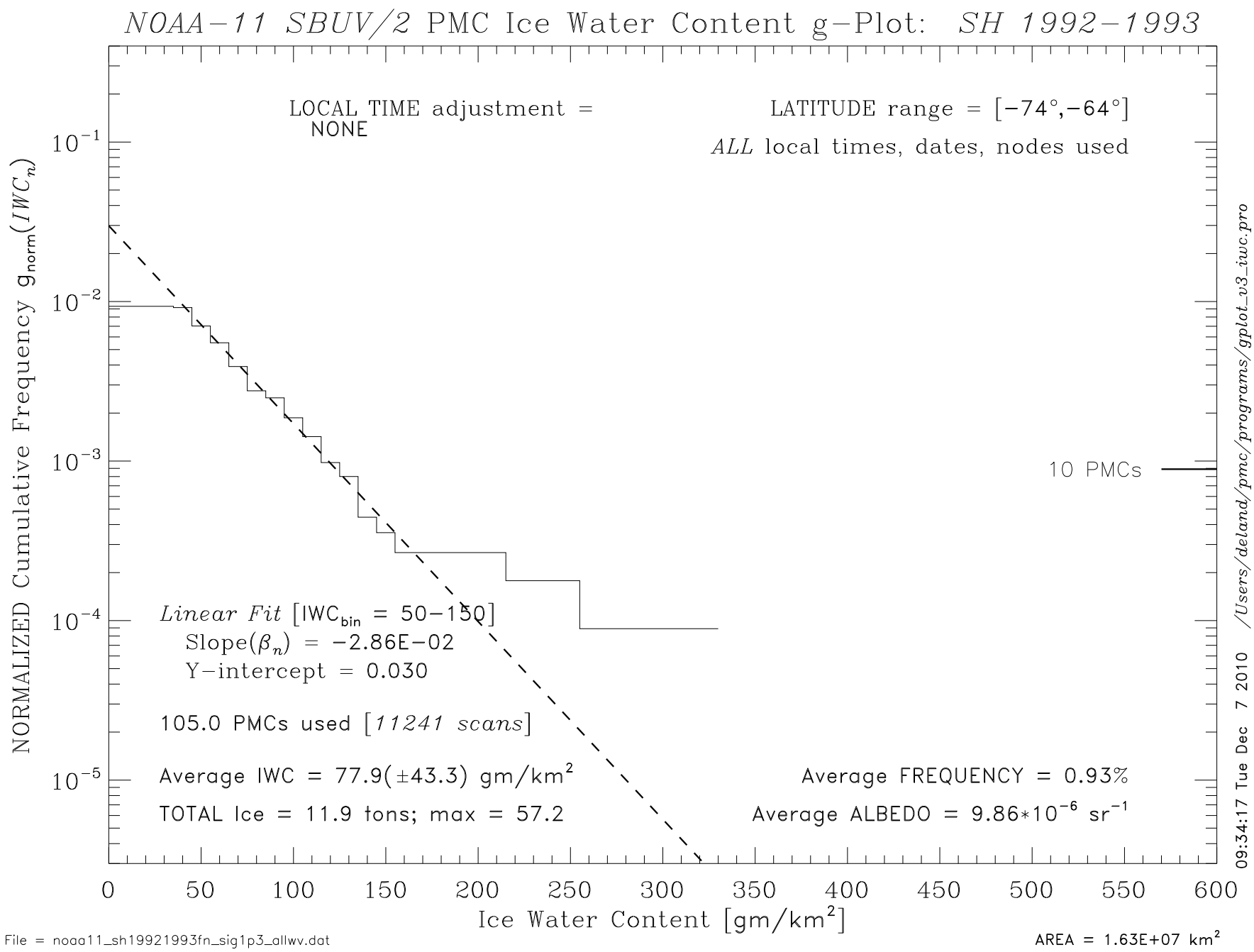

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: SH 1997−1998
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−160]
Slope(β_n) = −2.87E−02
Y−intercept = 0.189
113.0 PMCs used [2643 scans]
Average IWC = 89.0(±35.3) gm/km²
TOTAL Ice = 62.2 tons; max = 405.8
Average FREQUENCY = 4.28%
Average ALBEDO = 9.91*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:32:23 Tue Dec 7 2010
File = noaa09_sh19971998fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

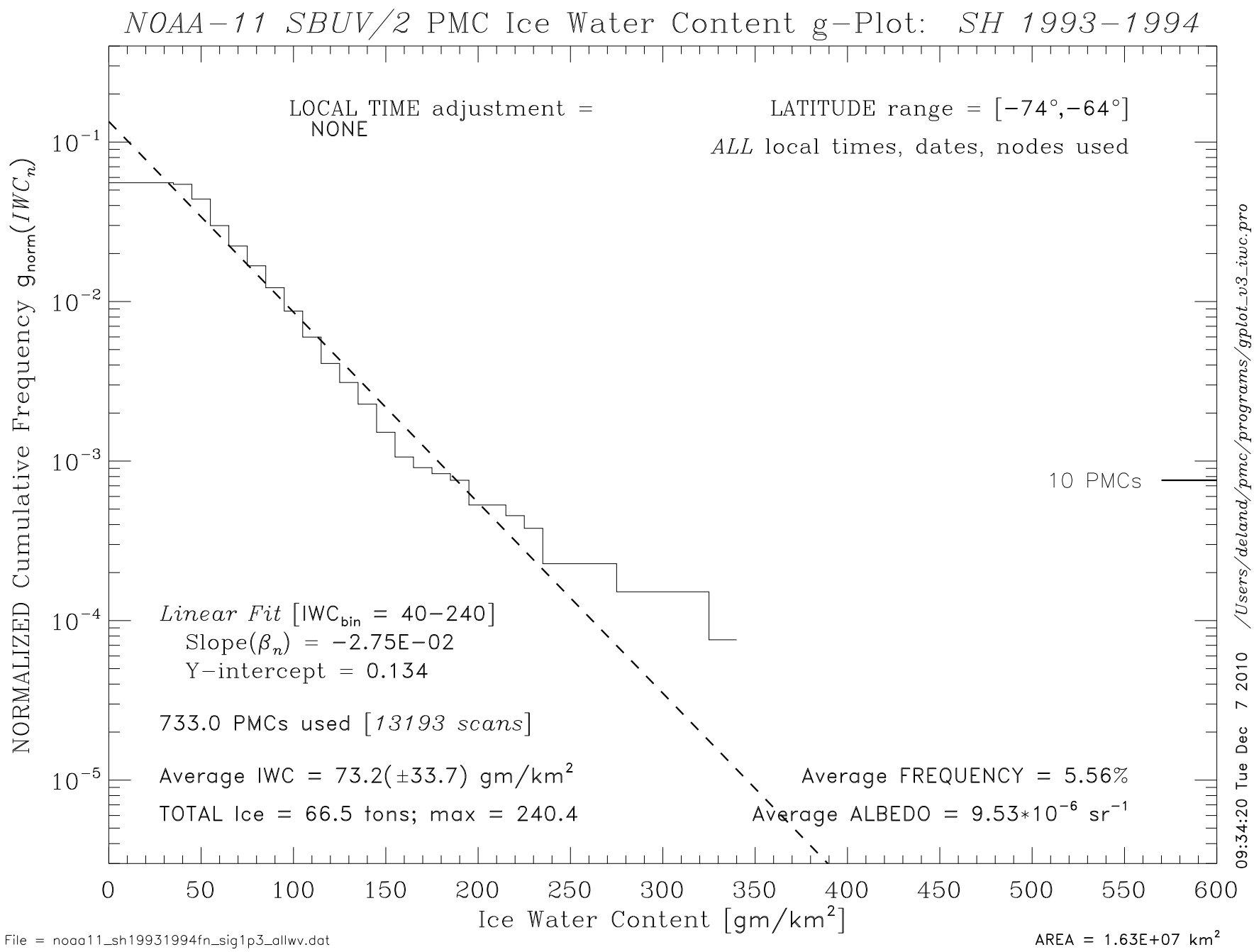

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1988−1989
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−230]
Slope(β_n) = −2.35E−02
Y−intercept = 0.081
283.0 PMCs used [9084 scans]
Average IWC = 84.9(±41.3) gm/km²
TOTAL Ice = 43.2 tons; max = 168.9
Average FREQUENCY = 3.12%
Average ALBEDO = 10.34*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
09:34:05 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19881989fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

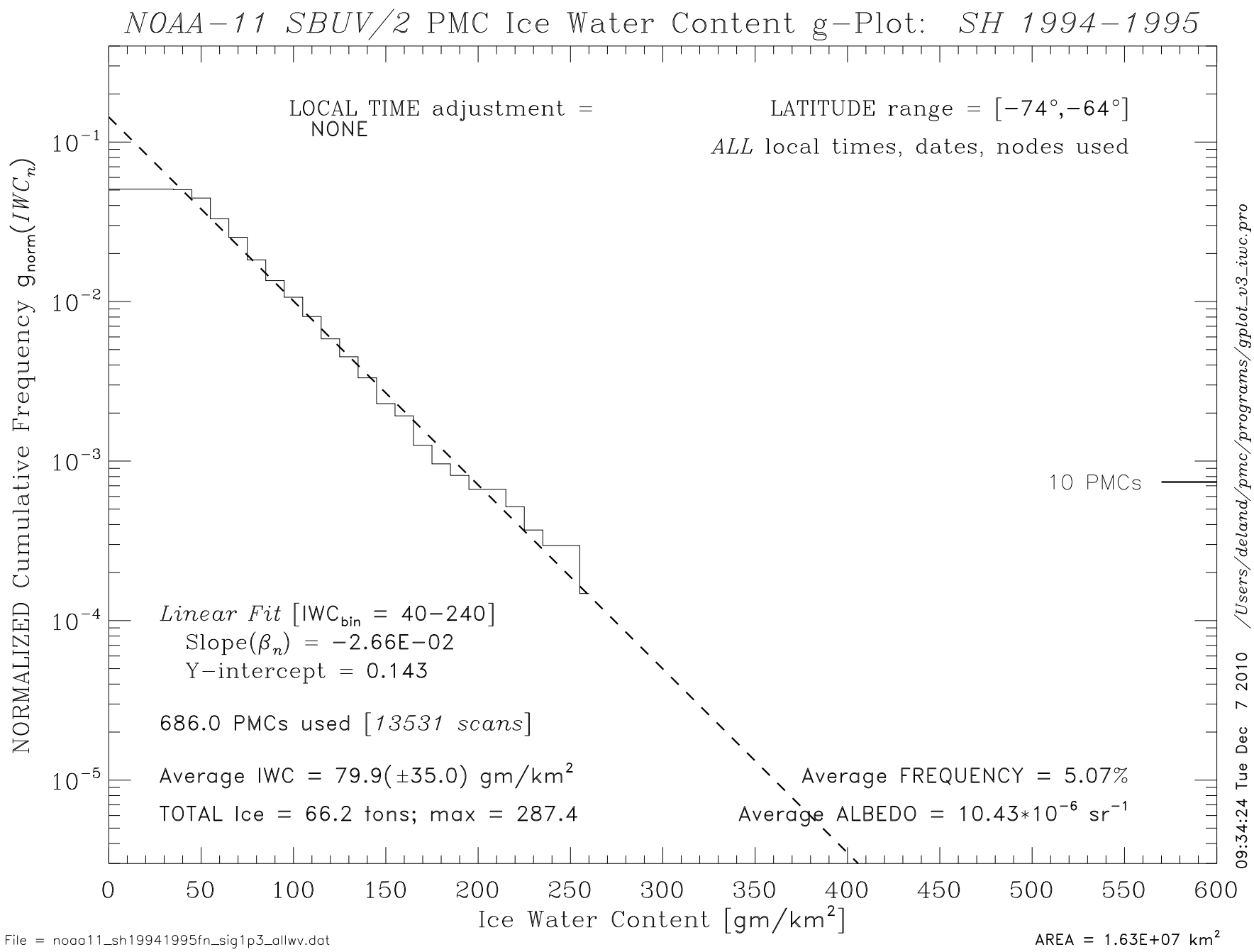

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1989−1990
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−230]
Slope(β_n) = −2.42E−02
Y−intercept = 0.066
248.0 PMCs used [10082 scans]
Average IWC = 84.5(±40.7) gm/km²
TOTAL Ice = 34.0 tons; max = 135.2
Average FREQUENCY = 2.46%
Average ALBEDO = 10.06*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:34:08 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19891990fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

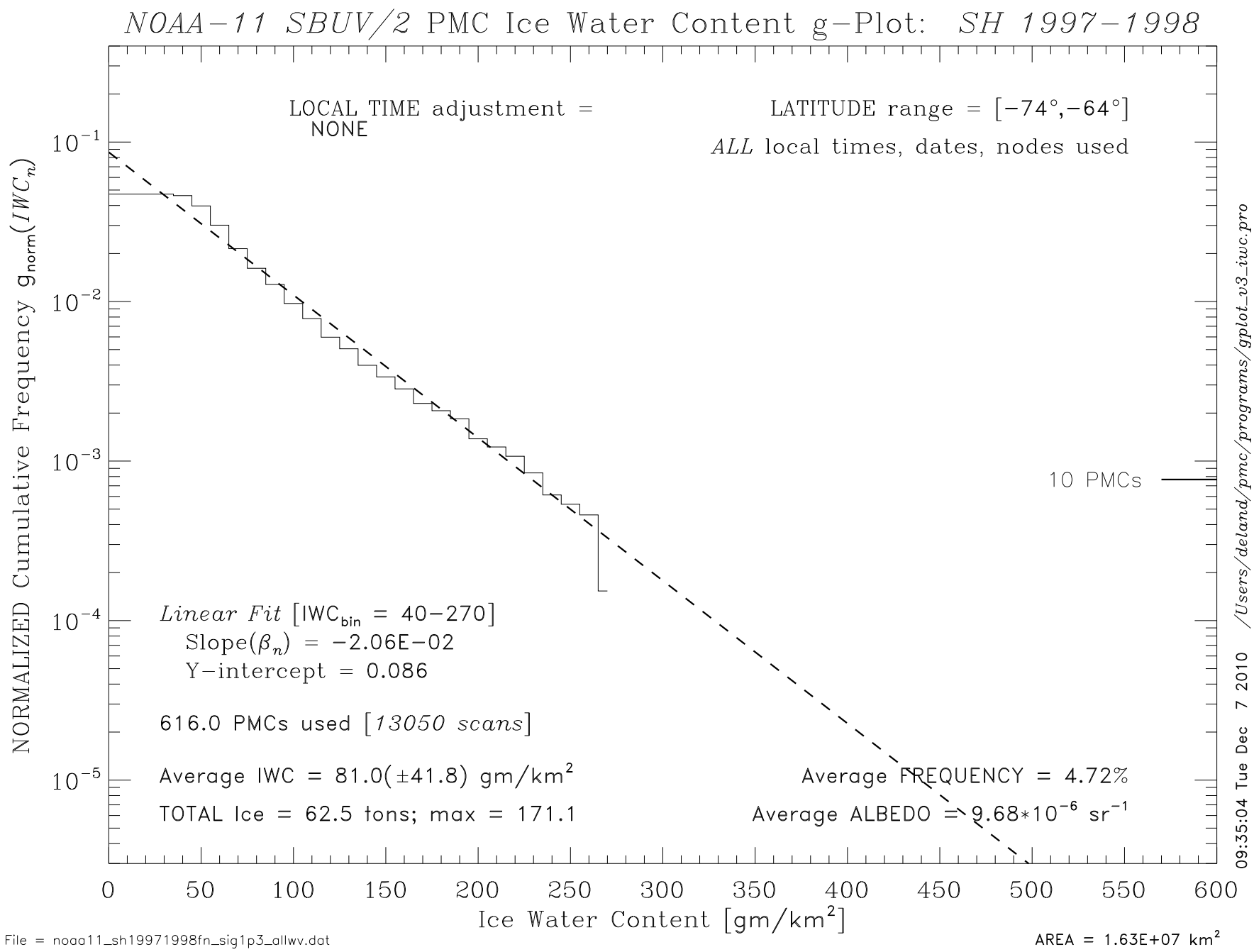

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1990−1991
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−150]
Slope(β_n) = −3.15E−02
Y−intercept = 0.047
111.0 PMCs used [9486 scans]
Average IWC = 77.7(±33.7) gm/km²
TOTAL Ice = 14.9 tons; max = 90.5
Average FREQUENCY = 1.17%
Average ALBEDO = 9.98*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:34:11 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19901991fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

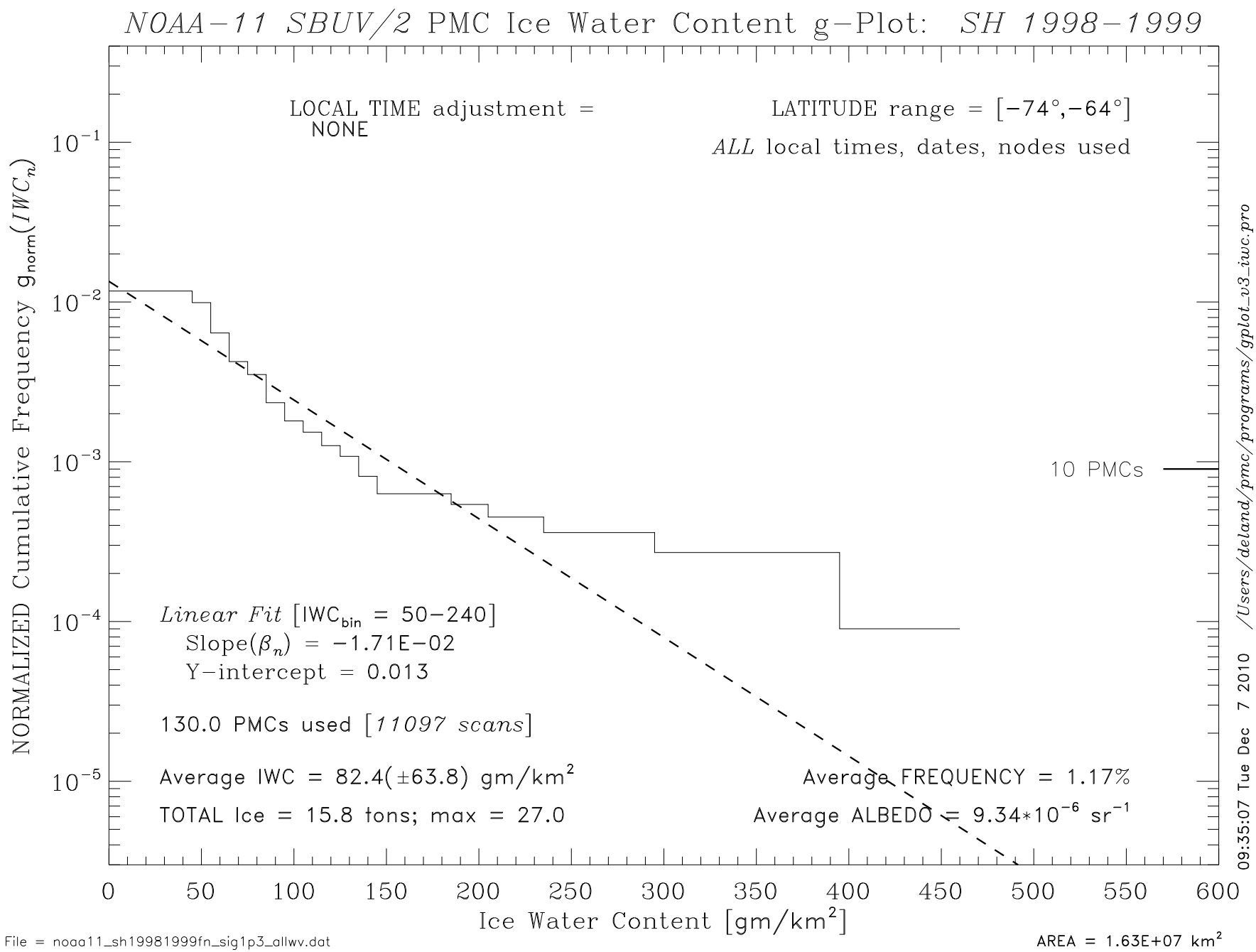

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1991−1992
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−190]
Slope(β_n) = −3.03E−02
Y−intercept = 0.082
226.0 PMCs used [10180 scans]
Average IWC = 77.6(±35.0) gm/km²
TOTAL Ice = 28.2 tons; max = 156.1
Average FREQUENCY = 2.22%
Average ALBEDO = 10.05*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:34:14 Tue Dec 7 2010
File = noaa11_sh19911992fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

