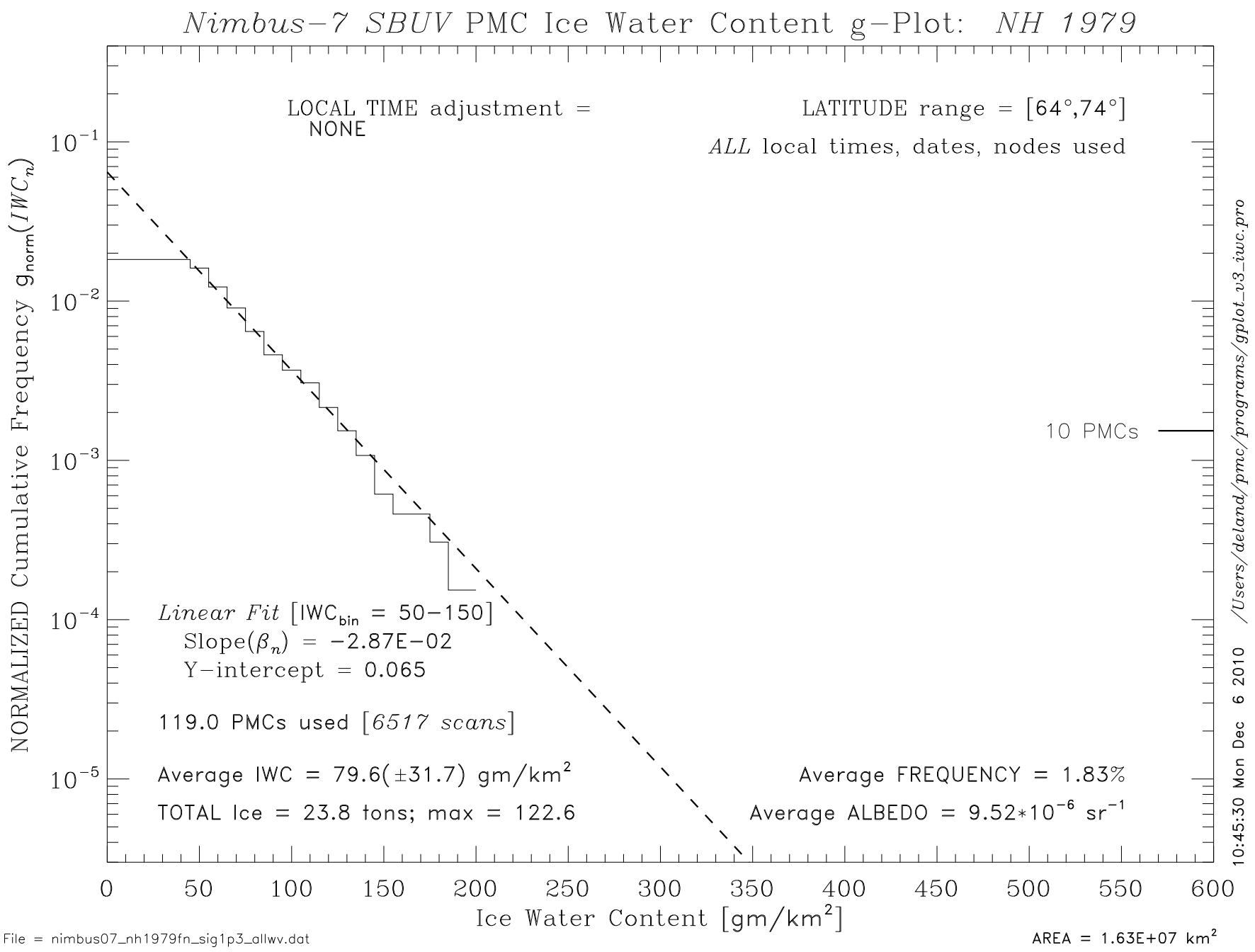
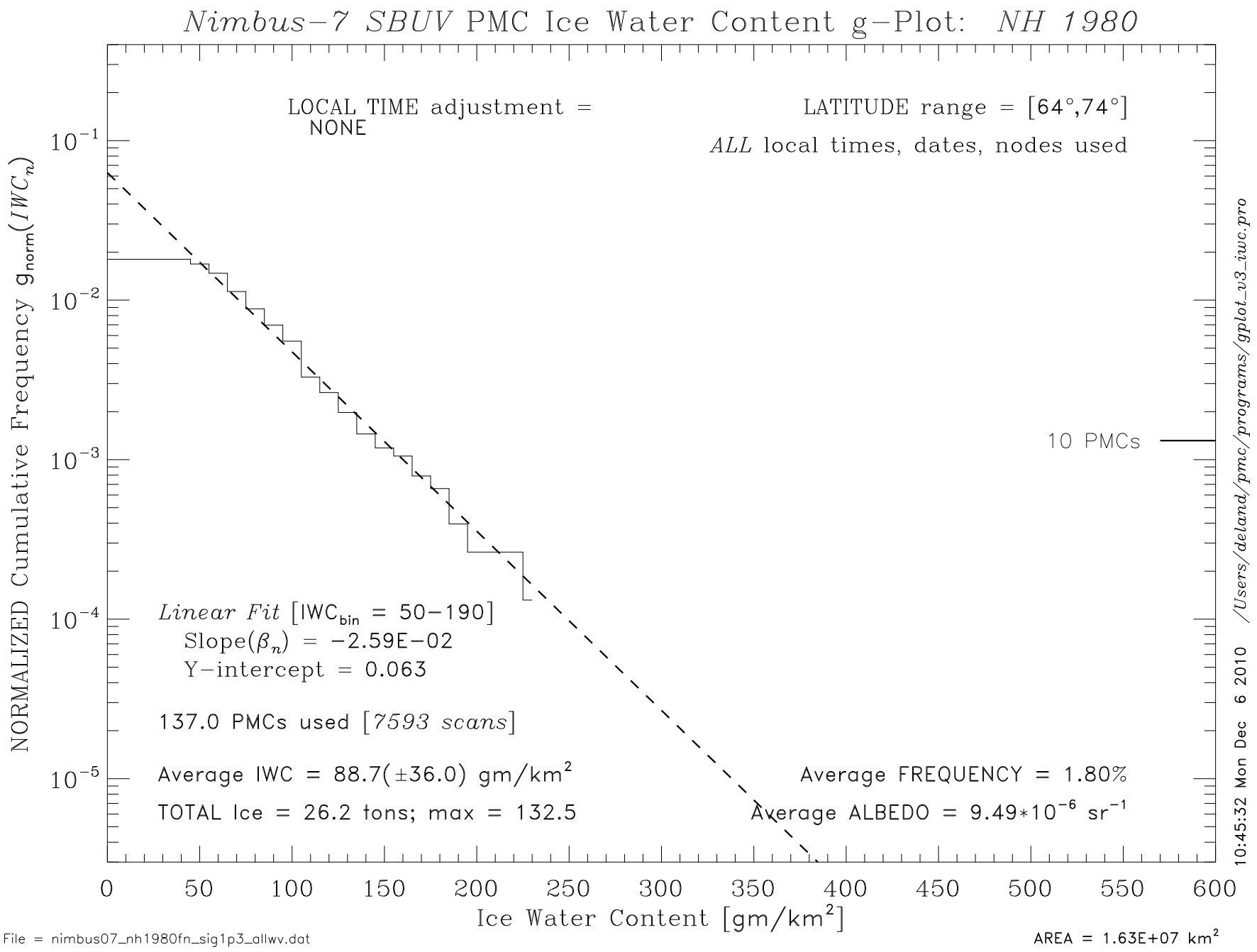
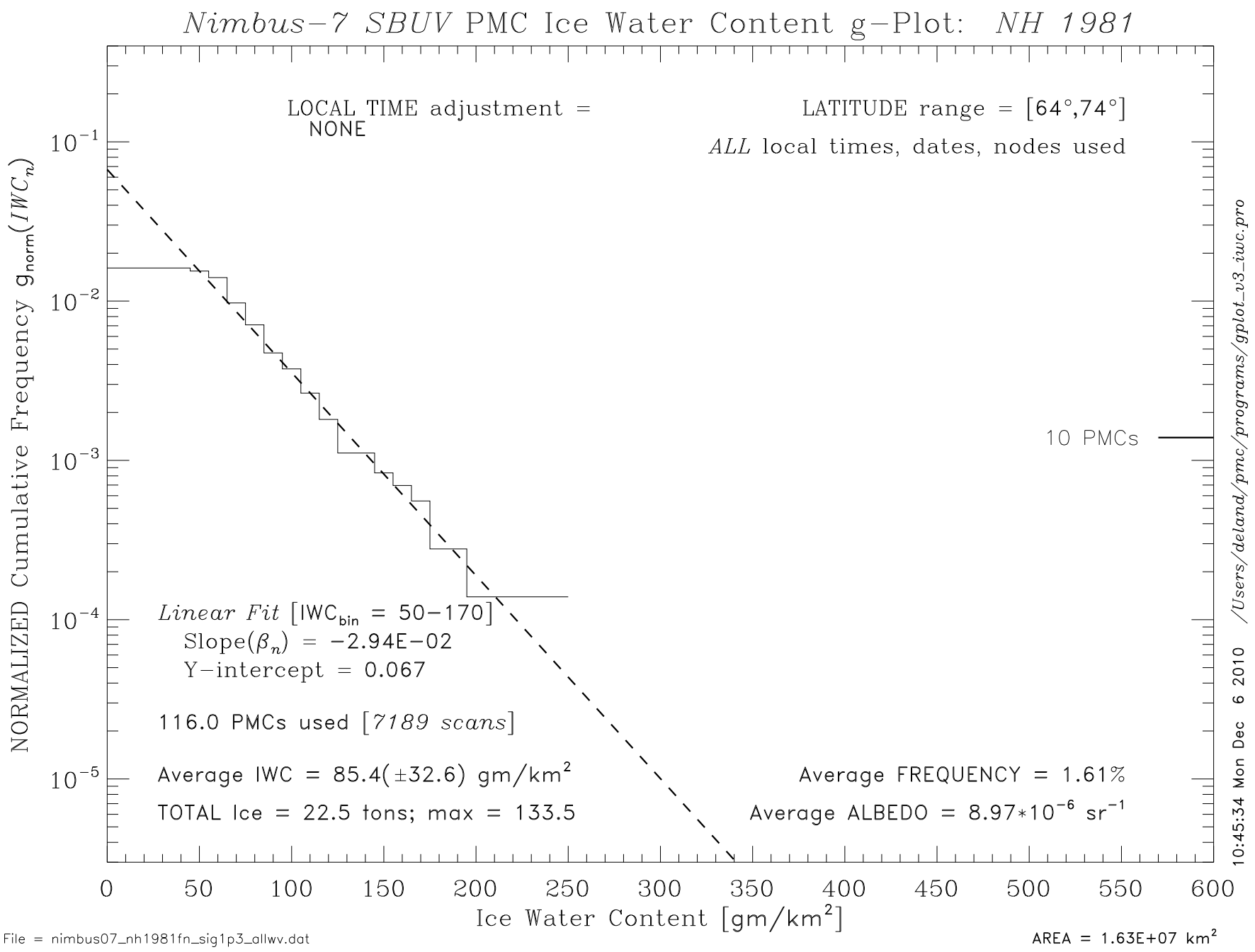