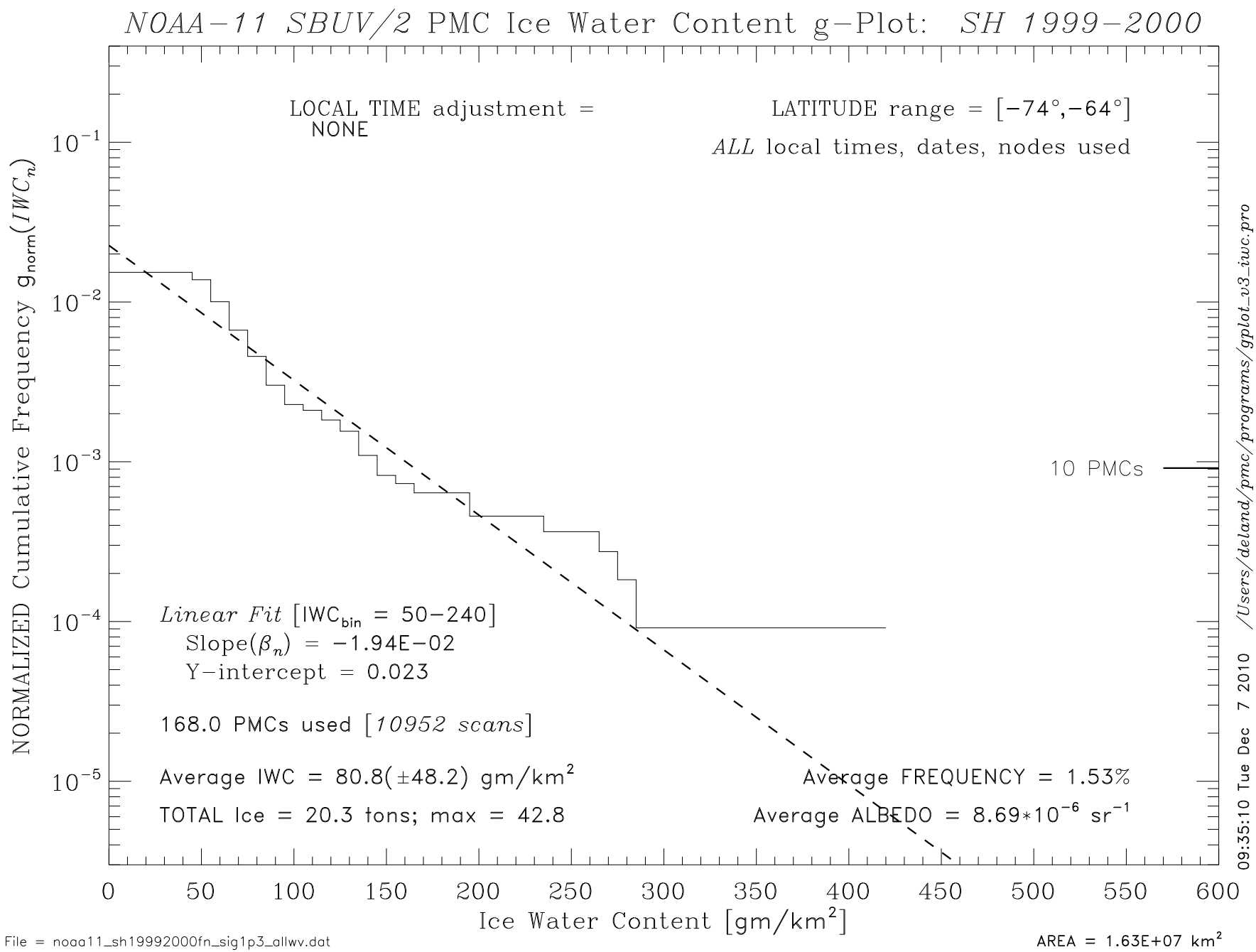

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1992−1993
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−150]
Slope(β_n) = −2.86E−02
Y−intercept = 0.030
105.0 PMCs used [11241 scans]
Average IWC = 77.9(±43.3) gm/km²
TOTAL Ice = 11.9 tons; max = 57.2
Average FREQUENCY = 0.93%
Average ALBEDO = 9.86*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:34:17 Tue Dec 7 2010
File = noaa11_sh19921993fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

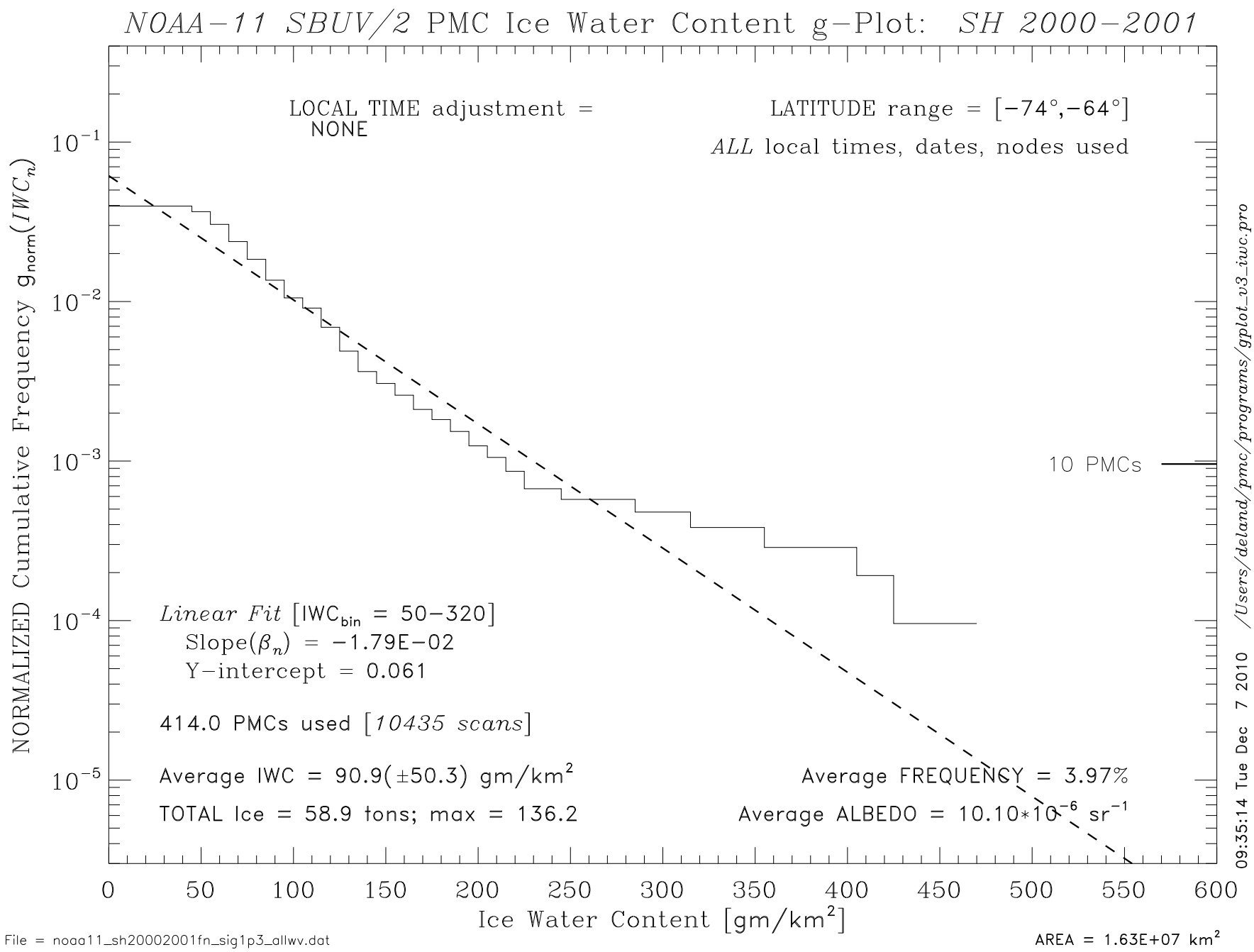

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1993−1994
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−240]
Slope(β_n) = −2.75E−02
Y−intercept = 0.134
733.0 PMCs used [13193 scans]
Average IWC = 73.2(±33.7) gm/km²
TOTAL Ice = 66.5 tons; max = 240.4
Average FREQUENCY = 5.56%
Average ALBEDO = 9.53*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
09:34:20 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_sh19931994fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

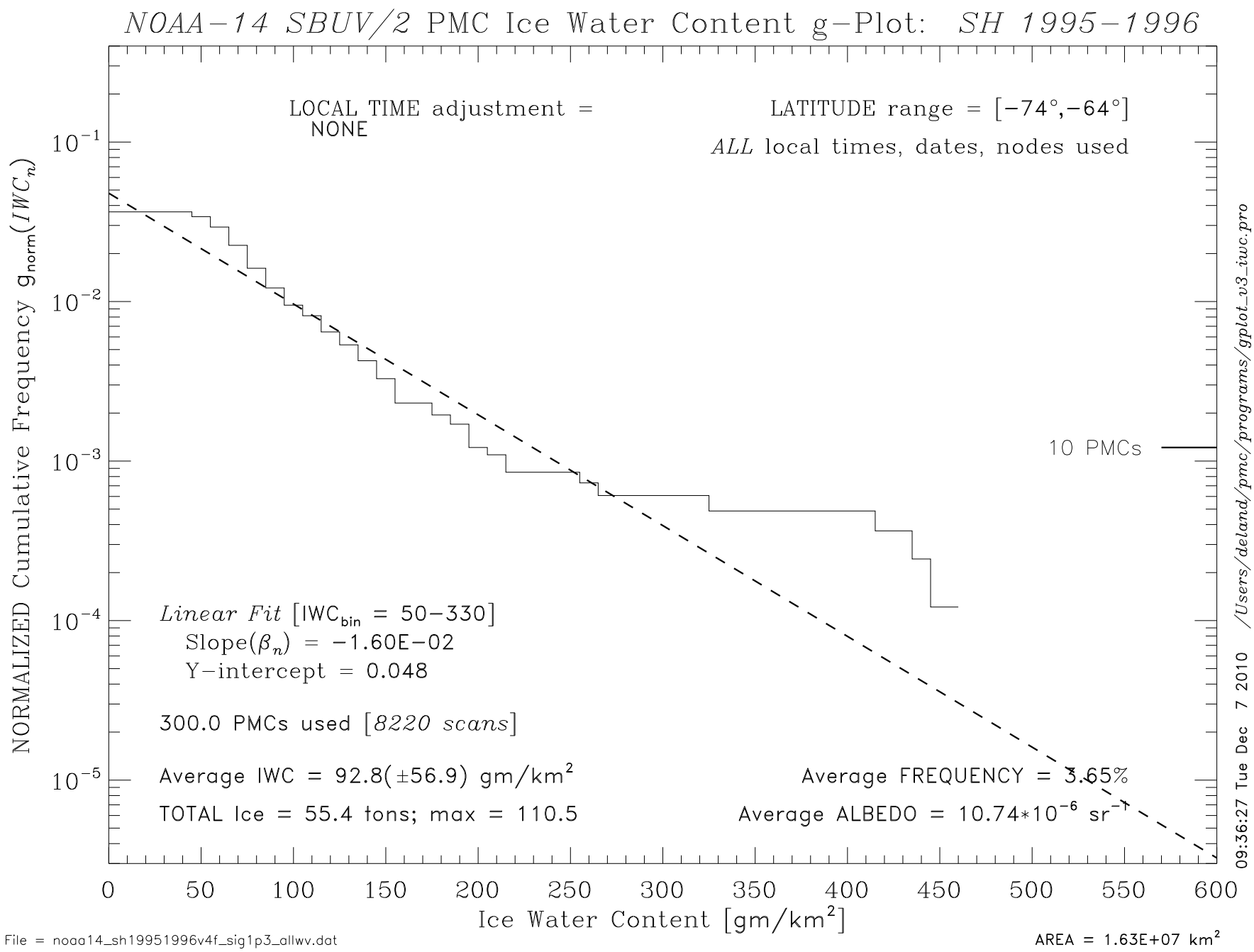

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1994−1995
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−240]
Slope(β_n) = −2.66E−02
Y−intercept = 0.143
686.0 PMCs used [13531 scans]
Average IWC = 79.9(±35.0) gm/km²
TOTAL Ice = 66.2 tons; max = 287.4
Average FREQUENCY = 5.07%
Average ALBEDO = 10.43*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:34:24 Tue Dec 7 2010
File = noaa11_sh19941995fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

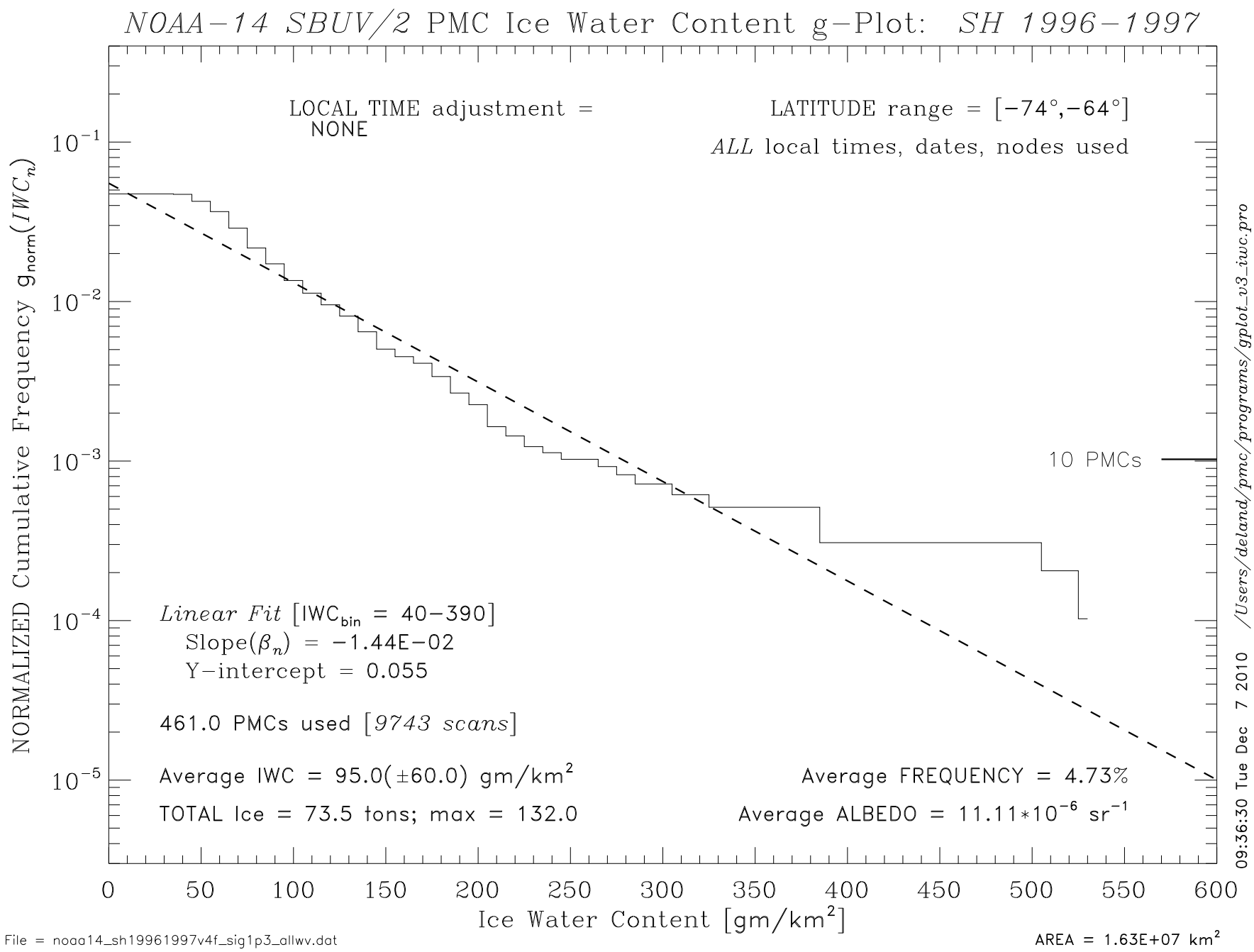

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1997−1998
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−270]
Slope(β_n) = −2.06E−02
Y−intercept = 0.086
616.0 PMCs used [13050 scans]
Average IWC = 81.0(±41.8) gm/km²
TOTAL Ice = 62.5 tons; max = 171.1
Average FREQUENCY = 4.72%
Average ALBEDO = 9.68*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:35:04 Tue Dec 7 2010
File = noaa11_sh19971998fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

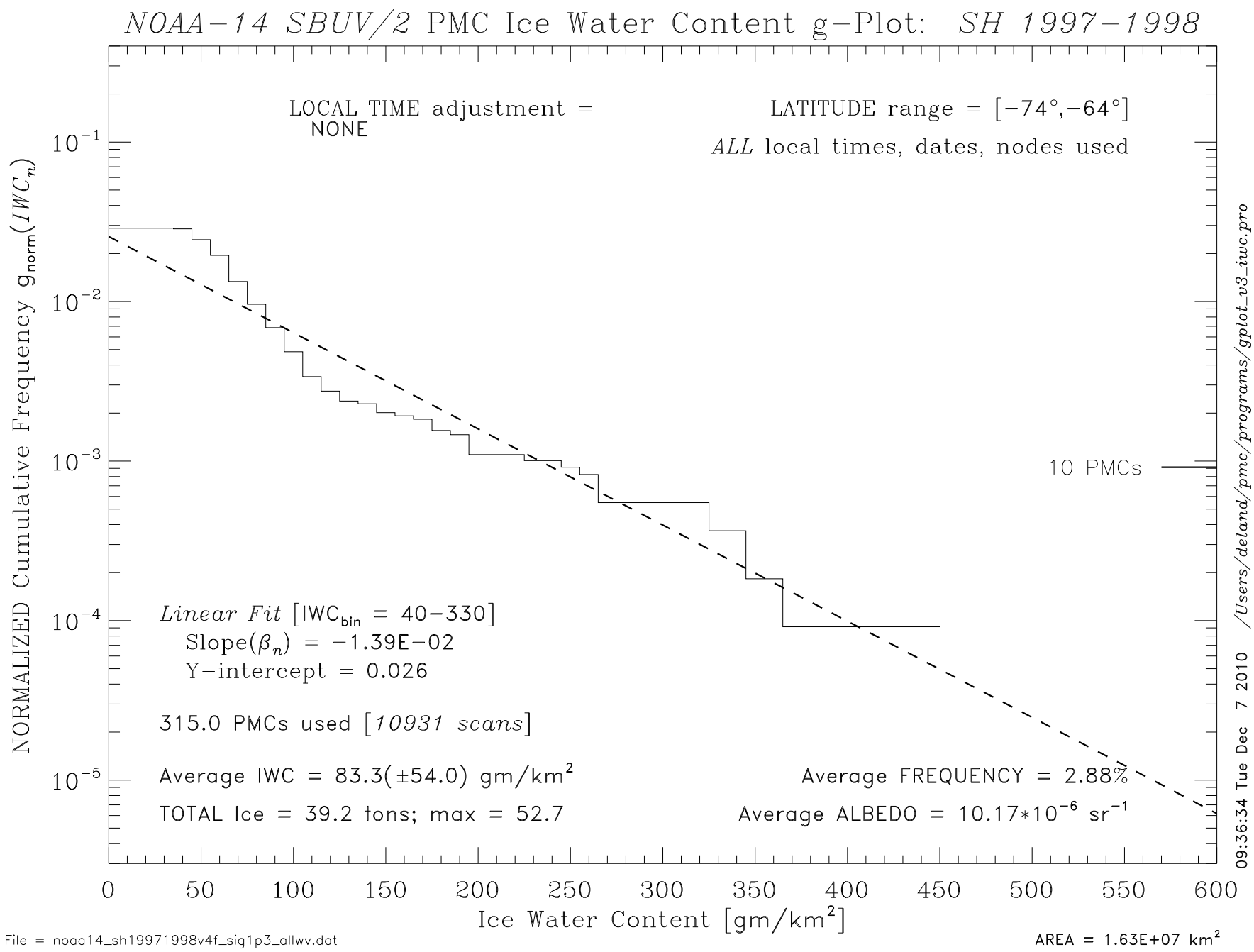

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1998−1999
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−240]
Slope(β_n) = −1.71E−02
Y−intercept = 0.013
130.0 PMCs used [11097 scans]
Average IWC = 82.4(±63.8) gm/km²
TOTAL Ice = 15.8 tons; max = 27.0
Average FREQUENCY = 1.17%
Average ALBEDO = 9.34*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:35:07 Tue Dec 7 2010
File = noaa11_sh19981999fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

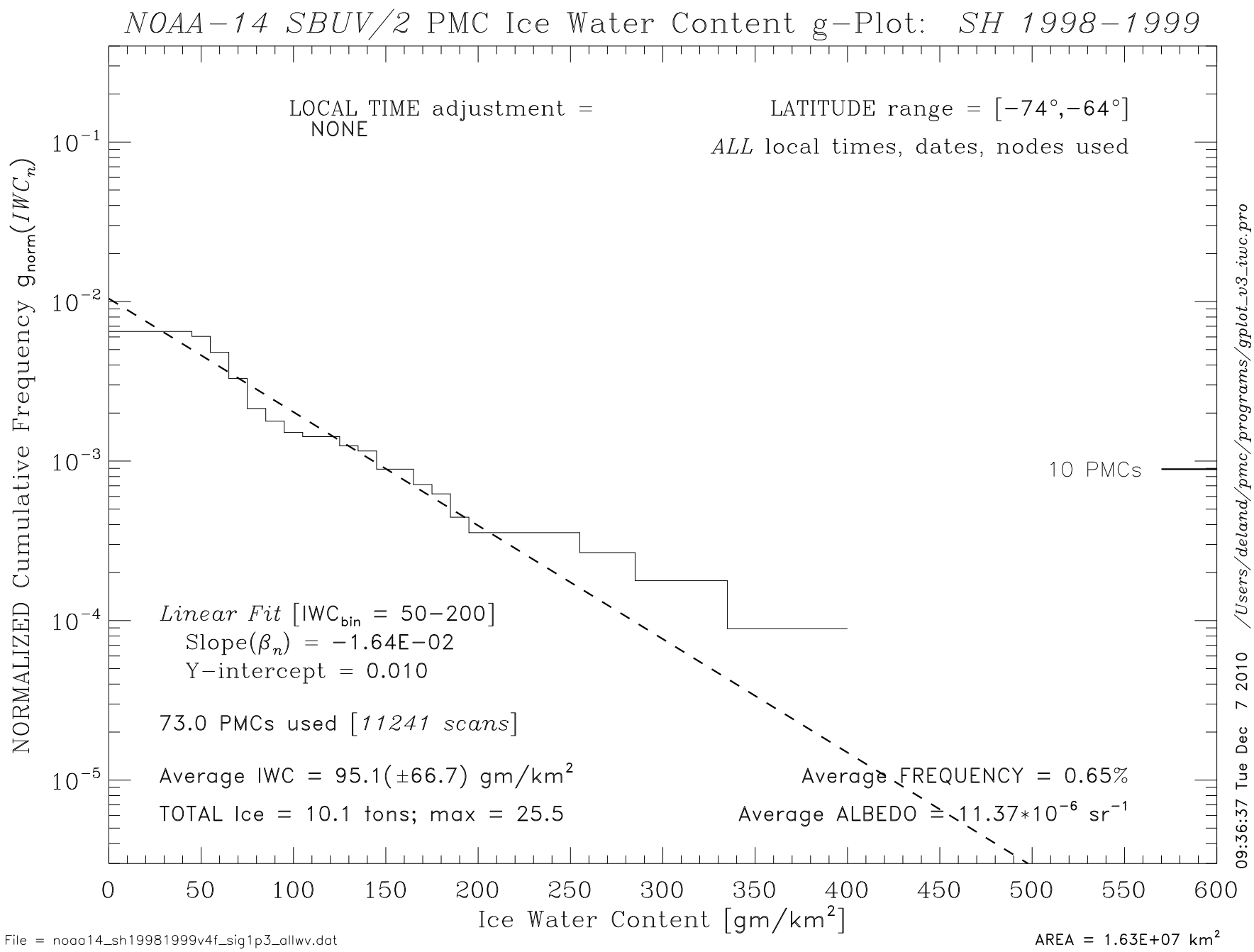

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 1999−2000
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−240]
Slope(β_n) = −1.94E−02
Y−intercept = 0.023
168.0 PMCs used [10952 scans]
Average IWC = 80.8(±48.2) gm/km²
TOTAL Ice = 20.3 tons; max = 42.8
Average FREQUENCY = 1.53%
Average ALBEDO = 8.69*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:35:10 Tue Dec 7 2010
File = noaa11_sh19992000fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

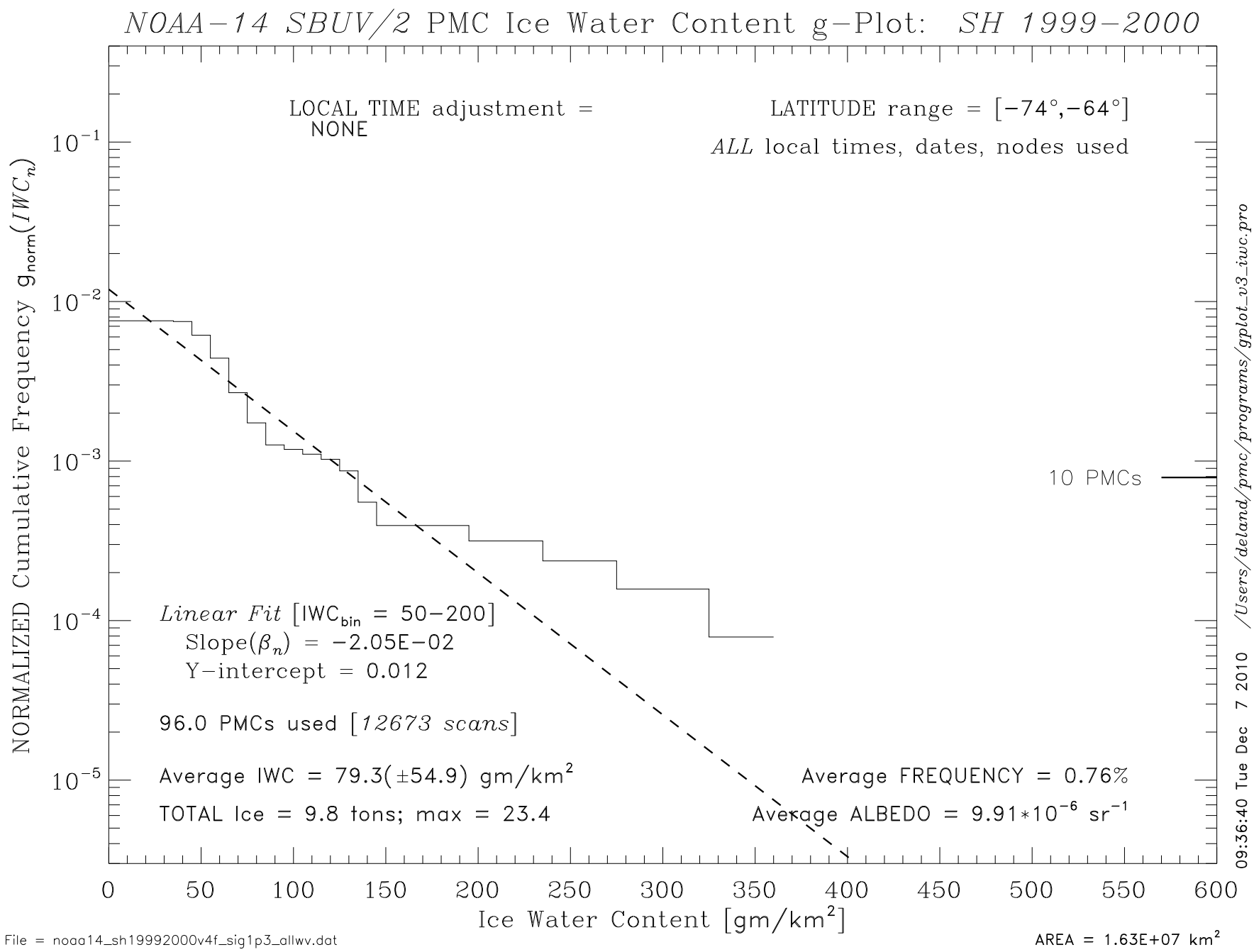

NOAA−11 SBUV/2 PMC Ice Water Content g−Plot: SH 2000−2001
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−320]
Slope(β_n) = −1.79E−02
Y−intercept = 0.061
414.0 PMCs used [10435 scans]
Average IWC = 90.9(±50.3) gm/km²
TOTAL Ice = 58.9 tons; max = 136.2
Average FREQUENCY = 3.97%
Average ALBEDO = 10.10*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:35:14 Tue Dec 7 2010
File = noaa11_sh20002001fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

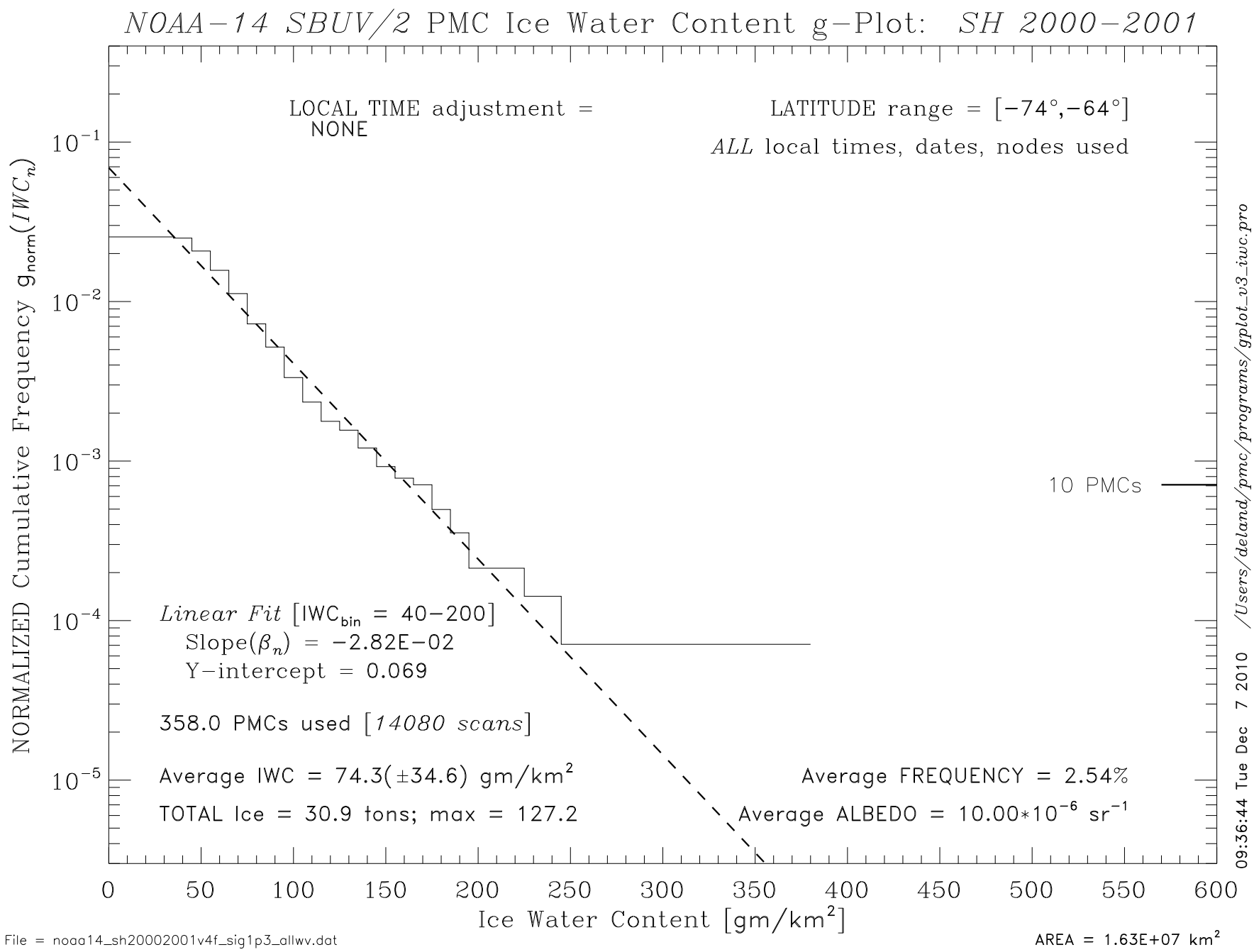

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1995−1996
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−330]
Slope(β_n) = −1.60E−02
Y−intercept = 0.048
300.0 PMCs used [8220 scans]
Average IWC = 92.8(±56.9) gm/km²
TOTAL Ice = 55.4 tons; max = 110.5
Average FREQUENCY = 3.65%
Average ALBEDO = 10.74*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
09:36:27 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_sh19951996v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

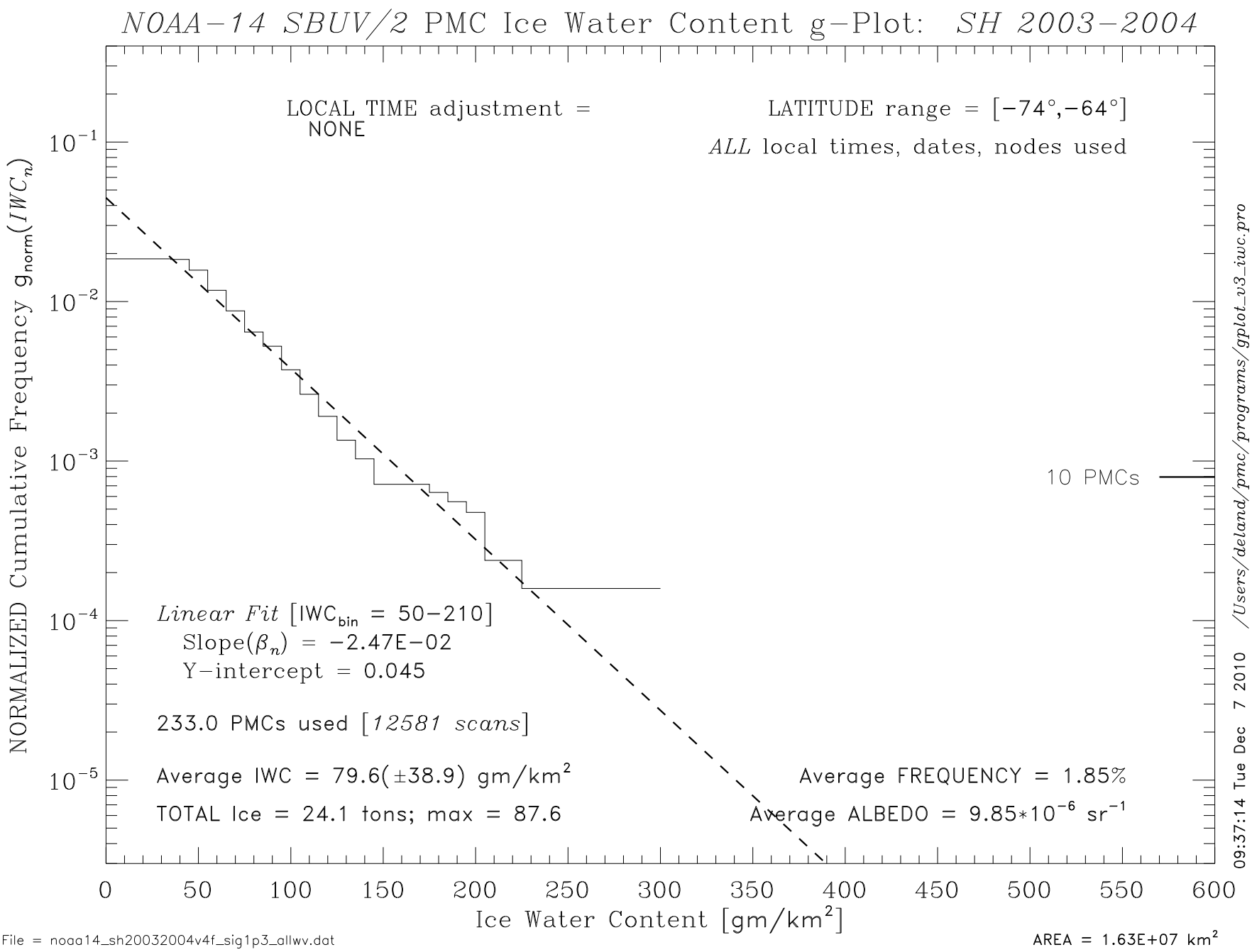

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1996−1997
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−390]
Slope(β_n) = −1.44E−02
Y−intercept = 0.055
461.0 PMCs used [9743 scans]
Average IWC = 95.0(±60.0) gm/km²
TOTAL Ice = 73.5 tons; max = 132.0
Average FREQUENCY = 4.73%
Average ALBEDO = 11.11*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:36:30 Tue Dec 7 2010
File = noaa14_sh19961997v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