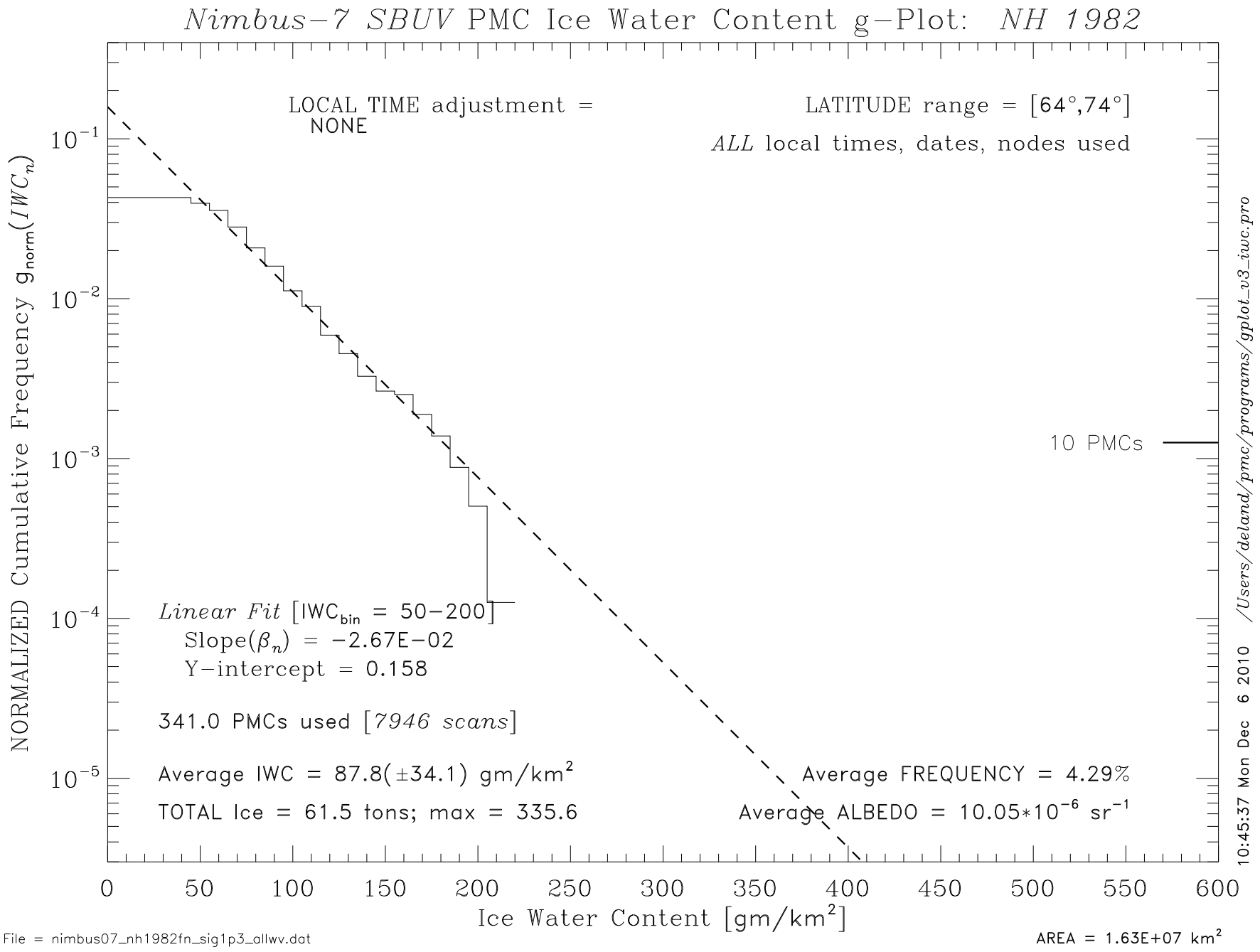
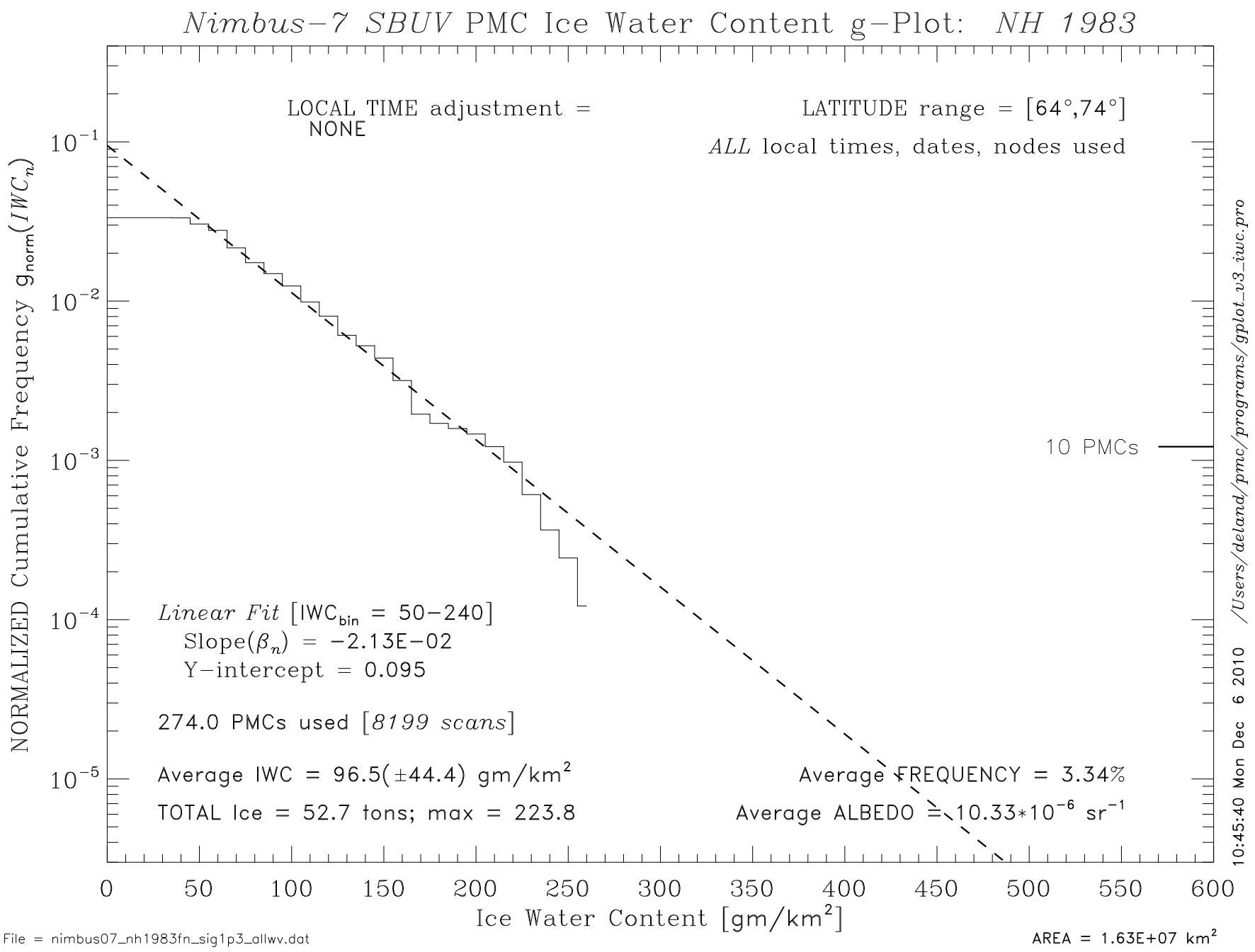
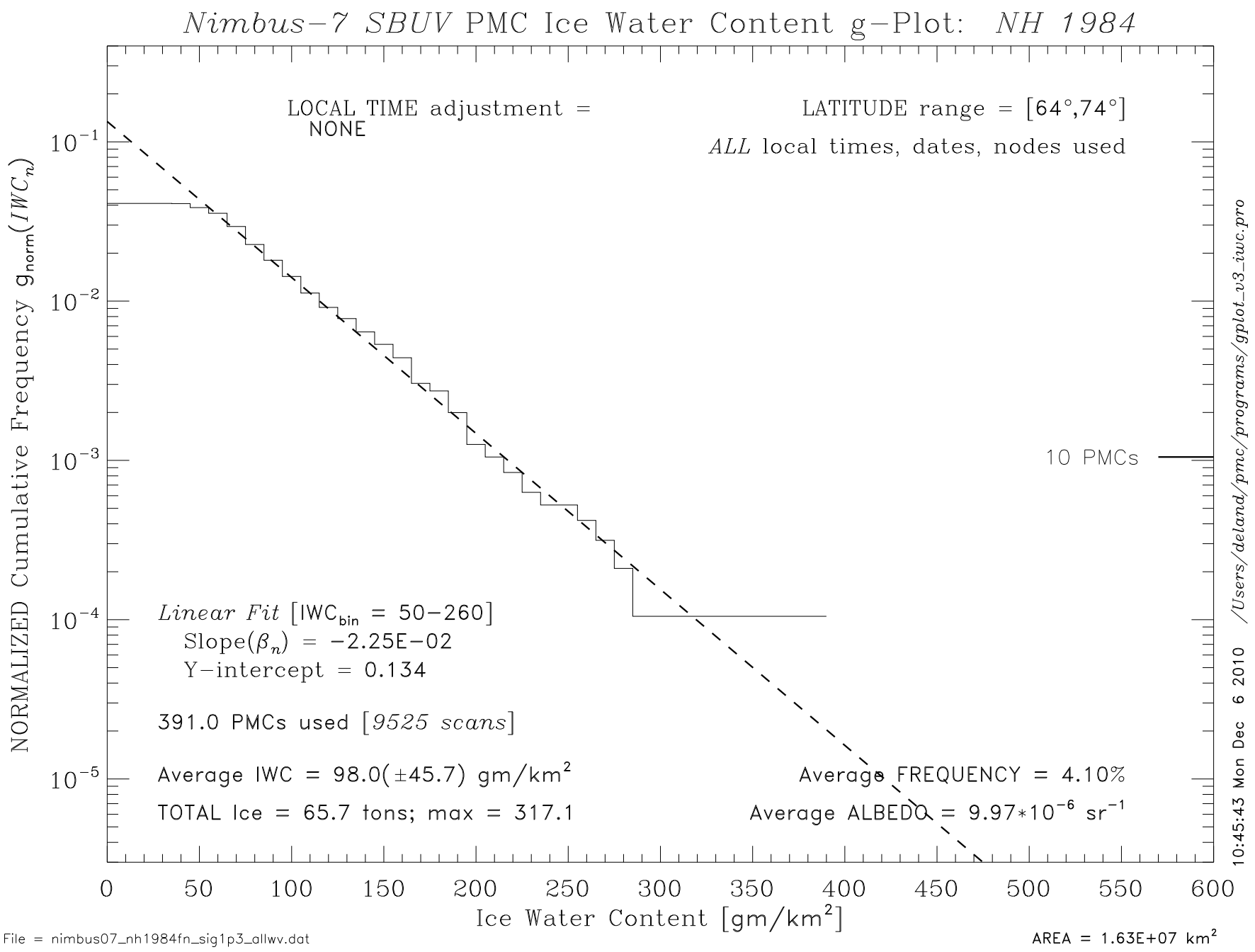