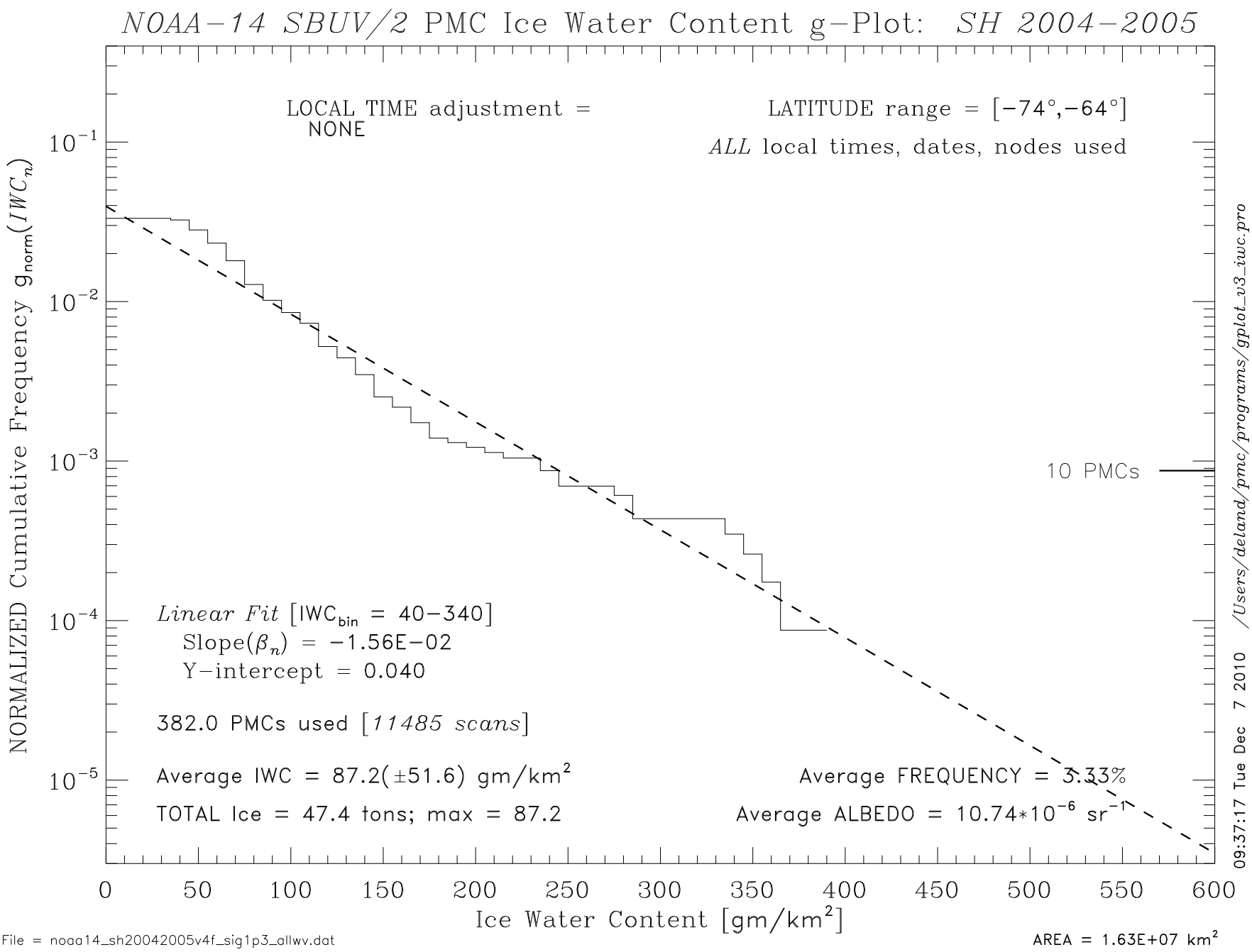

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1997−1998
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−330]
Slope(β_n) = −1.39E−02
Y−intercept = 0.026
315.0 PMCs used [10931 scans]
Average IWC = 83.3(±54.0) gm/km²
TOTAL Ice = 39.2 tons; max = 52.7
Average FREQUENCY = 2.88%
Average ALBEDO = 10.17*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:36:34 Tue Dec 7 2010
File = noaa14_sh19971998v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

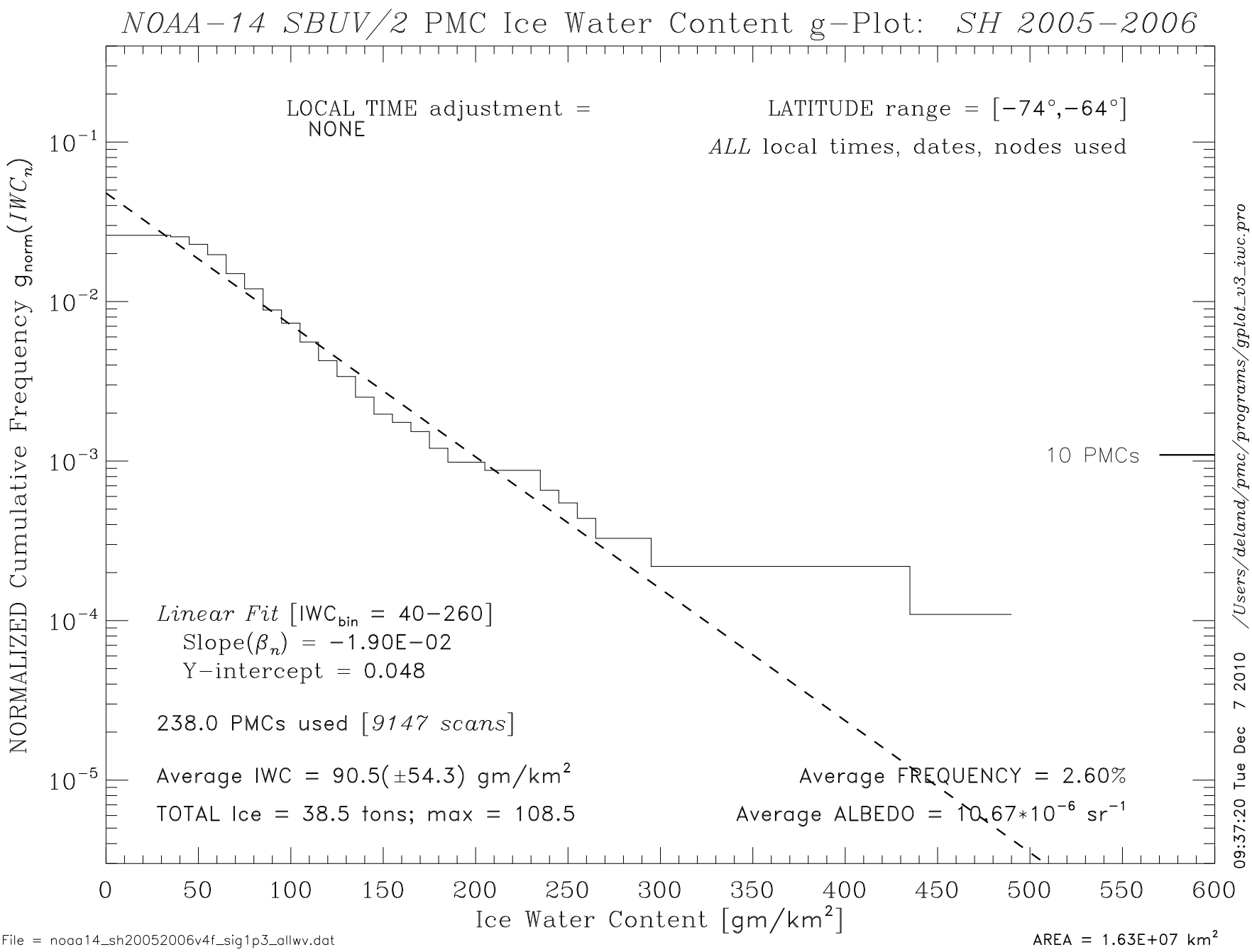

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1998−1999
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−200]
Slope(β_n) = −1.64E−02
Y−intercept = 0.010
73.0 PMCs used [11241 scans]
Average IWC = 95.1(±66.7) gm/km²
TOTAL Ice = 10.1 tons; max = 25.5
Average FREQUENCY = 0.65%
Average ALBEDO ≥ 11.37*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:36:37 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_sh19981999v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

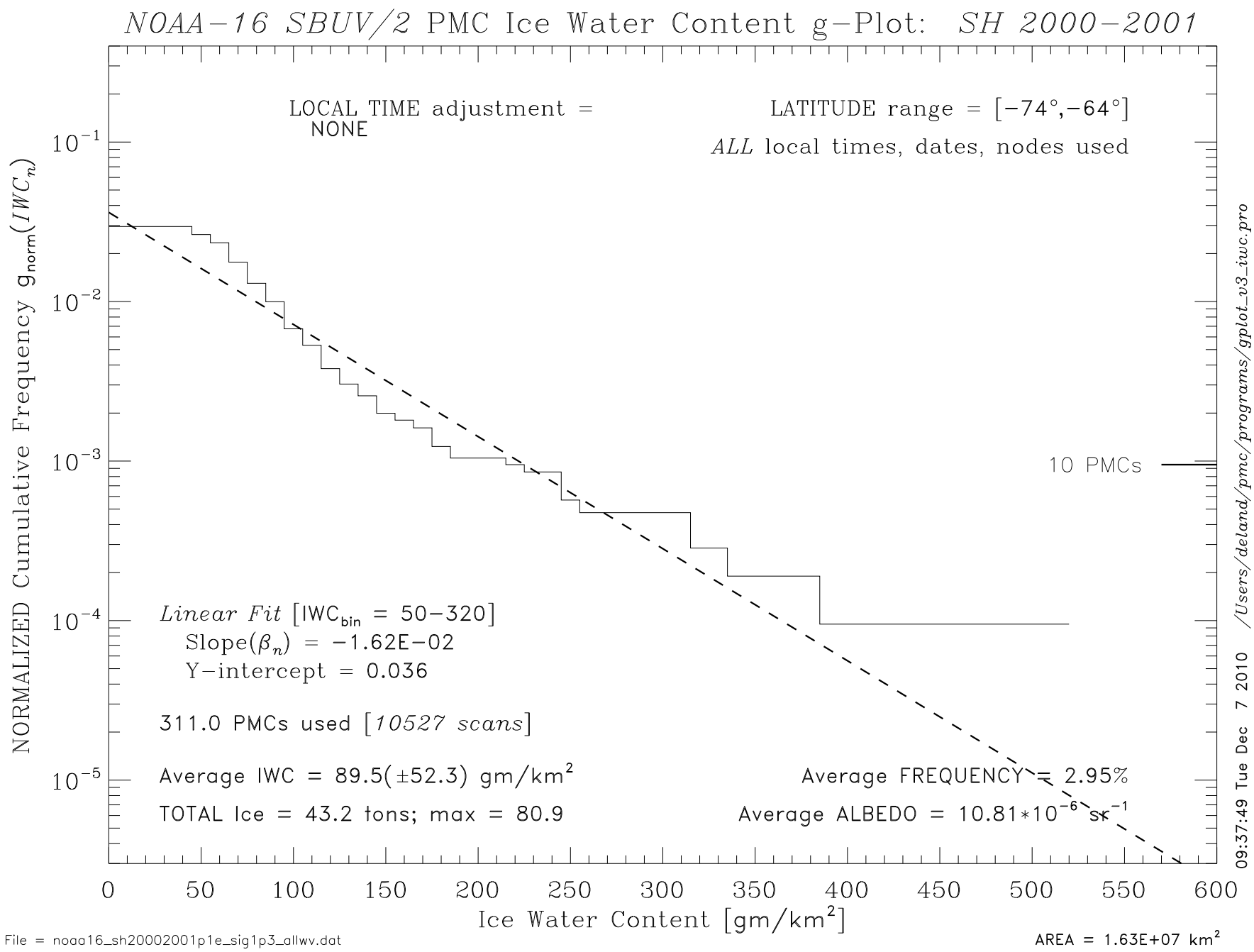

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 1999−2000
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−200]
Slope(β_n) = −2.05E−02
Y−intercept = 0.012
96.0 PMCs used [12673 scans]
Average IWC = 79.3(±54.9) gm/km²
TOTAL Ice = 9.8 tons; max = 23.4
Average FREQUENCY = 0.76%
Average ALBEDO = 9.91*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:36:40 Tue Dec 7 2010
File = noaa14_sh19992000v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

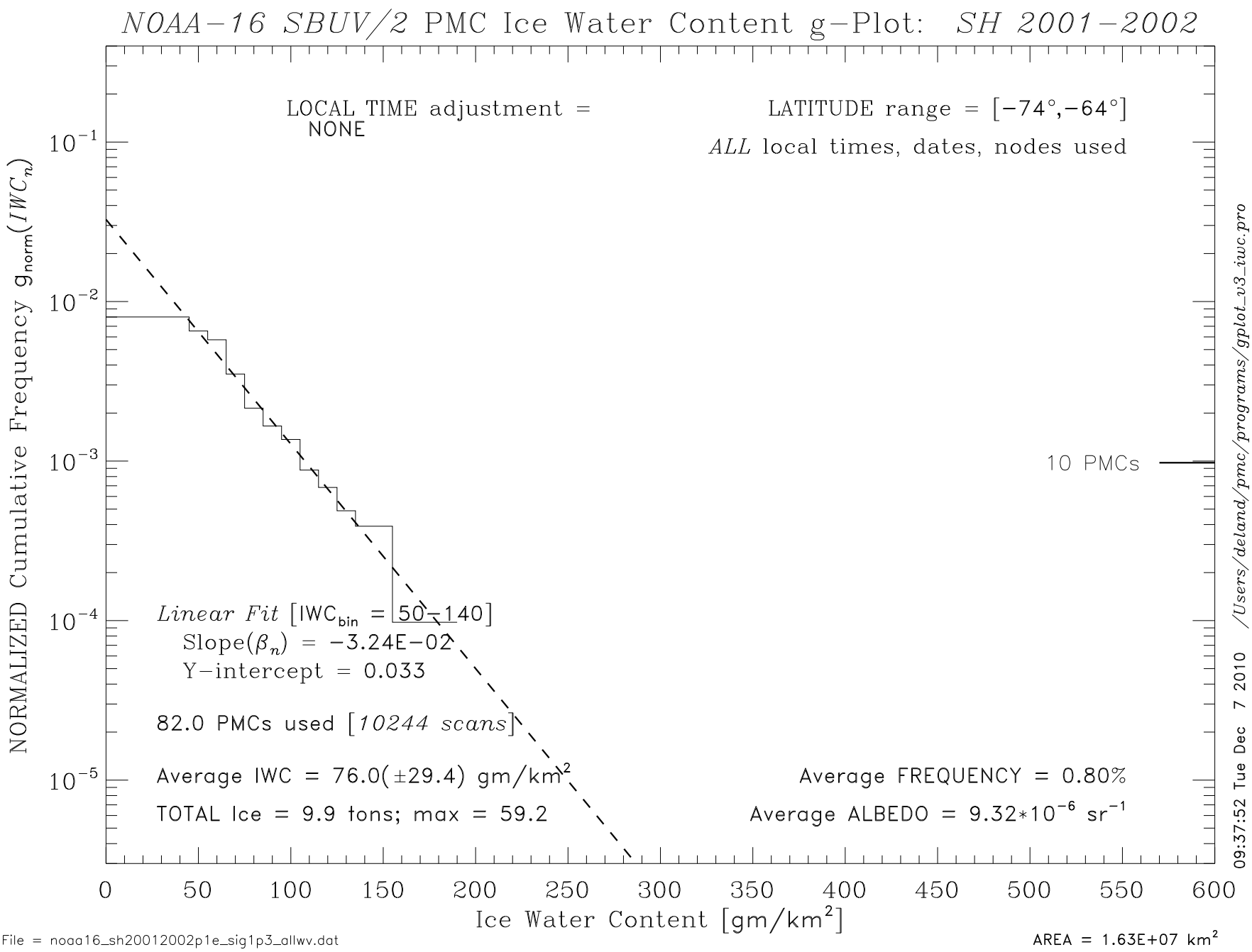

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 2000−2001
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−200]
Slope(β_n) = −2.82E−02
Y−intercept = 0.069
358.0 PMCs used [14080 scans]
Average IWC = 74.3(±34.6) gm/km²
TOTAL Ice = 30.9 tons; max = 127.2
Average FREQUENCY = 2.54%
Average ALBEDO = 10.00*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:36:44 Tue Dec 7 2010
File = noaa14_sh20002001v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

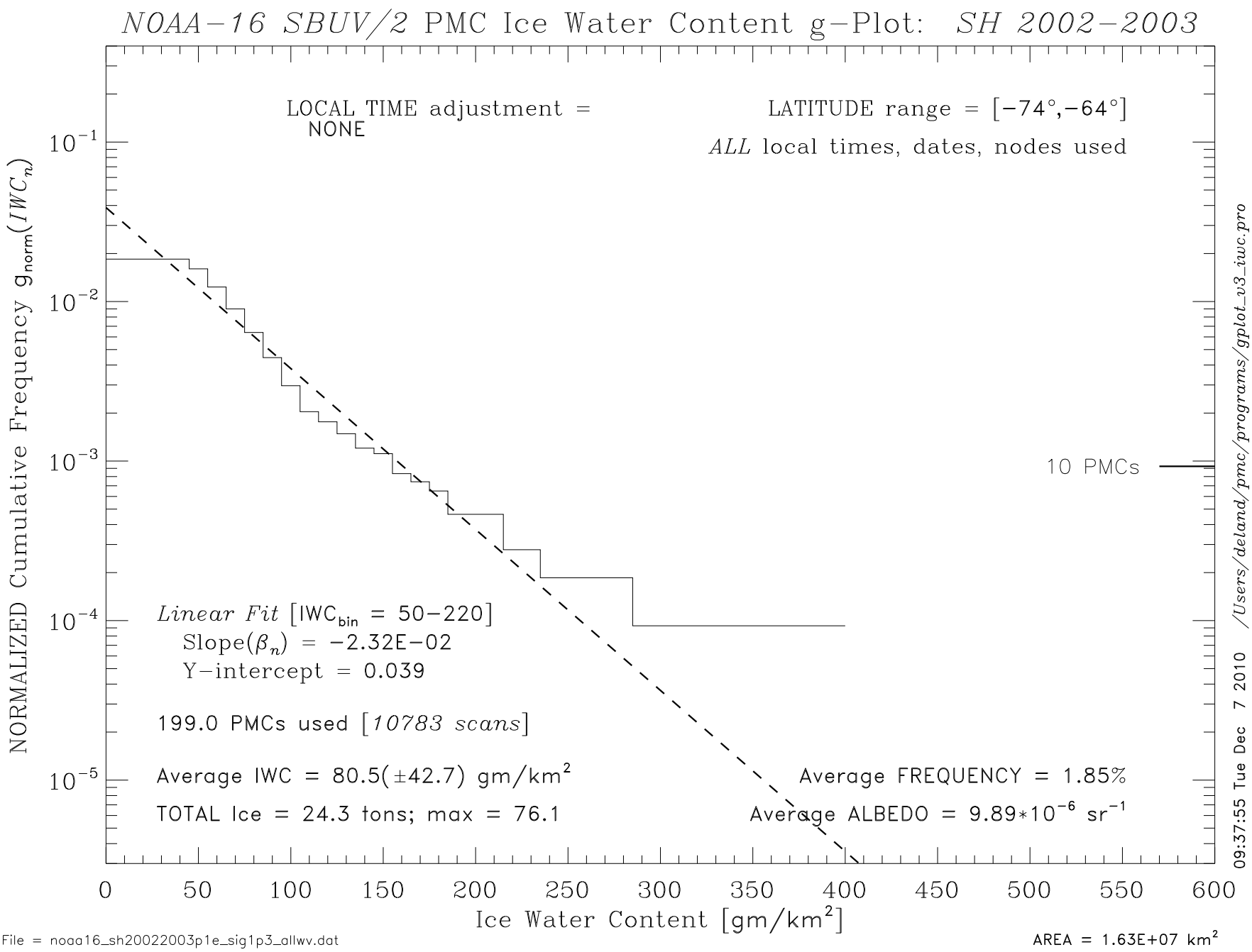

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 2003−2004
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−210]
Slope(β_n) = −2.47E−02
Y−intercept = 0.045
233.0 PMCs used [12581 scans]
Average IWC = 79.6(±38.9) gm/km²
TOTAL Ice = 24.1 tons; max = 87.6
Average FREQUENCY = 1.85%
Average ALBEDO = 9.85*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:37:14 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_sh20032004v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