Nimbus-7 SBUV PMC Ice Water Content g-Plot: NH 1979
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50-150]
Slope(β_n) = -2.87E-02
Y-intercept = 0.065
119.0 PMCs used [6517 scans]
Average IWC = 79.6(±31.7) gm/km^2
TOTAL Ice = 23.8 tons; max = 122.6
Average FREQUENCY = 1.83%
Average ALBEDO = 9.52*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:45:30 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_nh1979fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

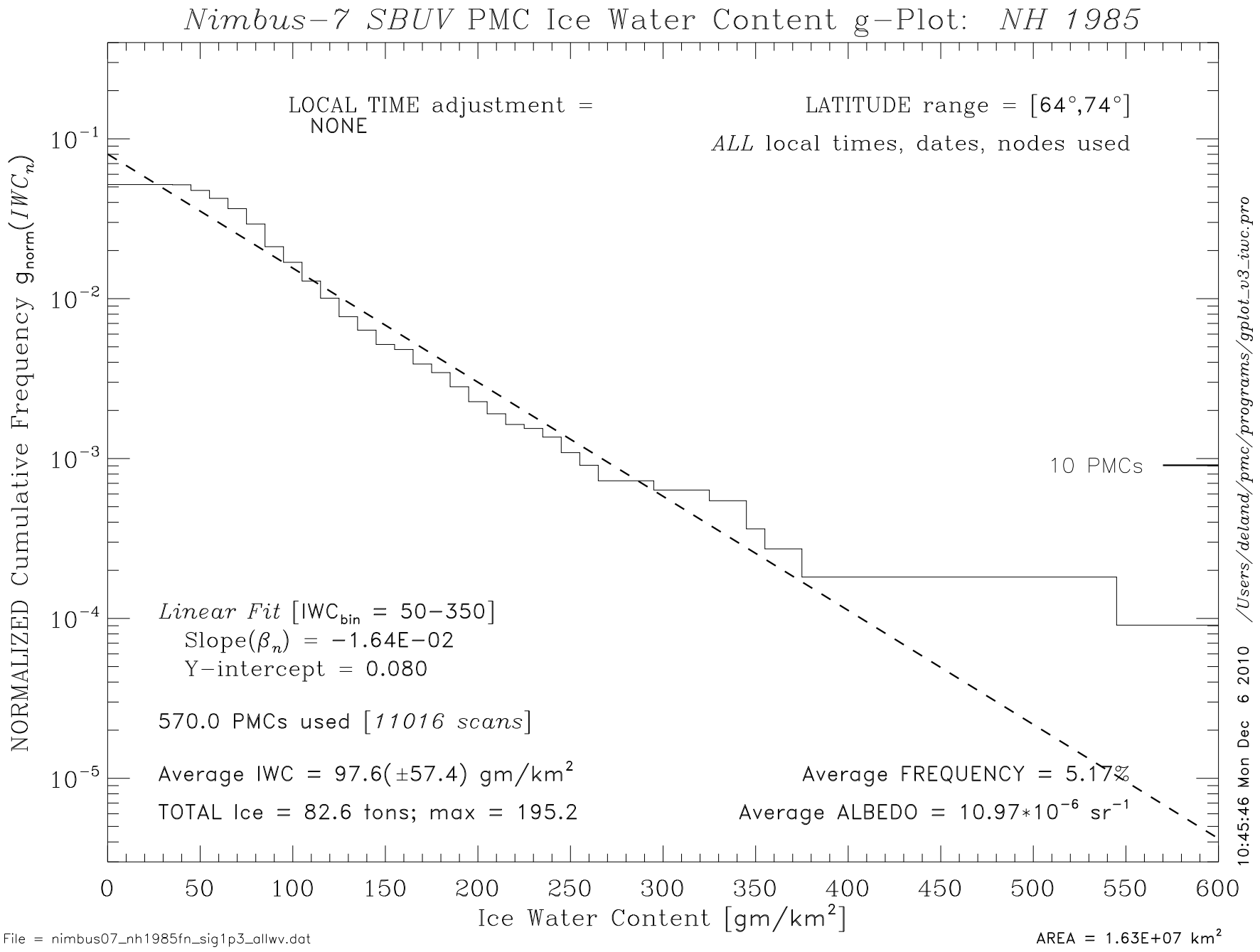

Nimbus-7 SBUV PMC Ice Water Content g-Plot: NH 1980
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50-190]
Slope(β_n) = -2.59E-02
Y-intercept = 0.063
137.0 PMCs used [7593 scans]
Average IWC = 88.7(±36.0) gm/km^2
TOTAL Ice = 26.2 tons; max = 132.5
Average FREQUENCY = 1.80%
Average ALBEDO = 9.49*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:45:32 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_nh1980fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