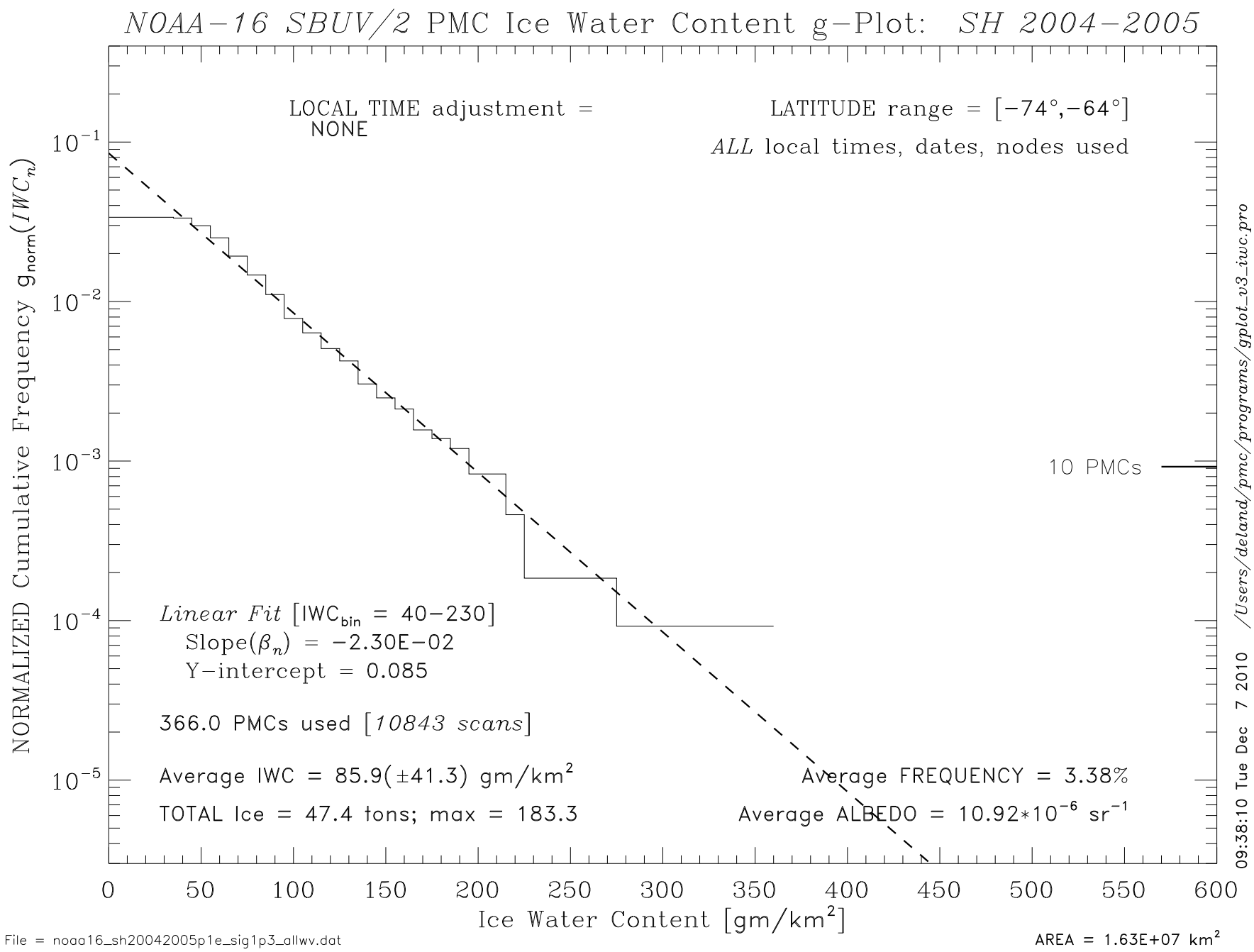

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 2004−2005
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−340]
Slope(β_n) = −1.56E−02
Y−intercept = 0.040
382.0 PMCs used [11485 scans]
Average IWC = 87.2(±51.6) gm/km²
TOTAL Ice = 47.4 tons; max = 87.2
Average FREQUENCY = 3.33%
Average ALBEDO = 10.74*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:37:17 Tue Dec 7 2010
File = noaa14_sh20042005v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

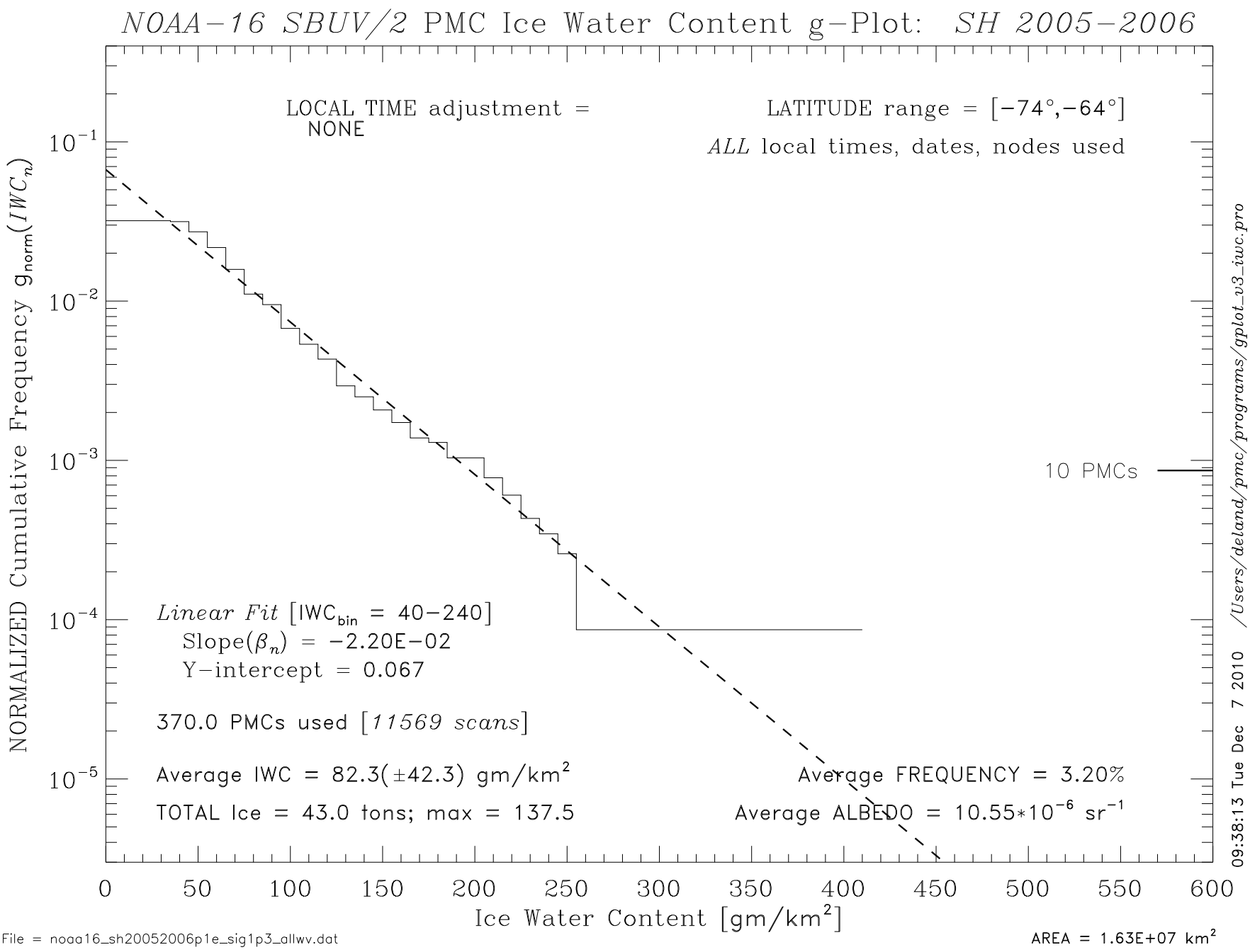

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: SH 2005−2006
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−260]
Slope(β_n) = −1.90E−02
Y−intercept = 0.048
238.0 PMCs used [9147 scans]
Average IWC = 90.5(±54.3) gm/km²
TOTAL Ice = 38.5 tons; max = 108.5
Average FREQUENCY = 2.60%
Average ALBEDO = 10.67*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:37:20 Tue Dec 7 2010
File = noaa14_sh20052006v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

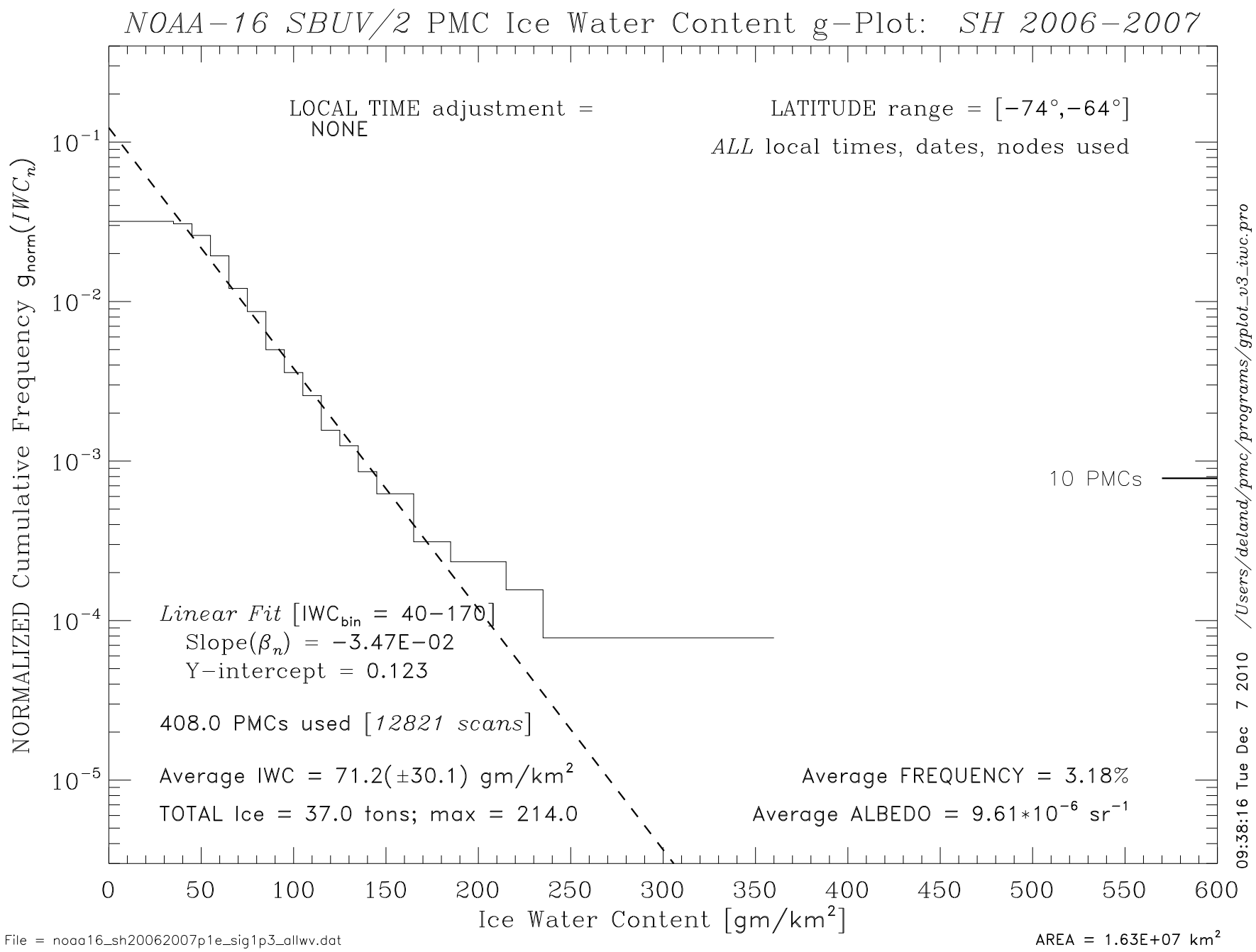

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2000−2001
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−320]
Slope(β_n) = −1.62E−02
Y−intercept = 0.036
311.0 PMCs used [10527 scans]
Average IWC = 89.5(±52.3) gm/km²
TOTAL Ice = 43.2 tons; max = 80.9
Average FREQUENCY = 2.95%
Average ALBEDO = 10.81*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:37:49 Tue Dec 7 2010
File = noaa16_sh20002001p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

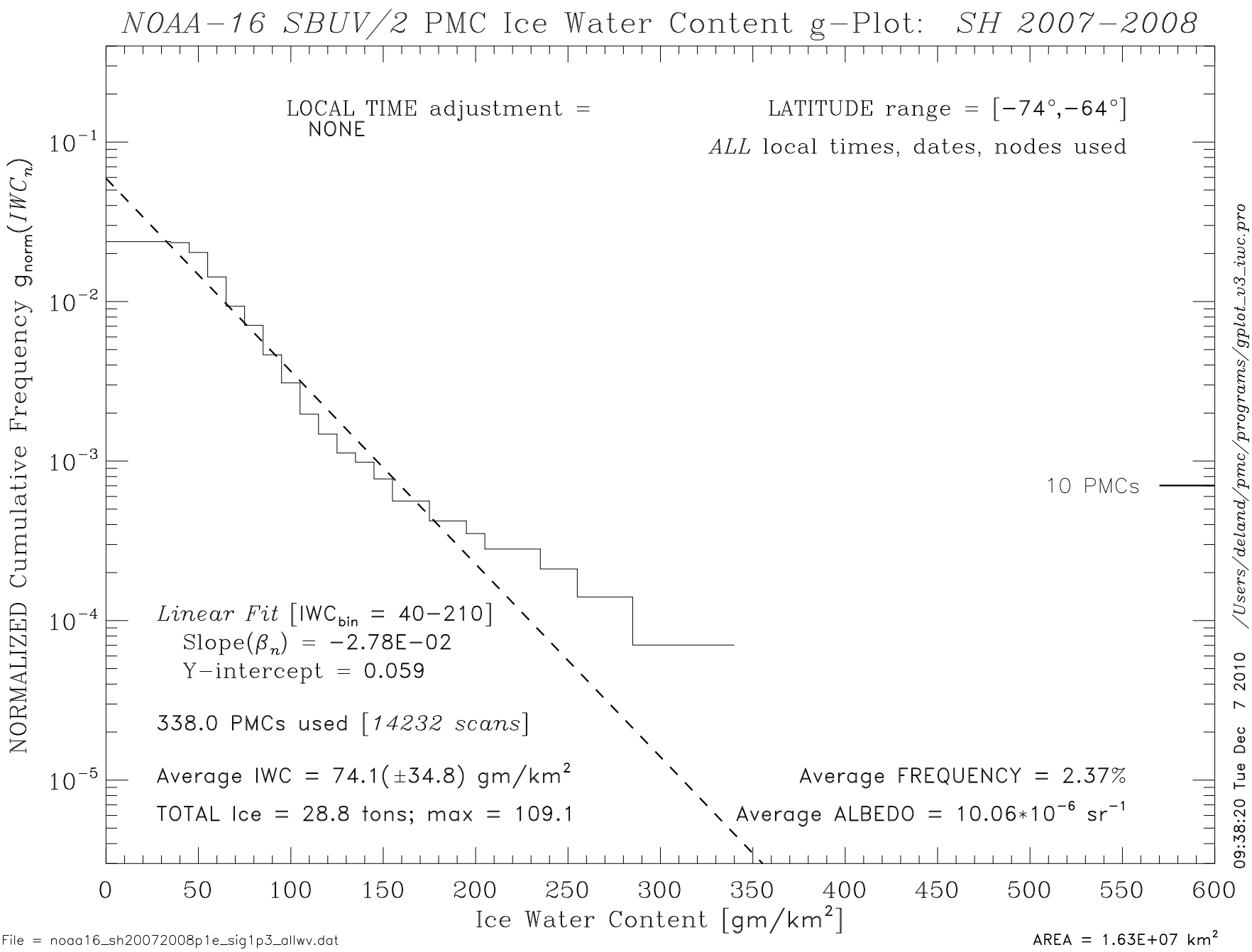

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2001−2002
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−140]
Slope(β_n) = −3.24E−02
Y−intercept = 0.033
82.0 PMCs used [10244 scans]
Average IWC = 76.0(±29.4) gm/km²
TOTAL Ice = 9.9 tons; max = 59.2
Average FREQUENCY = 0.80%
Average ALBEDO = 9.32*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:37:52 Tue Dec 7 2010
File = noaa16_sh20012002p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

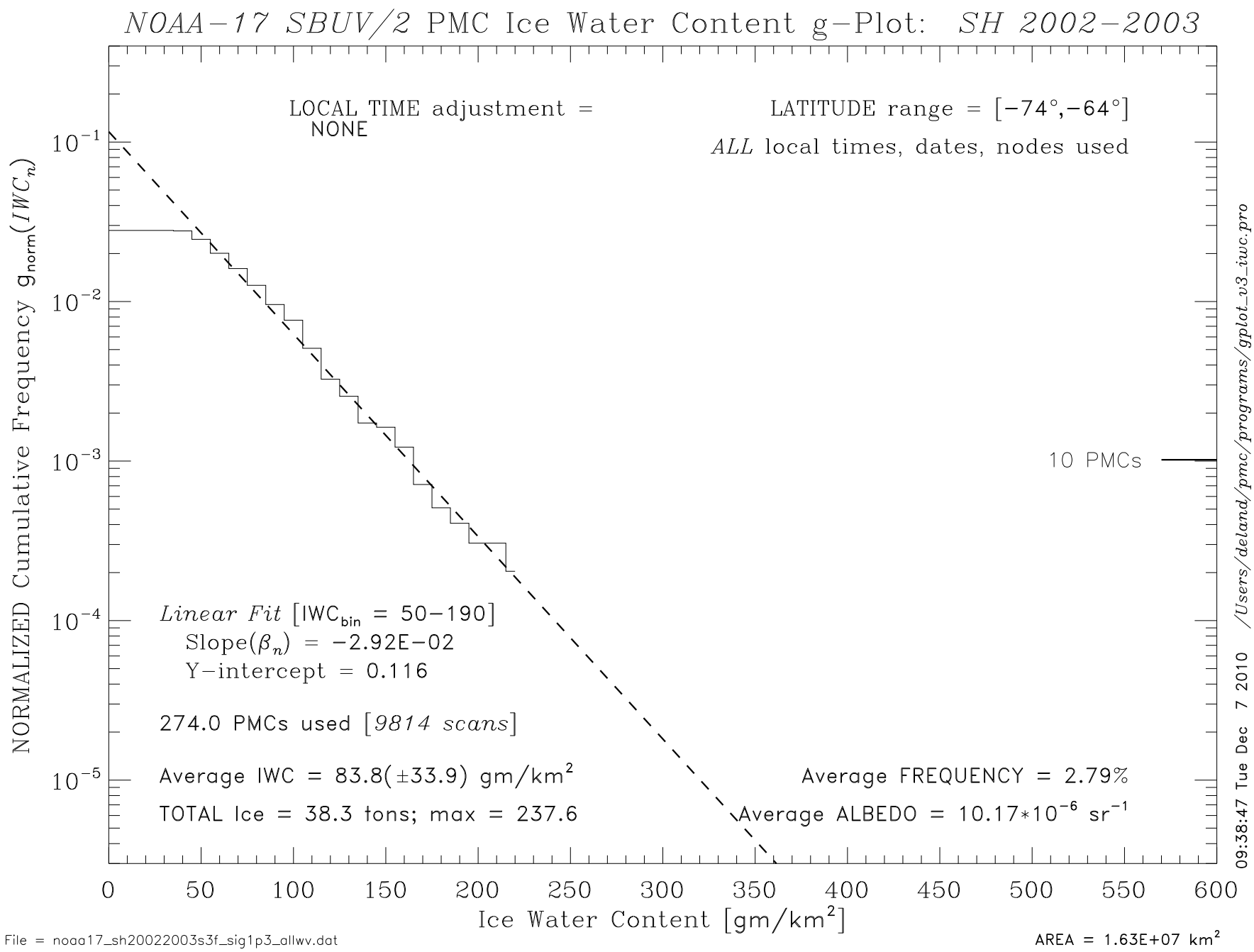

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2002−2003
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−220]
Slope(β_n) = −2.32E−02
Y−intercept = 0.039
199.0 PMCs used [10783 scans]
Average IWC = 80.5(±42.7) gm/km²
TOTAL Ice = 24.3 tons; max = 76.1
Average FREQUENCY = 1.85%
Average ALBEDO = 9.89*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:37:55 Tue Dec 7 2010
File = noaa16_sh20022003p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

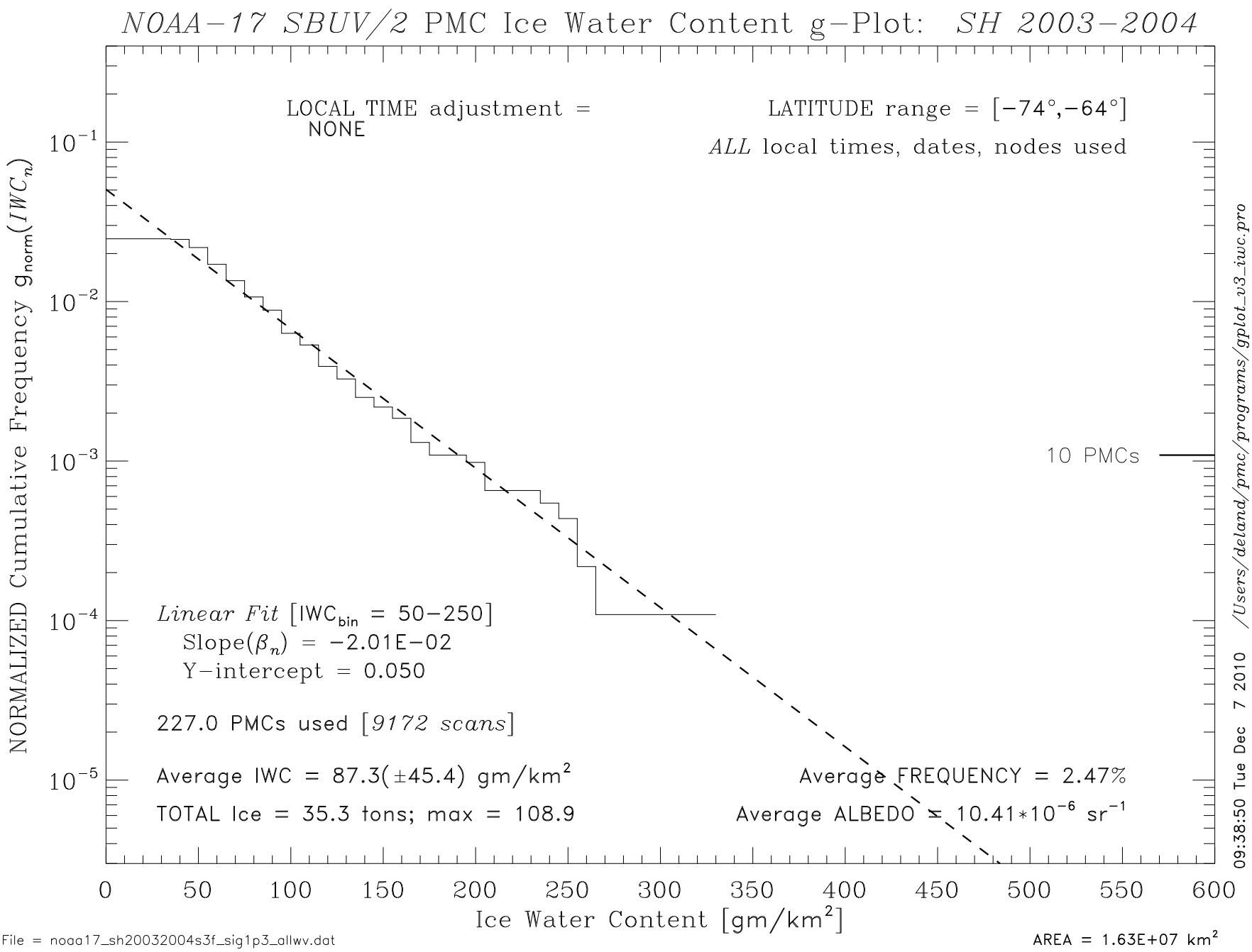

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2004−2005
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−230]
Slope(β_n) = −2.30E−02
Y−intercept = 0.085
366.0 PMCs used [10843 scans]
Average IWC = 85.9(±41.3) gm/km²
TOTAL Ice = 47.4 tons; max = 183.3
Average FREQUENCY = 3.38%
Average ALBEDO = 10.92*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:38:10 Tue Dec 7 2010
File = noaa16_sh20042005p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

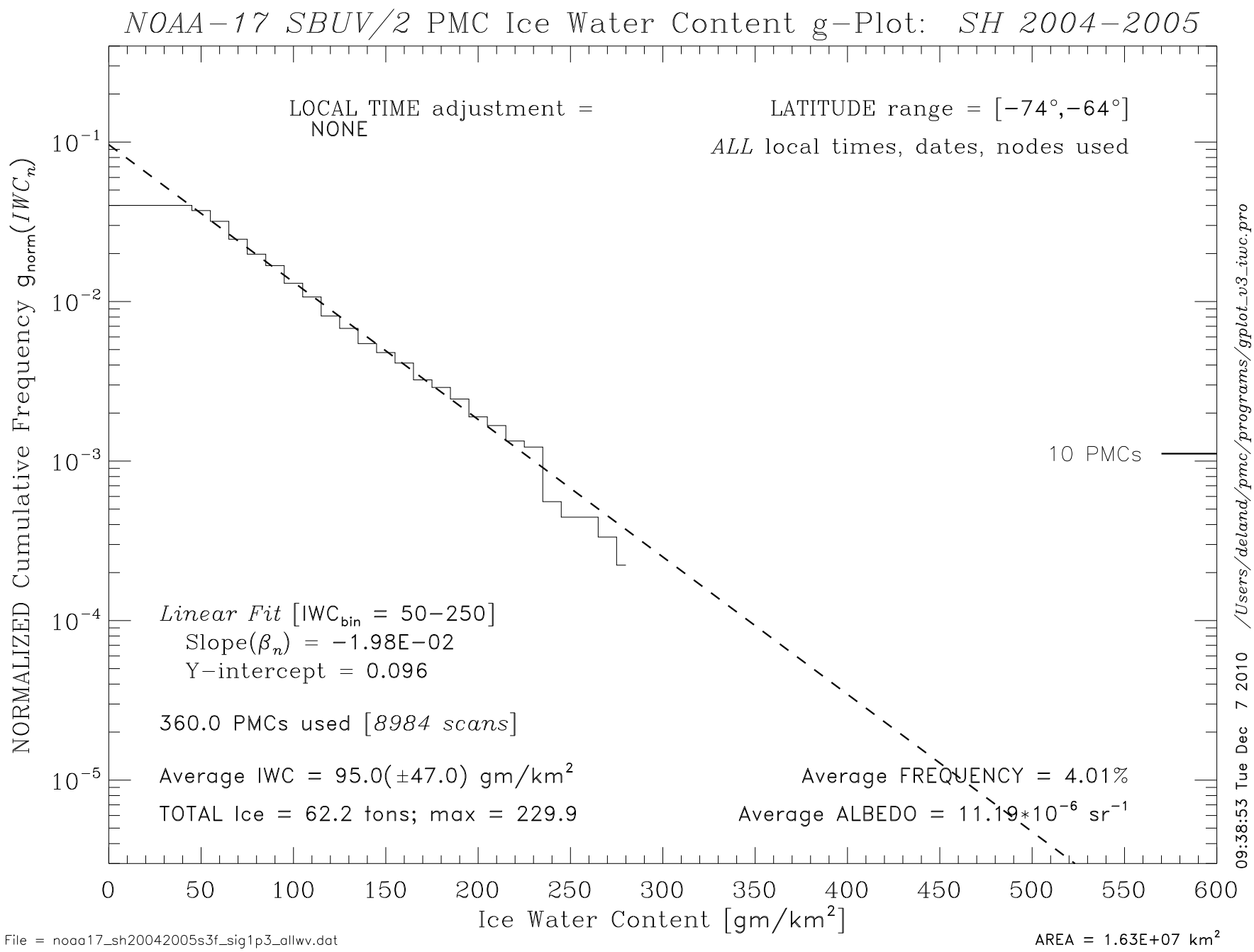

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2005−2006
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−240]
Slope(β_n) = −2.20E−02
Y−intercept = 0.067
370.0 PMCs used [11569 scans]
Average IWC = 82.3(±42.3) gm/km²
TOTAL Ice = 43.0 tons; max = 137.5
Average FREQUENCY = 3.20%
Average ALBEDO = 10.55*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:38:13 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_sh20052006p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

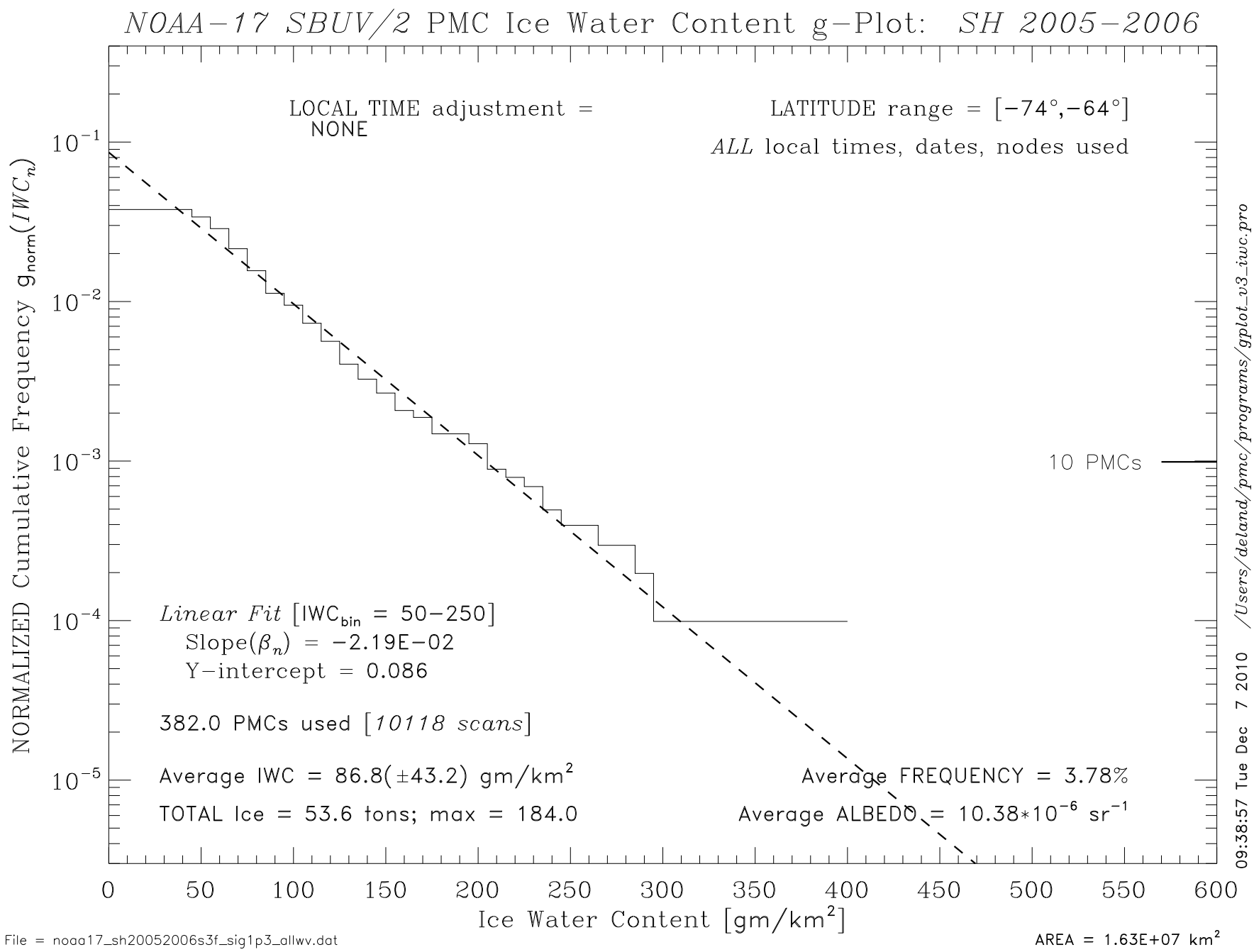

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2006−2007
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−170]
Slope(β_n) = −3.47E−02
Y−intercept = 0.123
408.0 PMCs used [12821 scans]
Average IWC = 71.2(±30.1) gm/km²
TOTAL Ice = 37.0 tons; max = 214.0
Average FREQUENCY = 3.18%
Average ALBEDO = 9.61*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:38:16 Tue Dec 7 2010
File = noaa16_sh20062007p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

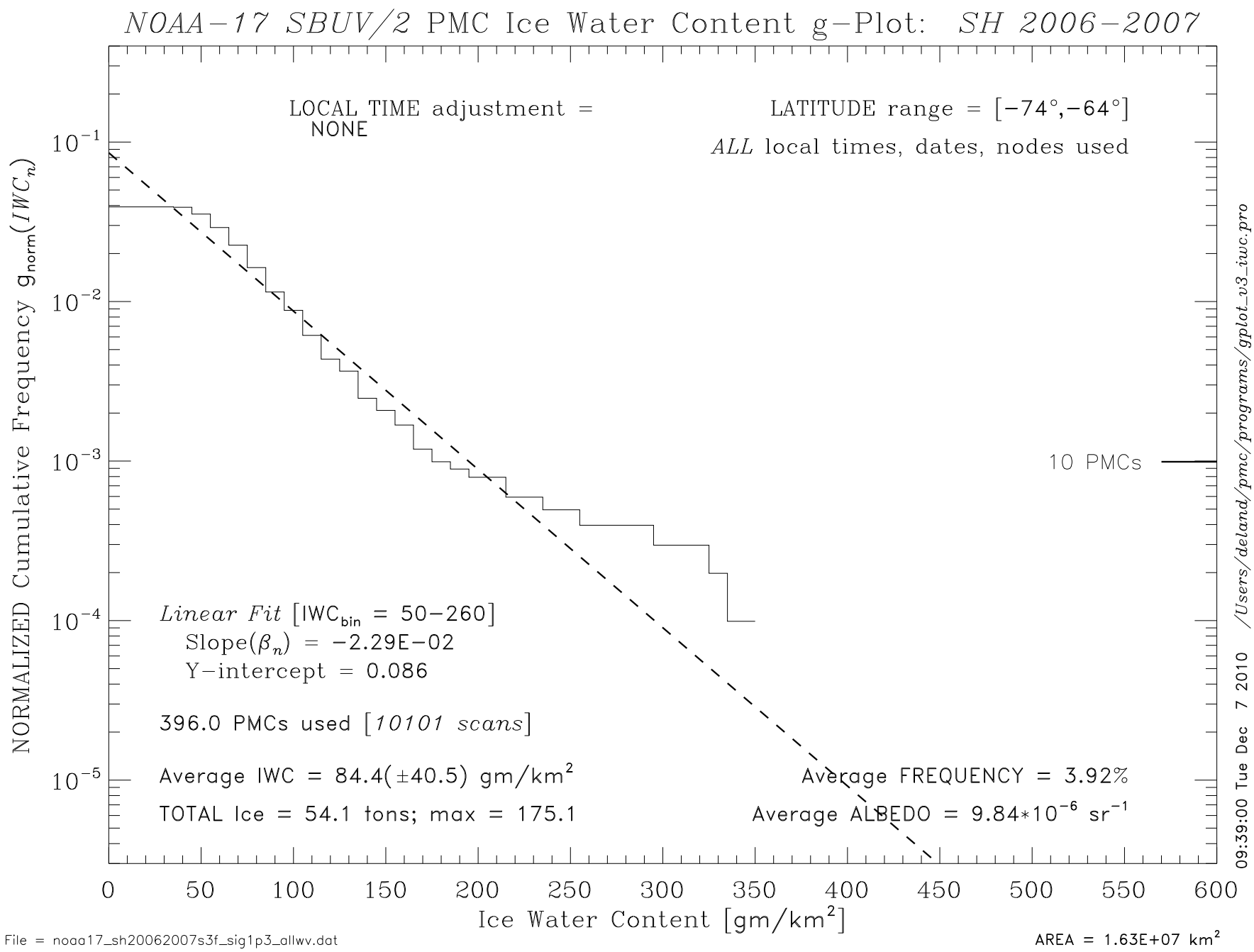

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: SH 2007−2008
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−210]
Slope(β_n) = −2.78E−02
Y−intercept = 0.059
338.0 PMCs used [14232 scans]
Average IWC = 74.1(±34.8) gm/km²
TOTAL Ice = 28.8 tons; max = 109.1
Average FREQUENCY = 2.37%
Average ALBEDO = 10.06*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:38:20 Tue Dec 7 2010
File = noaa16_sh20072008p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