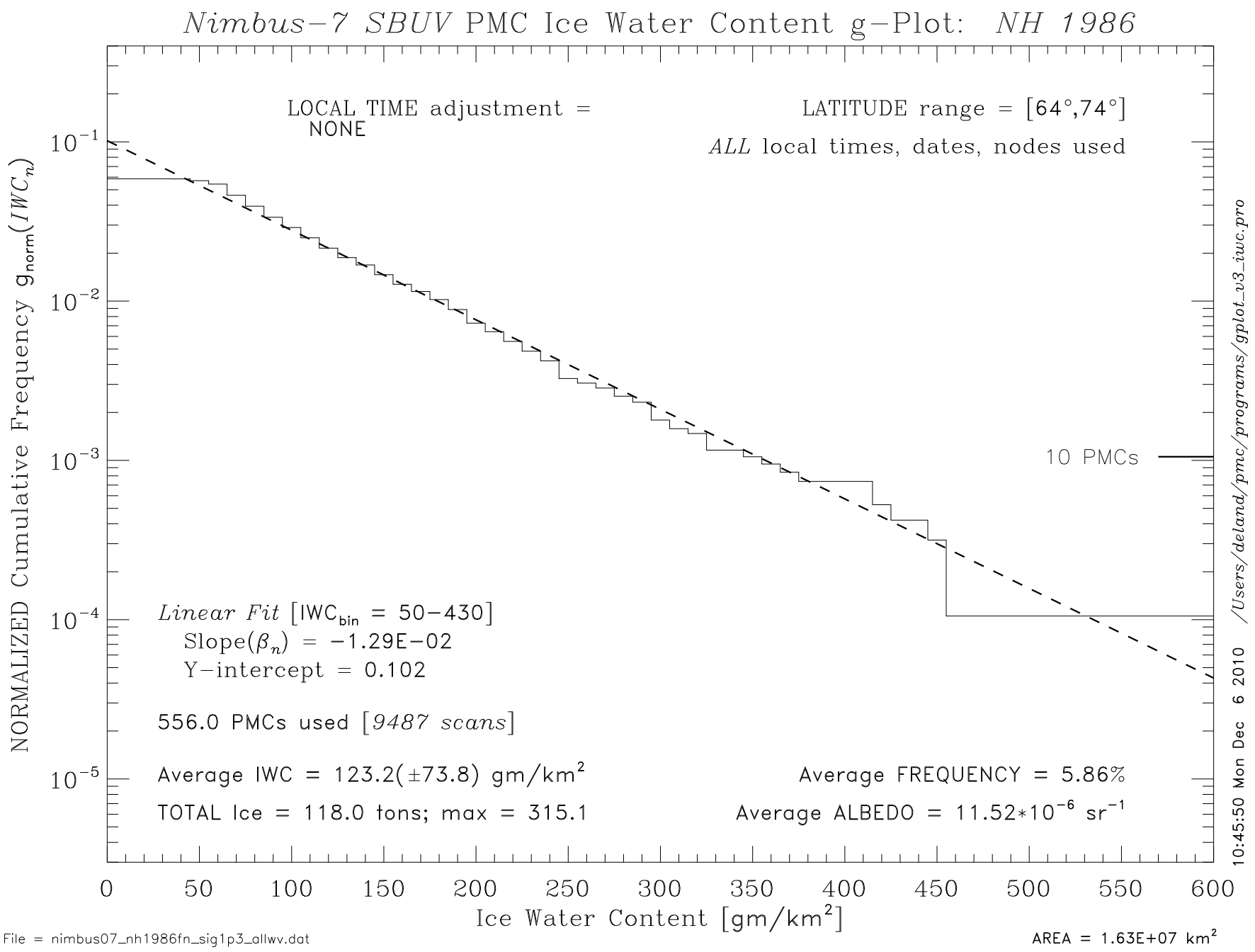

Nimbus-7 SBUV PMC Ice Water Content g-Plot: NH 1981
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-170]
Slope(β_n) = -2.94E-02
Y-intercept = 0.067
116.0 PMCs used [7189 scans]
Average IWC = 85.4(±32.6) gm/km²
TOTAL Ice = 22.5 tons; max = 133.5
Average FREQUENCY = 1.61%
Average ALBEDO = 8.97*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:45:34 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_nh1981fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

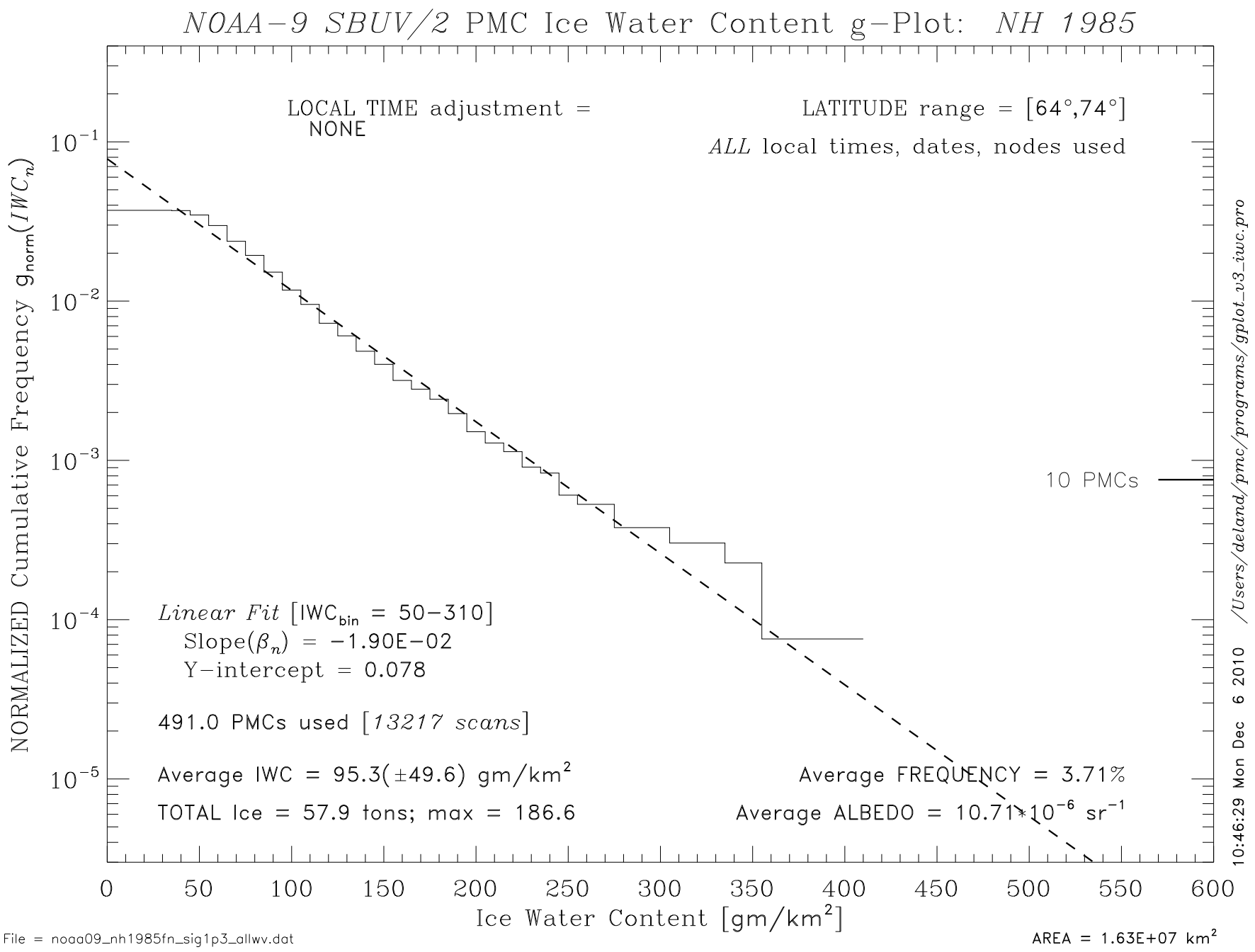

Nimbus-7 SBUV PMC Ice Water Content g-Plot: NH 1982
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50-200]
Slope(β_n) = -2.67E-02
Y-intercept = 0.158
341.0 PMCs used [7946 scans]
Average IWC = 87.8(±34.1) gm/km^2
TOTAL Ice = 61.5 tons; max = 335.6
Average FREQUENCY = 4.29%
Average ALBEDO = 10.05*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:45:37 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_nh1982fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

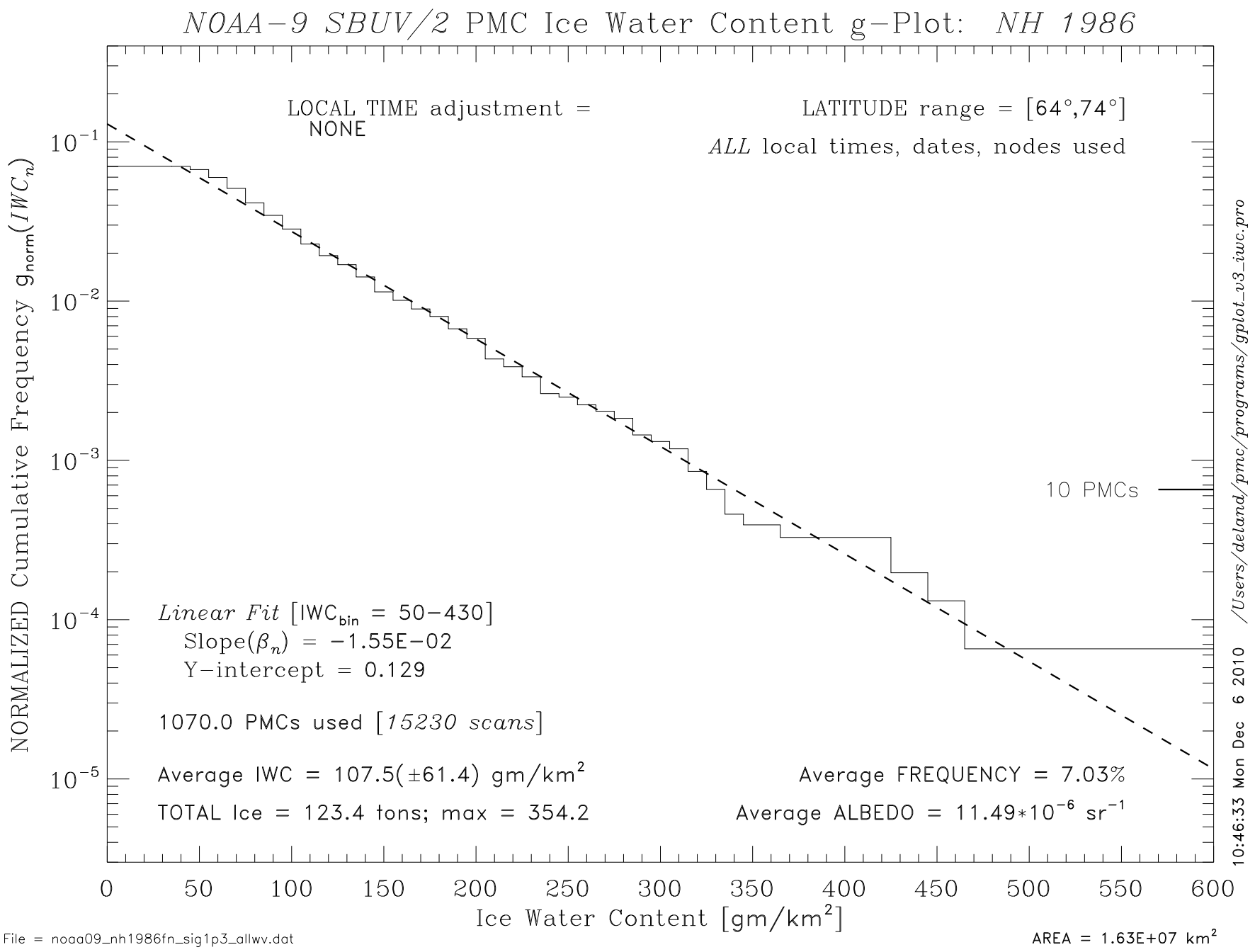

Nimbus-7 SBUV PMC Ice Water Content g-Plot: NH 1983
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50-240]
Slope(β_n) = -2.13E-02
Y-intercept = 0.095
274.0 PMCs used [8199 scans]
Average IWC = 96.5(±44.4) gm/km^2
TOTAL Ice = 52.7 tons; max = 223.8
Average FREQUENCY = 3.34%
Average ALBEDO = 10.33*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:45:40 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_nh1983fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

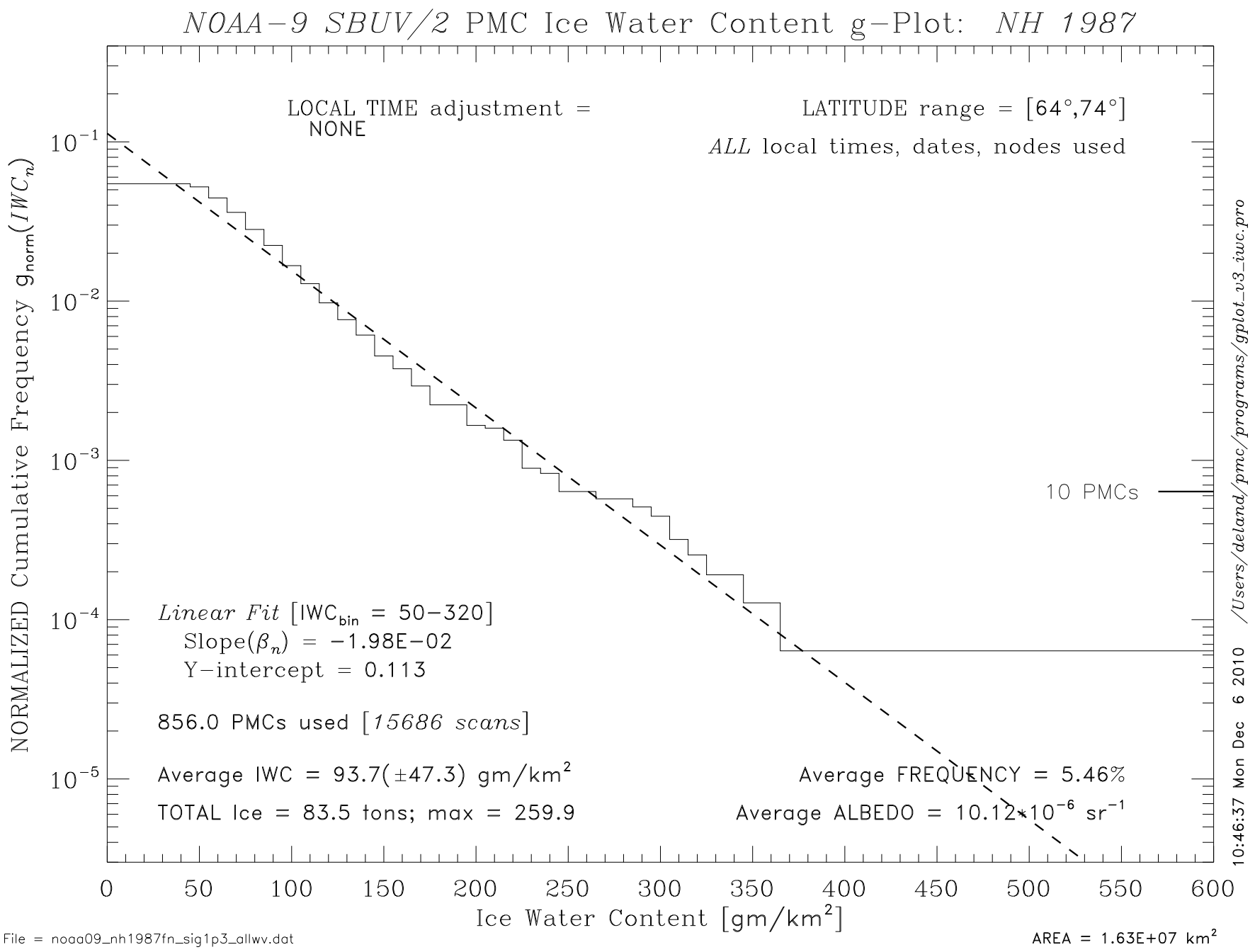

Nimbus-7 SBUV PMC Ice Water Content g-Plot: NH 1984
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-260]
Slope(β_n) = -2.25E-02
Y-intercept = 0.134
391.0 PMCs used [9525 scans]
Average IWC = 98.0(±45.7) gm/km²
TOTAL Ice = 65.7 tons; max = 317.1
Average FREQUENCY = 4.10%
Average ALBEDO = 9.97*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:45:43 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_nh1984fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