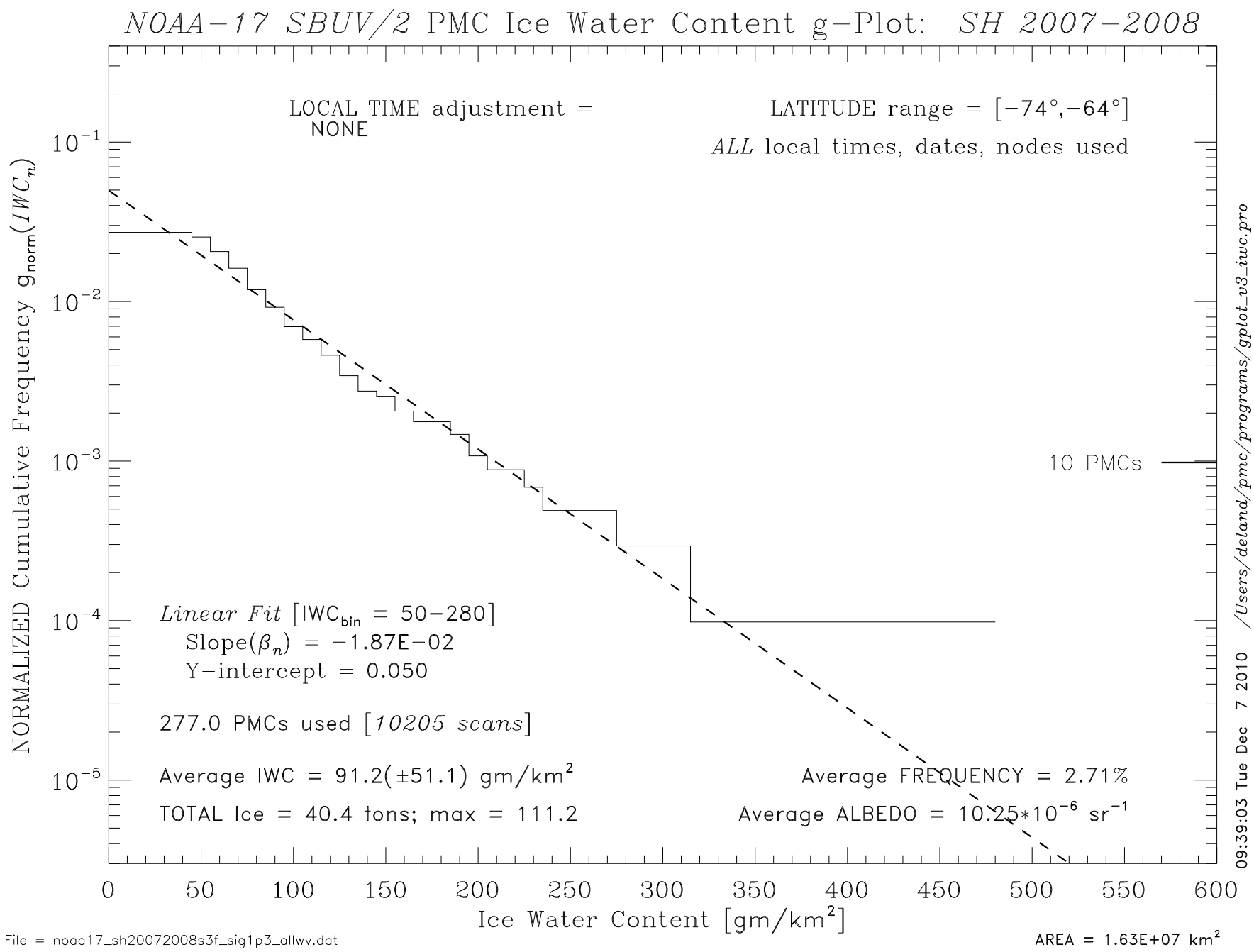

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2002−2003
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−190]
Slope(β_n) = −2.92E−02
Y−intercept = 0.116
274.0 PMCs used [9814 scans]
Average IWC = 83.8(±33.9) gm/km²
TOTAL Ice = 38.3 tons; max = 237.6
Average FREQUENCY = 2.79%
Average ALBEDO = 10.17*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:38:47 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_sh20022003s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

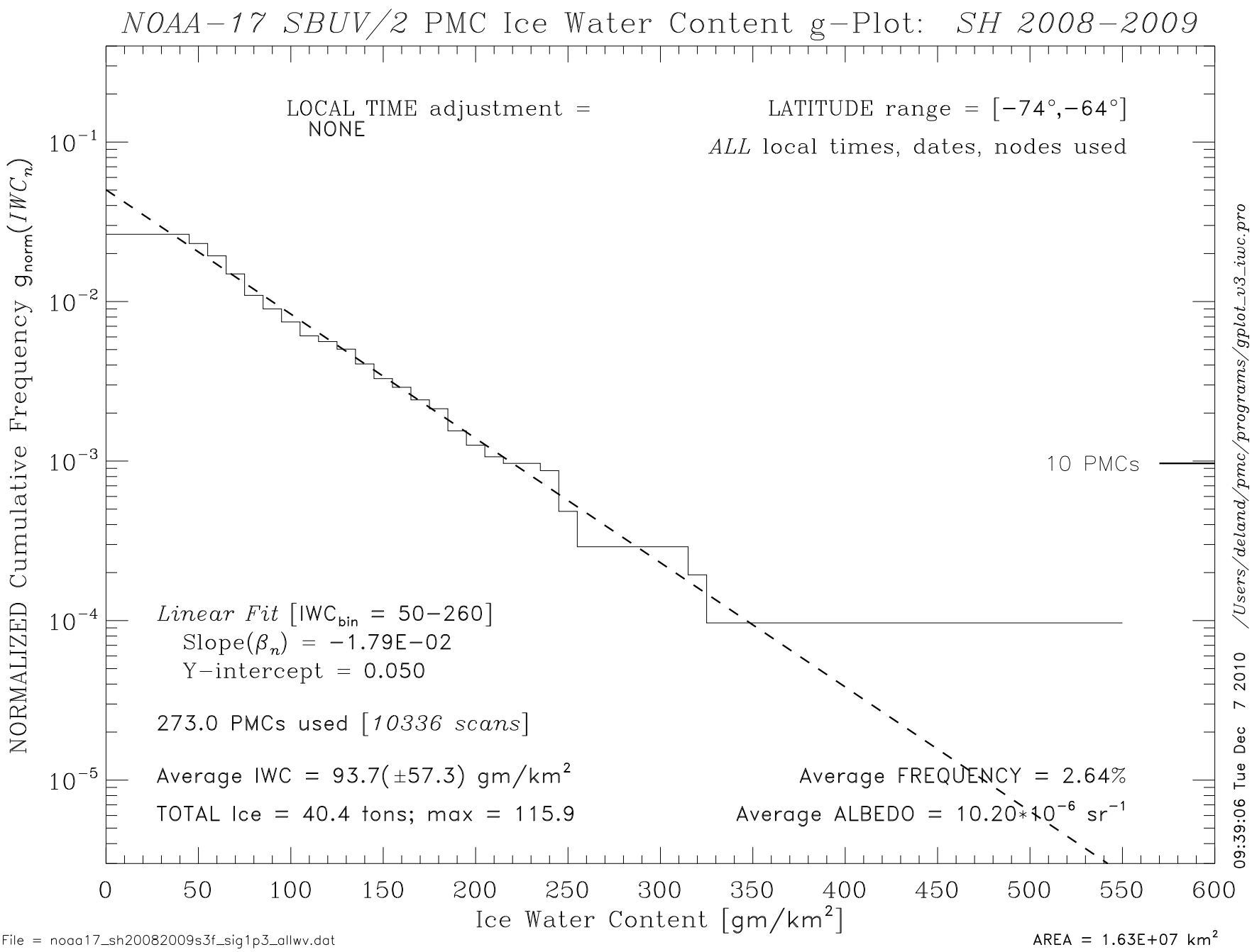

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2003−2004
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−250]
Slope(β_n) = −2.01E−02
Y−intercept = 0.050
227.0 PMCs used [9172 scans]
Average IWC = 87.3(±45.4) gm/km²
TOTAL Ice = 35.3 tons; max = 108.9
Average FREQUENCY = 2.47%
Average ALBEDO = 10.41*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:38:50 Tue Dec 7 2010
File = noaa17_sh20032004s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

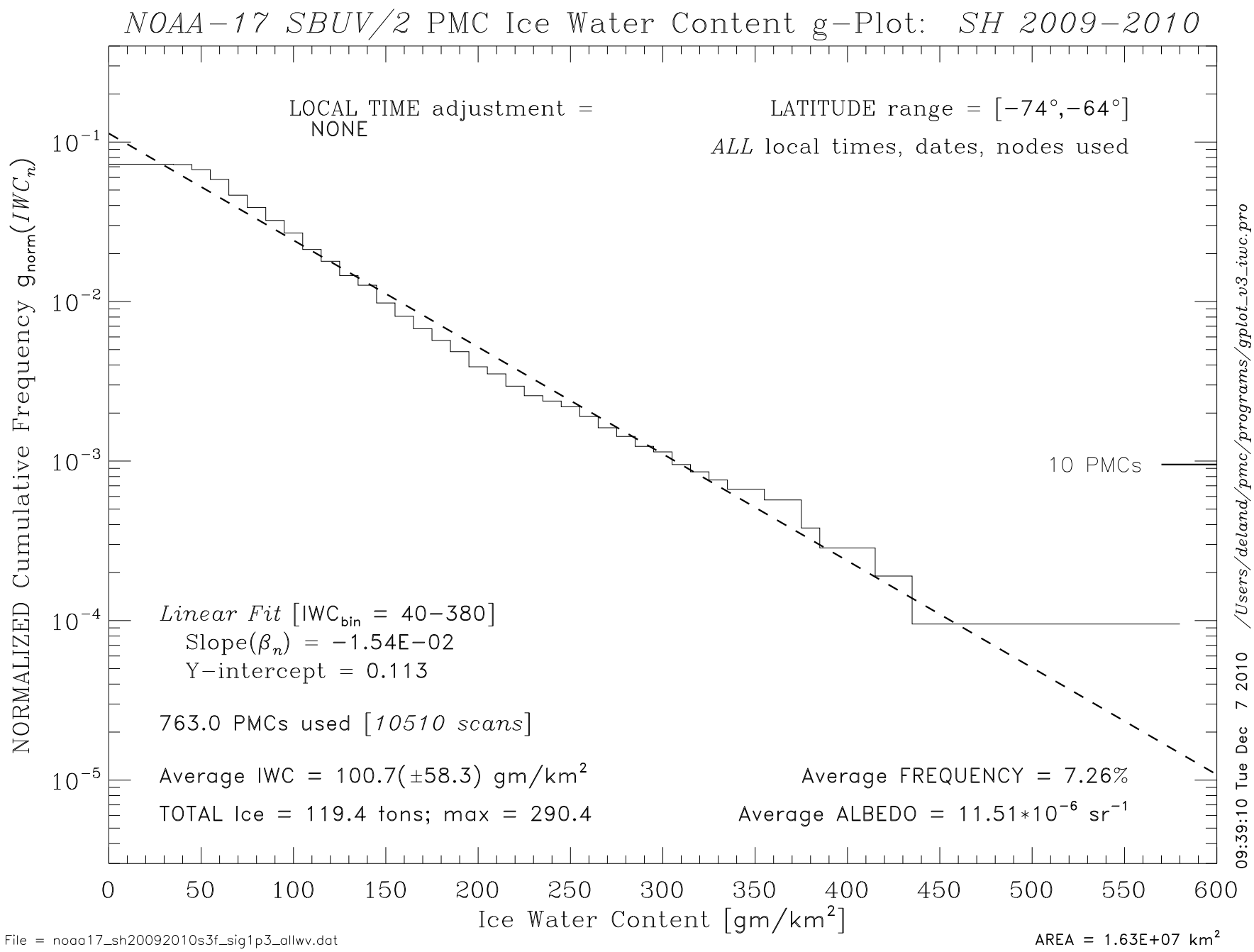

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2004−2005
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−250]
Slope(β_n) = −1.98E−02
Y−intercept = 0.096
360.0 PMCs used [8984 scans]
Average IWC = 95.0(±47.0) gm/km²
TOTAL Ice = 62.2 tons; max = 229.9
Average FREQUENCY = 4.01%
Average ALBEDO = 11.19*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:38:53 Tue Dec 7 2010
File = noaa17_sh20042005s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

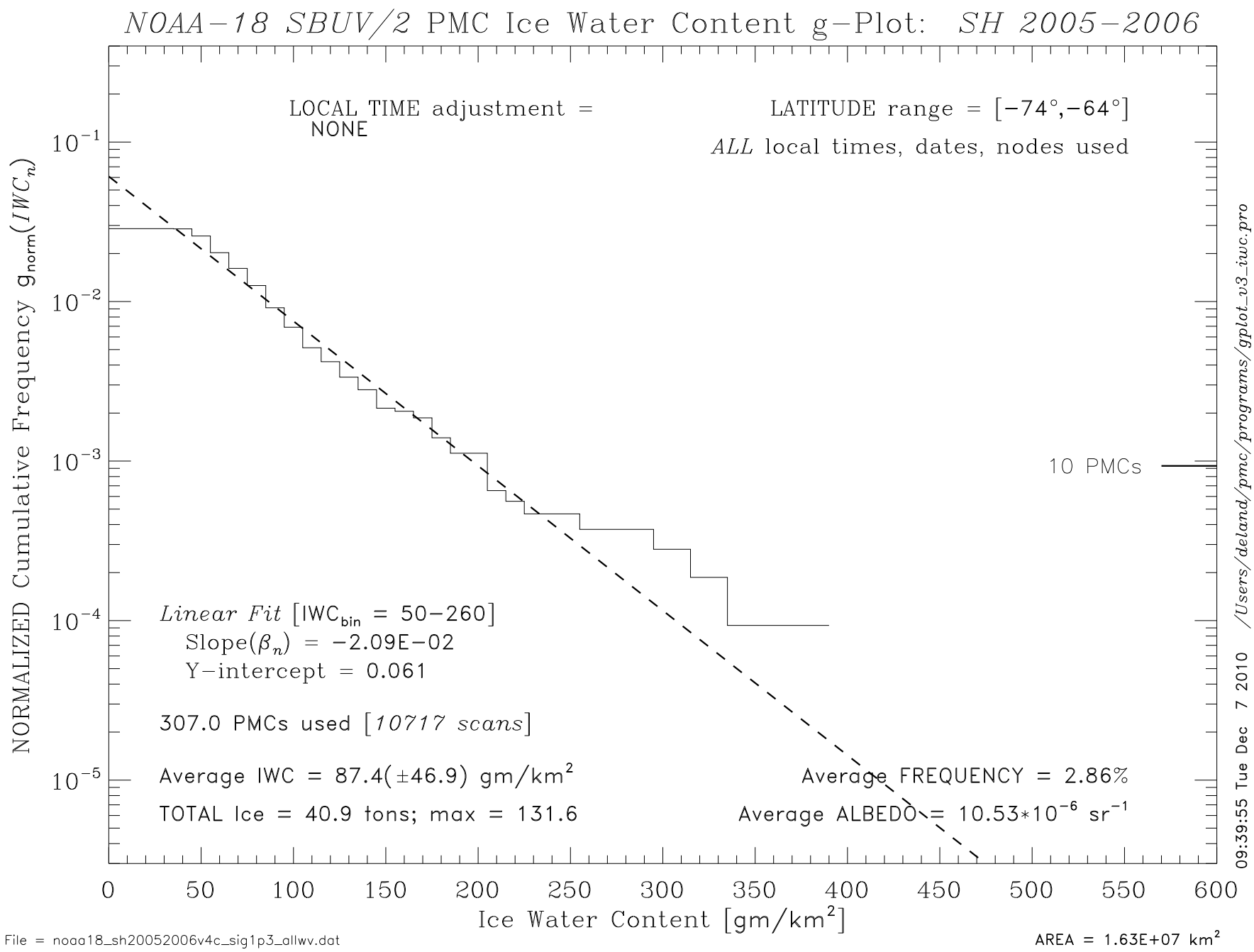

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2005−2006
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−250]
Slope(β_n) = −2.19E−02
Y−intercept = 0.086
382.0 PMCs used [10118 scans]
Average IWC = 86.8(±43.2) gm/km²
TOTAL Ice = 53.6 tons; max = 184.0
Average FREQUENCY = 3.78%
Average ALBEDO = 10.38*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:38:57 Tue Dec 7 2010
File = noaa17_sh20052006s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

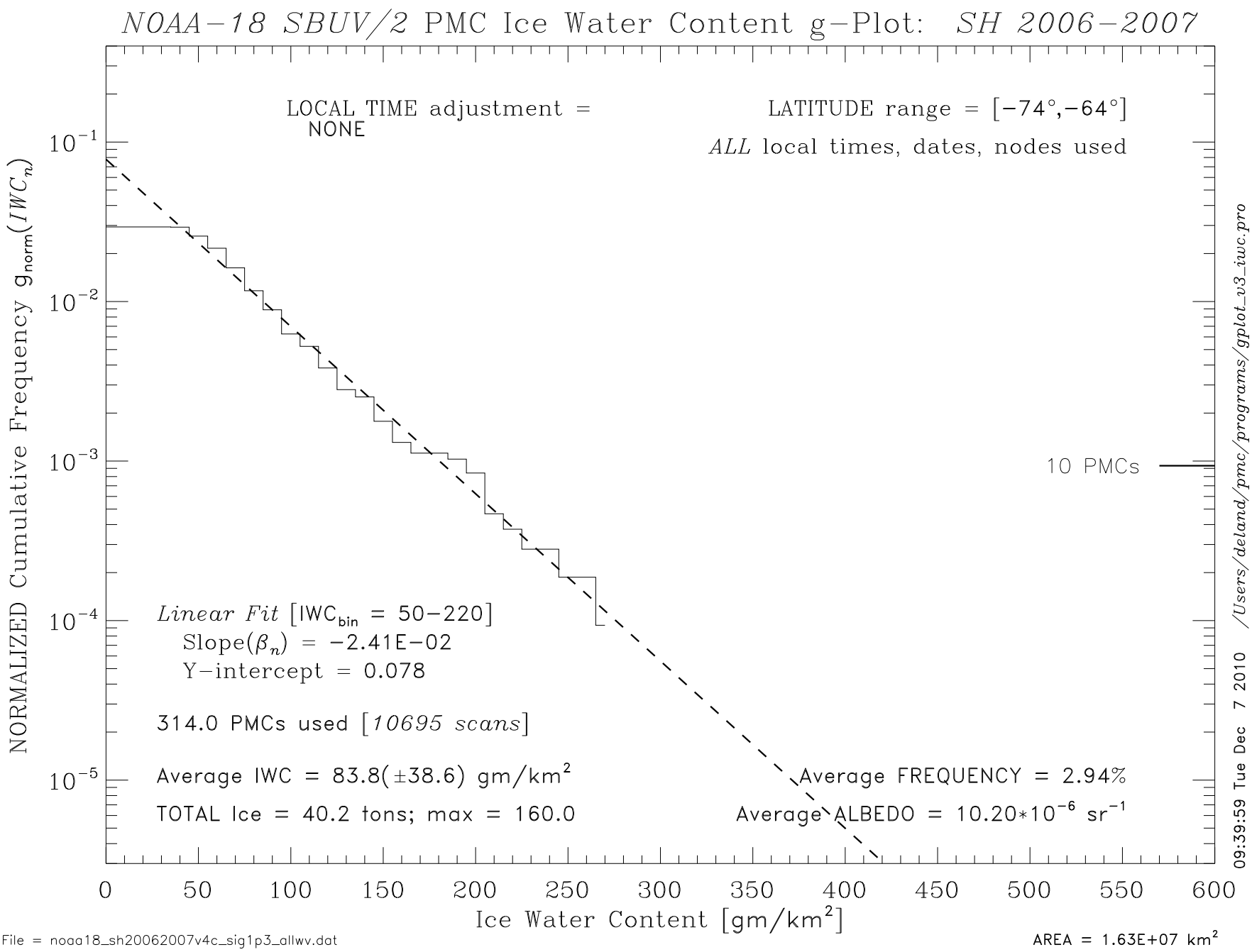

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2006−2007
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−260]
Slope(β_n) = −2.29E−02
Y−intercept = 0.086
396.0 PMCs used [10101 scans]
Average IWC = 84.4(±40.5) gm/km²
TOTAL Ice = 54.1 tons; max = 175.1
Average FREQUENCY = 3.92%
Average ALBEDO = 9.84*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:39:00 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_sh20062007s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

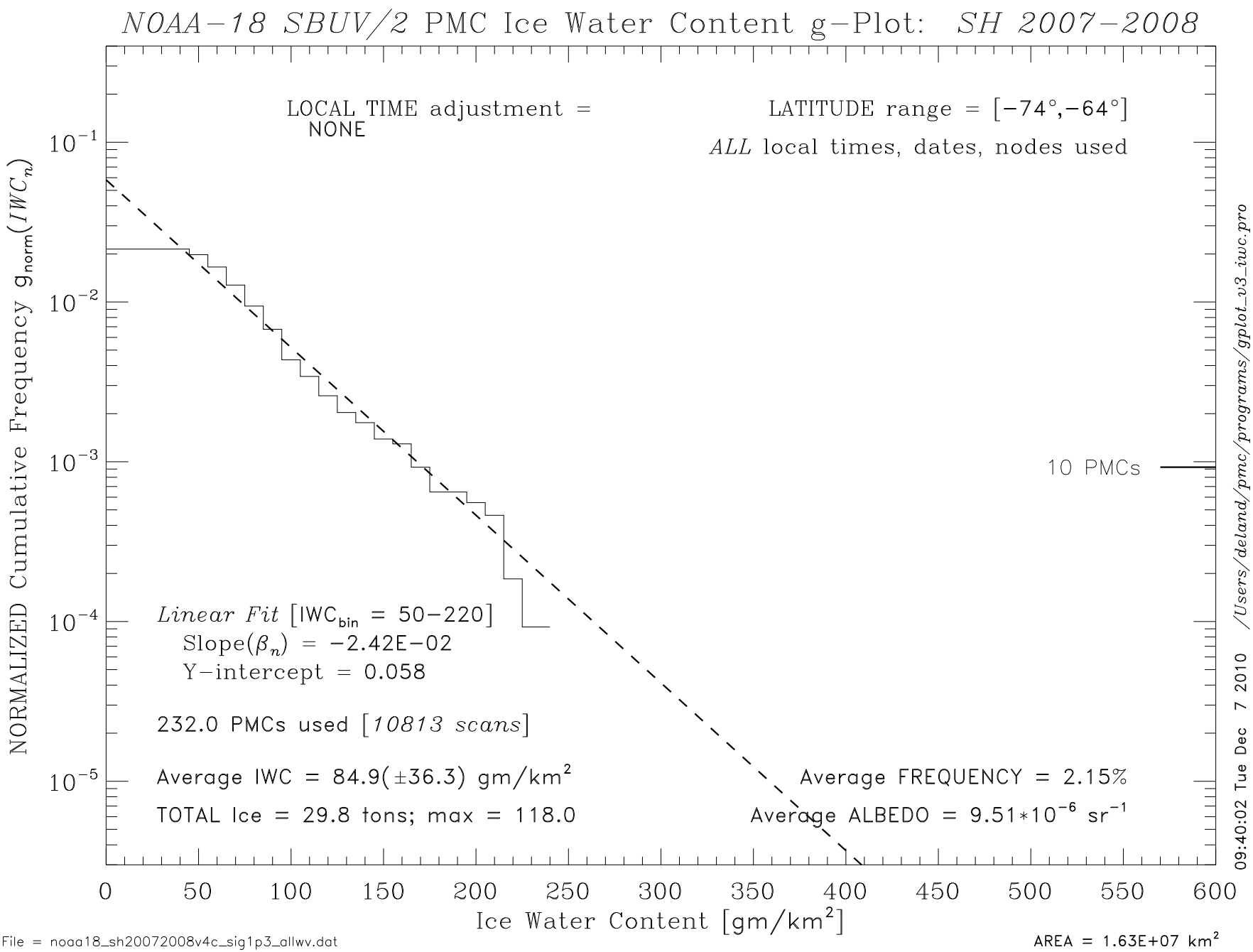

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2007−2008
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−280]
Slope(β_n) = −1.87E−02
Y−intercept = 0.050
277.0 PMCs used [10205 scans]
Average IWC = 91.2(±51.1) gm/km²
TOTAL Ice = 40.4 tons; max = 111.2
Average FREQUENCY = 2.71%
Average ALBEDO = 10.25*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:39:03 Tue Dec 7 2010
File = noaa17_sh20072008s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

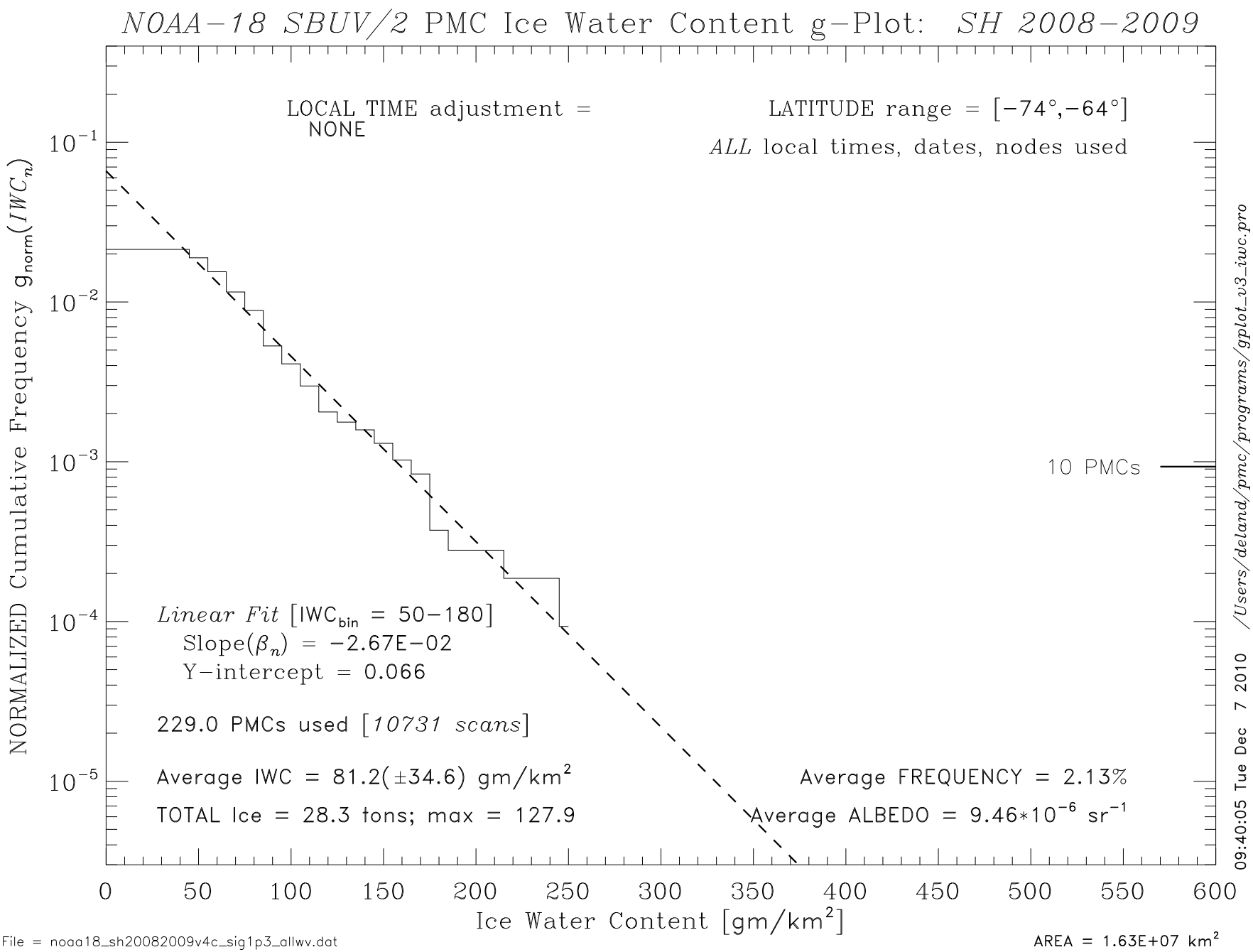

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2008−2009
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−260]
Slope(β_n) = −1.79E−02
Y−intercept = 0.050
273.0 PMCs used [10336 scans]
Average IWC = 93.7(±57.3) gm/km²
TOTAL Ice = 40.4 tons; max = 115.9
Average FREQUENCY = 2.64%
Average ALBEDO = 10.20*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:39:06 Tue Dec 7 2010
File = noaa17_sh20082009s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

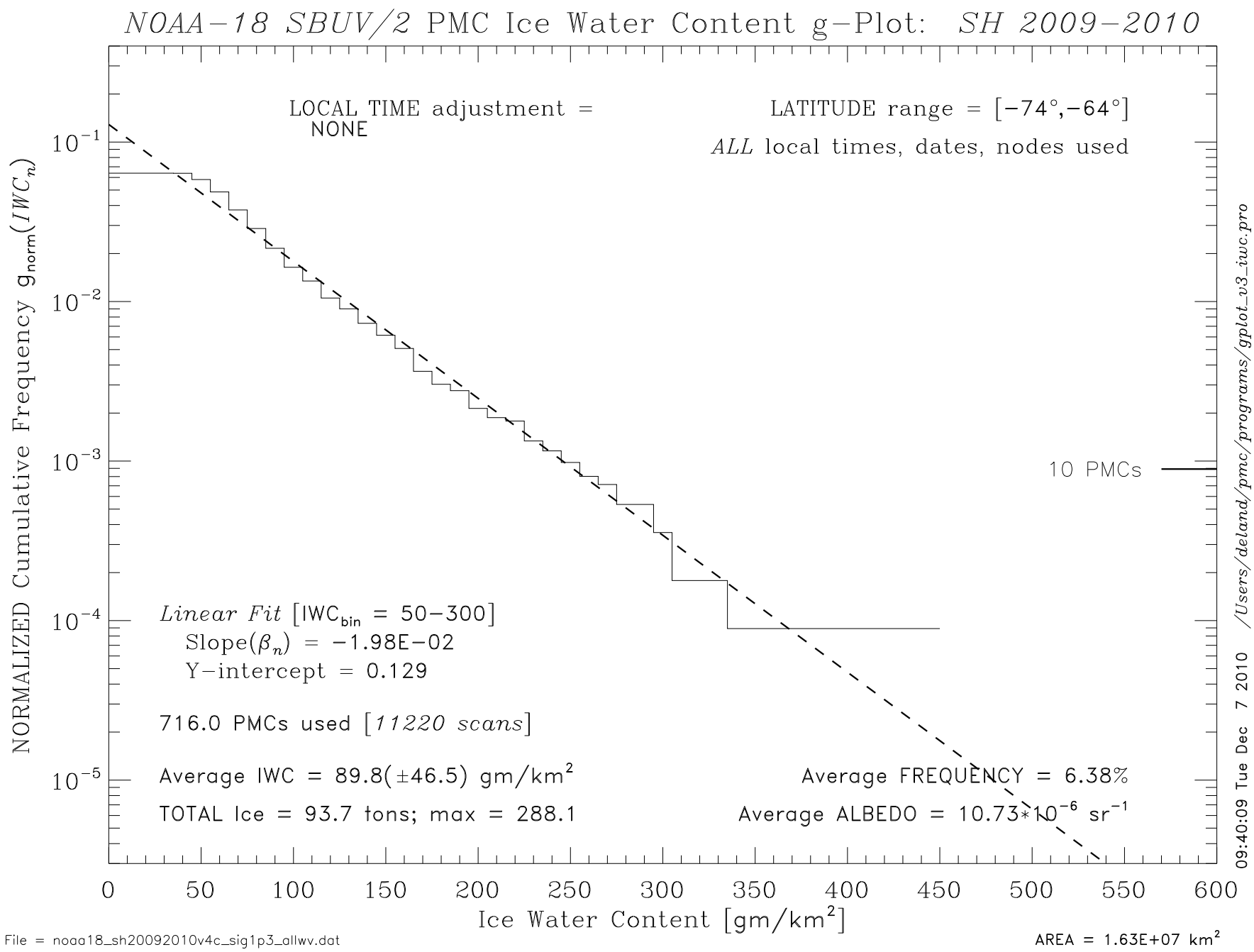

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: SH 2009−2010
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−380]
Slope(β_n) = −1.54E−02
Y−intercept = 0.113
763.0 PMCs used [10510 scans]
Average IWC = 100.7(±58.3) gm/km²
TOTAL Ice = 119.4 tons; max = 290.4
Average FREQUENCY = 7.26%
Average ALBEDO = 11.51*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
09:39:10 Tue Dec 7 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_sh20092010s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

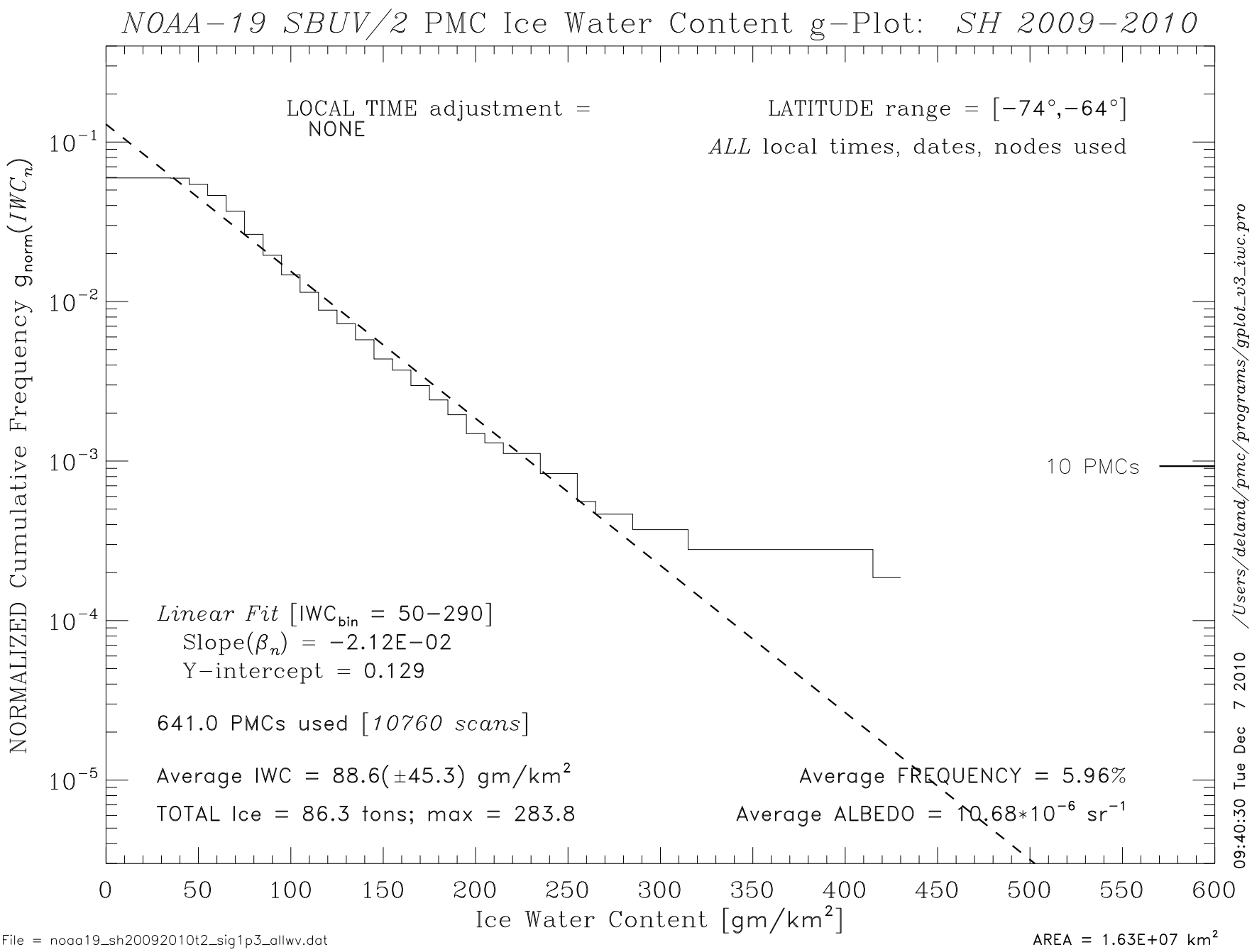

NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2005−2006
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−260]
Slope(β_n) = −2.09E−02
Y−intercept = 0.061
307.0 PMCs used [10717 scans]
Average IWC = 87.4(±46.9) gm/km²
TOTAL Ice = 40.9 tons; max = 131.6
Average FREQUENCY = 2.86%
Average ALBEDO = 10.53*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:39:55 Tue Dec 7 2010
File = noaa18_sh20052006v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2006−2007
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−220]
Slope(β_n) = −2.41E−02
Y−intercept = 0.078
314.0 PMCs used [10695 scans]
Average IWC = 83.8(±38.6) gm/km²
TOTAL Ice = 40.2 tons; max = 160.0
Average FREQUENCY = 2.94%
Average ALBEDO = 10.20*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:39:59 Tue Dec 7 2010
File = noaa18_sh20062007v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2007−2008
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−220]
Slope(β_n) = −2.42E−02
Y−intercept = 0.058
232.0 PMCs used [10813 scans]
Average IWC = 84.9(±36.3) gm/km²
TOTAL Ice = 29.8 tons; max = 118.0
Average FREQUENCY = 2.15%
Average ALBEDO = 9.51*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:40:02 Tue Dec 7 2010
File = noaa18_sh20072008v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2008−2009
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−180]
Slope(β_n) = −2.67E−02
Y−intercept = 0.066
229.0 PMCs used [10731 scans]
Average IWC = 81.2(±34.6) gm/km²
TOTAL Ice = 28.3 tons; max = 127.9
Average FREQUENCY = 2.13%
Average ALBEDO = 9.46*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:40:05 Tue Dec 7 2010
File = noaa18_sh20082009v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: SH 2009−2010
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−300]
Slope(β_n) = −1.98E−02
Y−intercept = 0.129
716.0 PMCs used [11220 scans]
Average IWC = 89.8(±46.5) gm/km²
TOTAL Ice = 93.7 tons; max = 288.1
Average FREQUENCY = 6.38%
Average ALBEDO = 10.73*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:40:09 Tue Dec 7 2010
File = noaa18_sh20092010v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA−19 SBUV/2 PMC Ice Water Content g−Plot: SH 2009−2010
LOCAL TIME adjustment = NONE
LATITUDE range = [−74°,−64°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−290]
Slope(β_n) = −2.12E−02
Y−intercept = 0.129
641.0 PMCs used [10760 scans]
Average IWC = 88.6(±45.3) gm/km²
TOTAL Ice = 86.3 tons; max = 283.8
Average FREQUENCY = 5.96%
Average ALBEDO = 10.68*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
/Users/deland/pmc/programs/gplot_v3_iwc.pro
09:40:30 Tue Dec 7 2010
File = noaa19_sh20092010t2_sig1p3_allwv.dat
AREA = 1.63E+07 km²