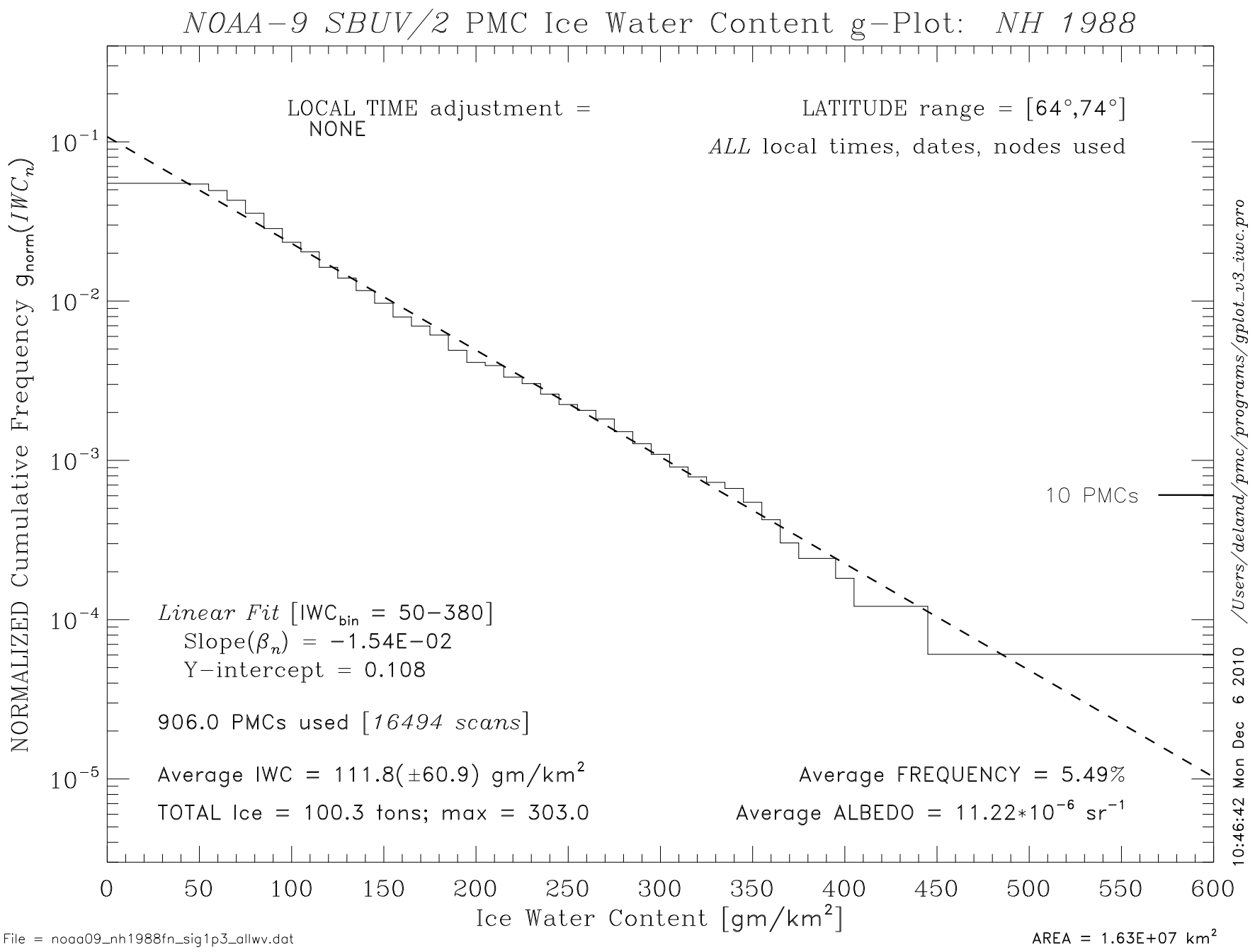

Nimbus-7 SBUV PMC Ice Water Content g-Plot: NH 1985
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-350]
Slope(β_n) = -1.64E-02
Y-intercept = 0.080
570.0 PMCs used [11016 scans]
Average IWC = 97.6(±57.4) gm/km²
TOTAL Ice = 82.6 tons; max = 195.2
Average FREQUENCY = 5.17%
Average ALBEDO = 10.97*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:45:46 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_nh1985fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

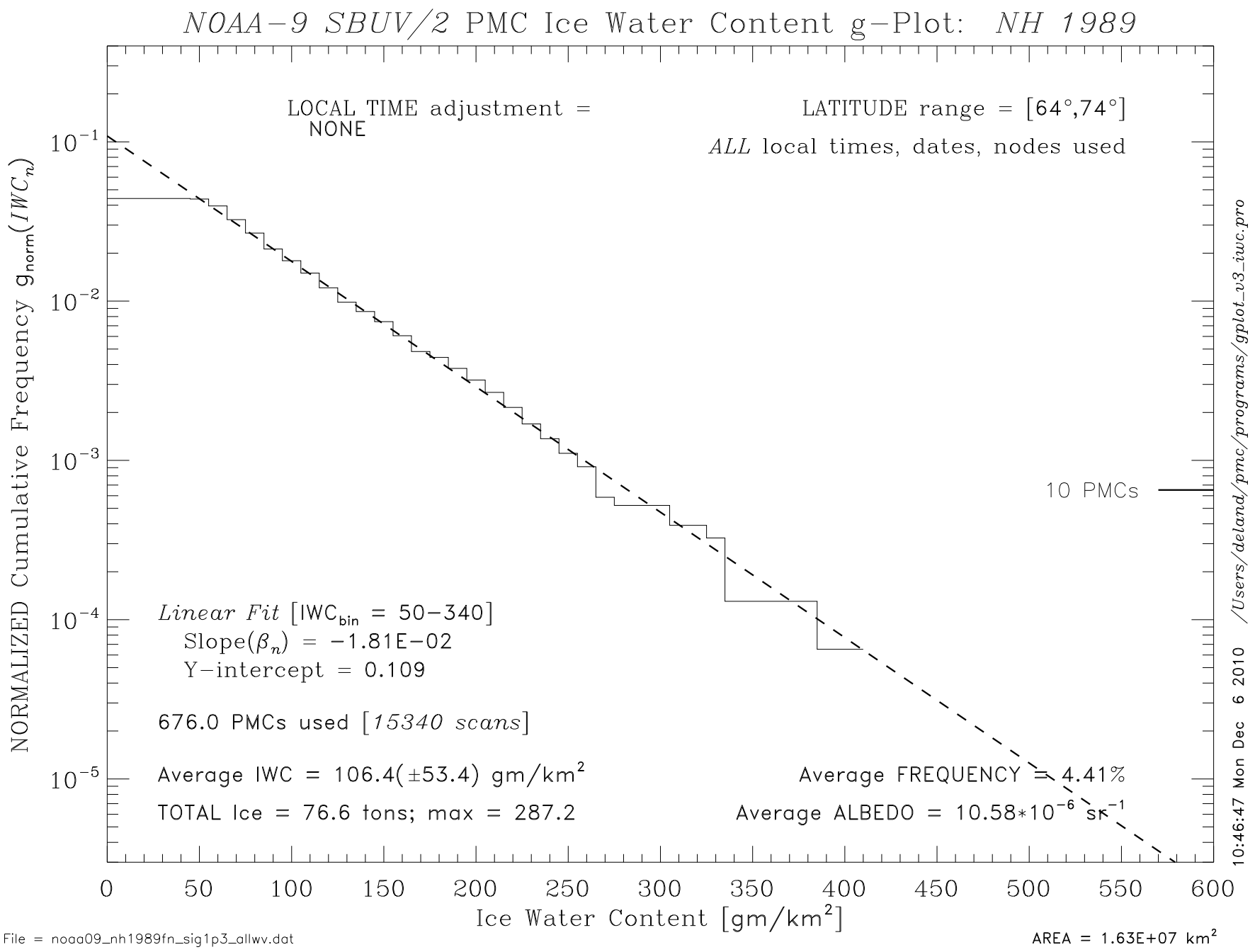

Nimbus-7 SBUV PMC Ice Water Content g-Plot: NH 1986
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-430]
Slope(β_n) = -1.29E-02
Y-intercept = 0.102
556.0 PMCs used [9487 scans]
Average IWC = 123.2(±73.8) gm/km²
TOTAL Ice = 118.0 tons; max = 315.1
Average FREQUENCY = 5.86%
Average ALBEDO = 11.52*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:45:50 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = nimbus07_nh1986fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

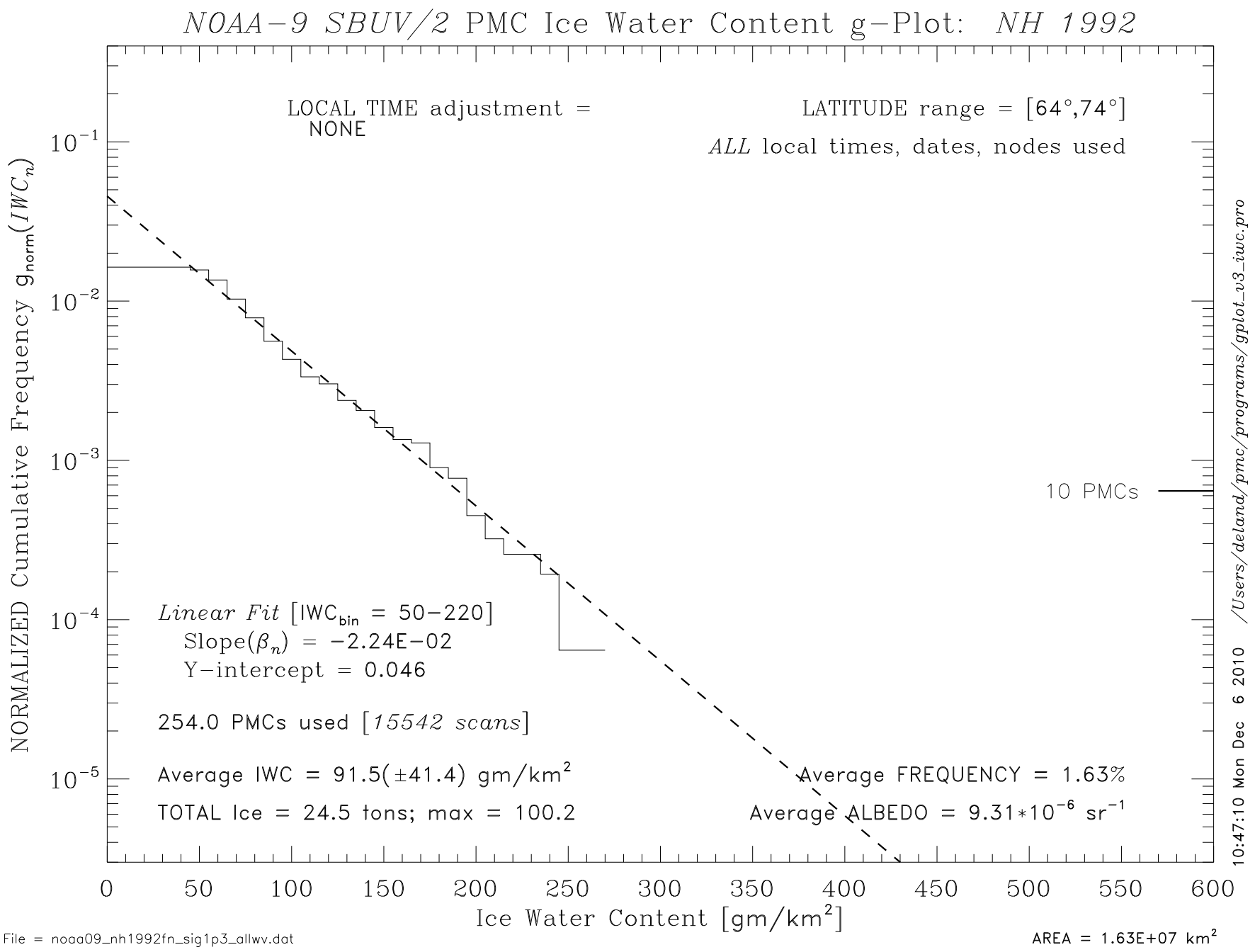

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1985
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−310]
Slope(β_n) = −1.90E−02
Y−intercept = 0.078
491.0 PMCs used [13217 scans]
Average IWC = 95.3(±49.6) gm/km²
TOTAL Ice = 57.9 tons; max = 186.6
Average FREQUENCY = 3.71%
Average ALBEDO = 10.71*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:46:29 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1985fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

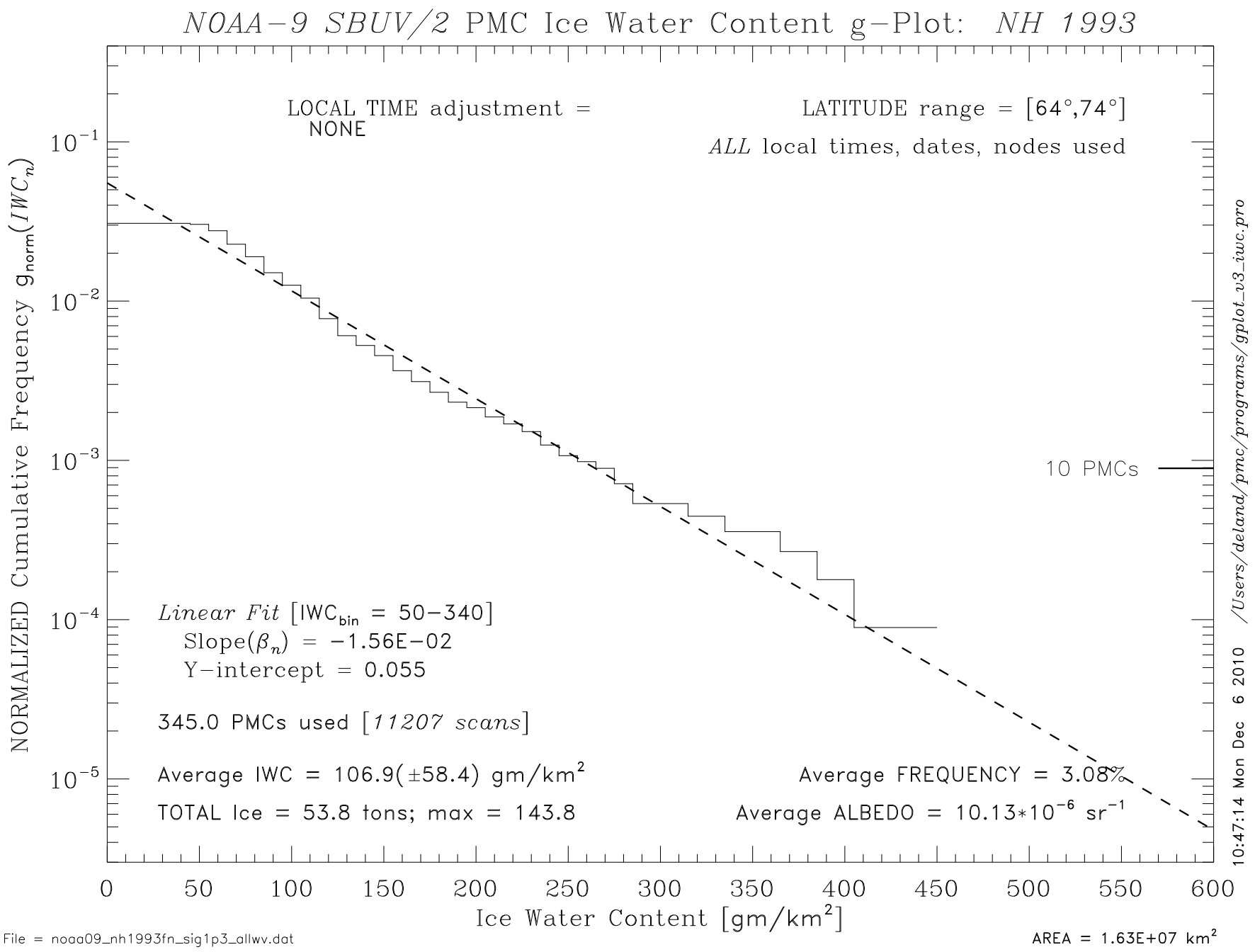

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1986
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50−430]
Slope(β_n) = −1.55E−02
Y−intercept = 0.129
1070.0 PMCs used [15230 scans]
Average IWC = 107.5(±61.4) gm/km^2
TOTAL Ice = 123.4 tons; max = 354.2
Average FREQUENCY = 7.03%
Average ALBEDO = 11.49∗10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:46:33 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1986fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

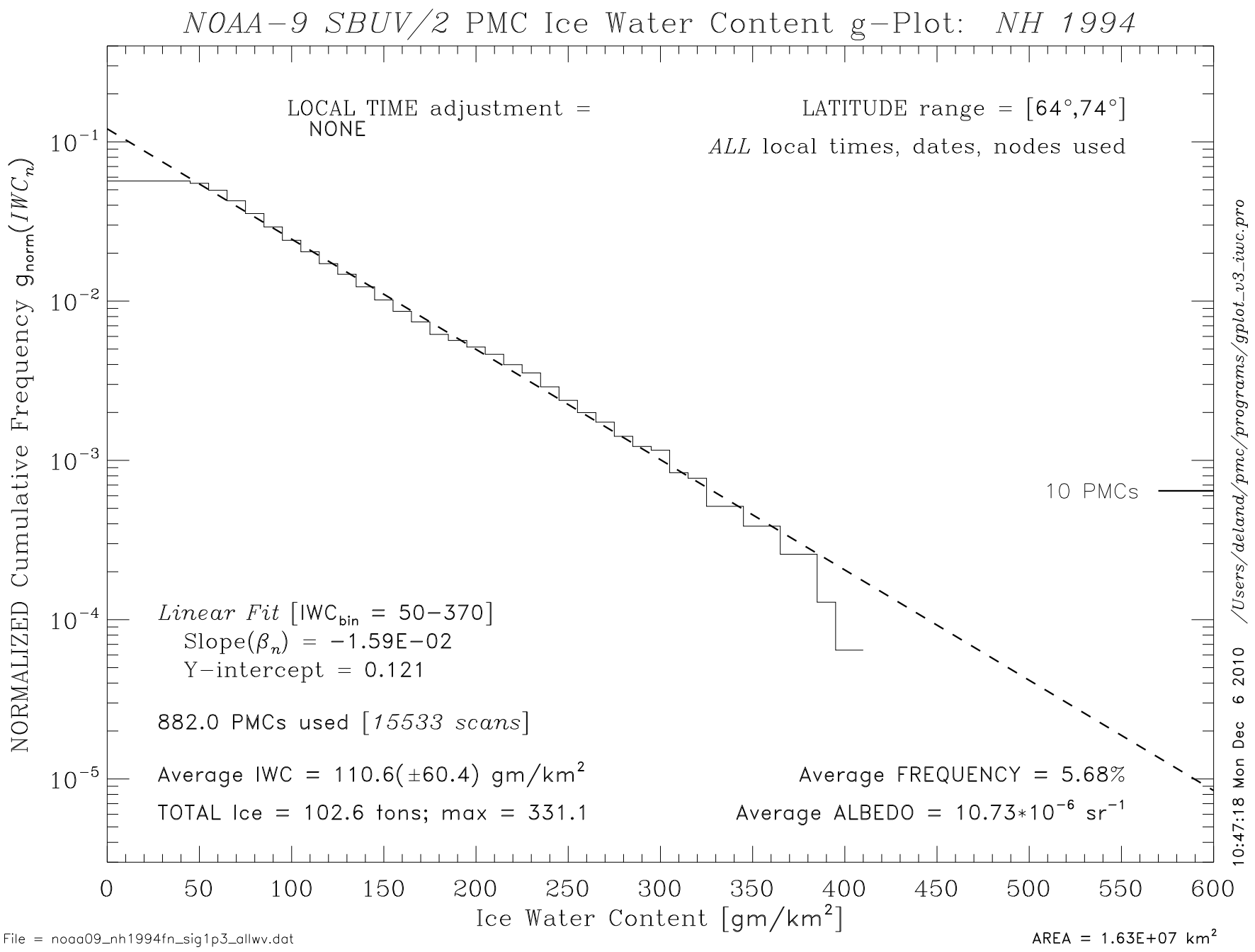

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1987
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50−320]
Slope(β_n) = −1.98E−02
Y−intercept = 0.113
856.0 PMCs used [15686 scans]
Average IWC = 93.7(±47.3) gm/km^2
TOTAL Ice = 83.5 tons; max = 259.9
Average FREQUENCY = 5.46%
Average ALBEDO = 10.12×10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:46:37 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1987fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

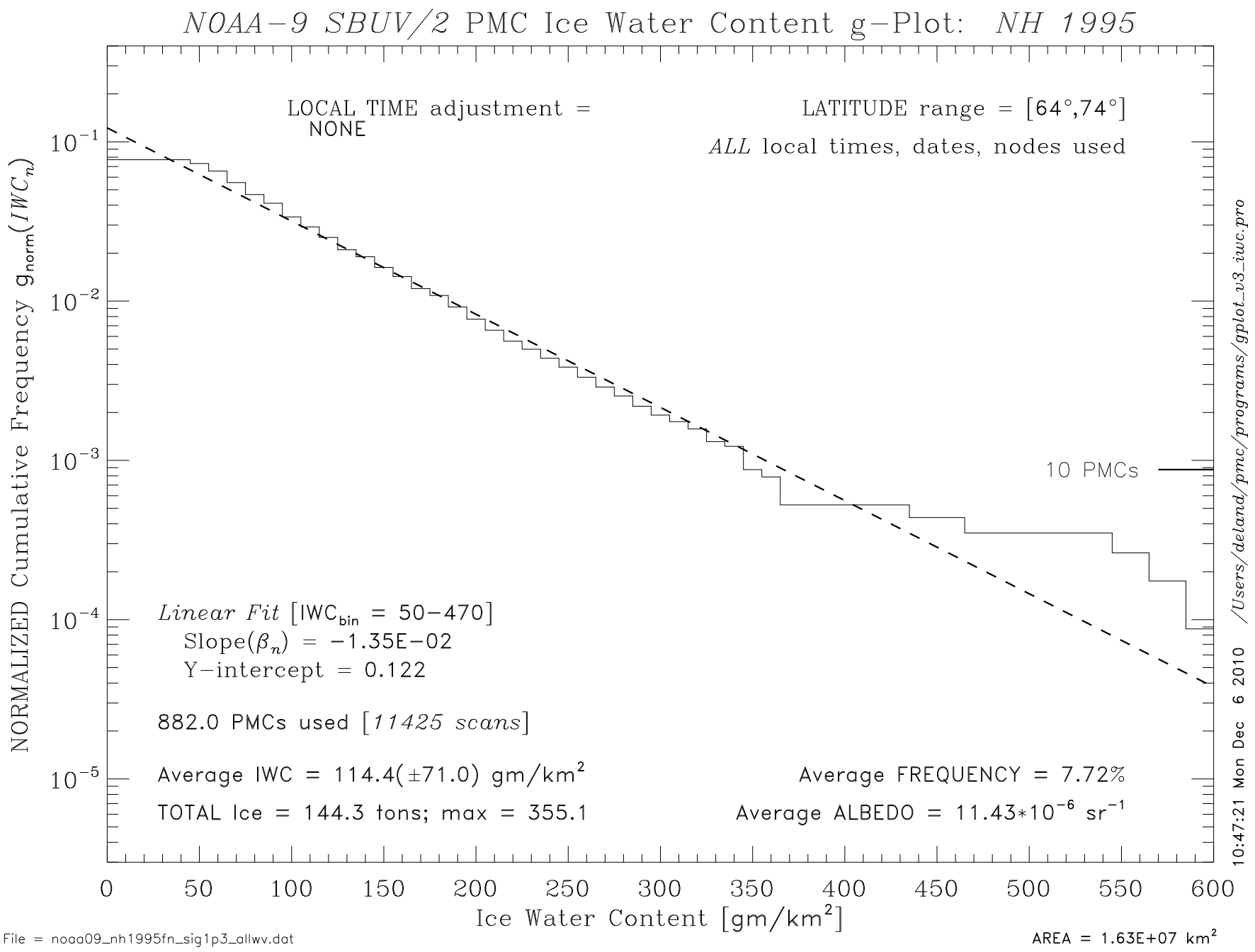

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1988
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−380]
Slope(β_n) = −1.54E−02
Y−intercept = 0.108
906.0 PMCs used [16494 scans]
Average IWC = 111.8(±60.9) gm/km²
TOTAL Ice = 100.3 tons; max = 303.0
Average FREQUENCY = 5.49%
Average ALBEDO = 11.22*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:46:42 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1988fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

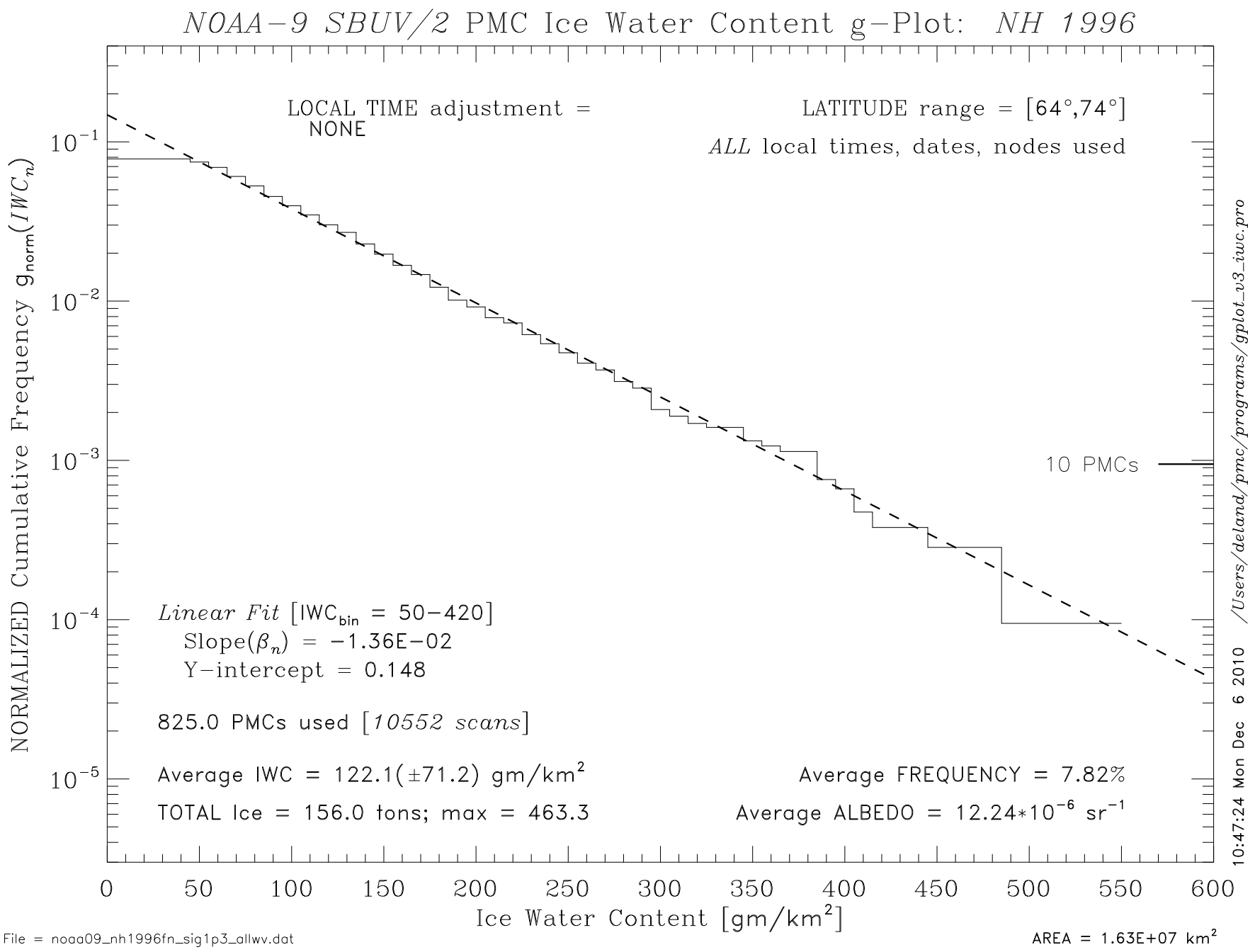

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1989
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50−340]
Slope(β_n) = −1.81E−02
Y−intercept = 0.109
676.0 PMCs used [15340 scans]
Average IWC = 106.4(±53.4) gm/km^2
TOTAL Ice = 76.6 tons; max = 287.2
Average FREQUENCY = 4.41%
Average ALBEDO = 10.58∗10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:46:47 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1989fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

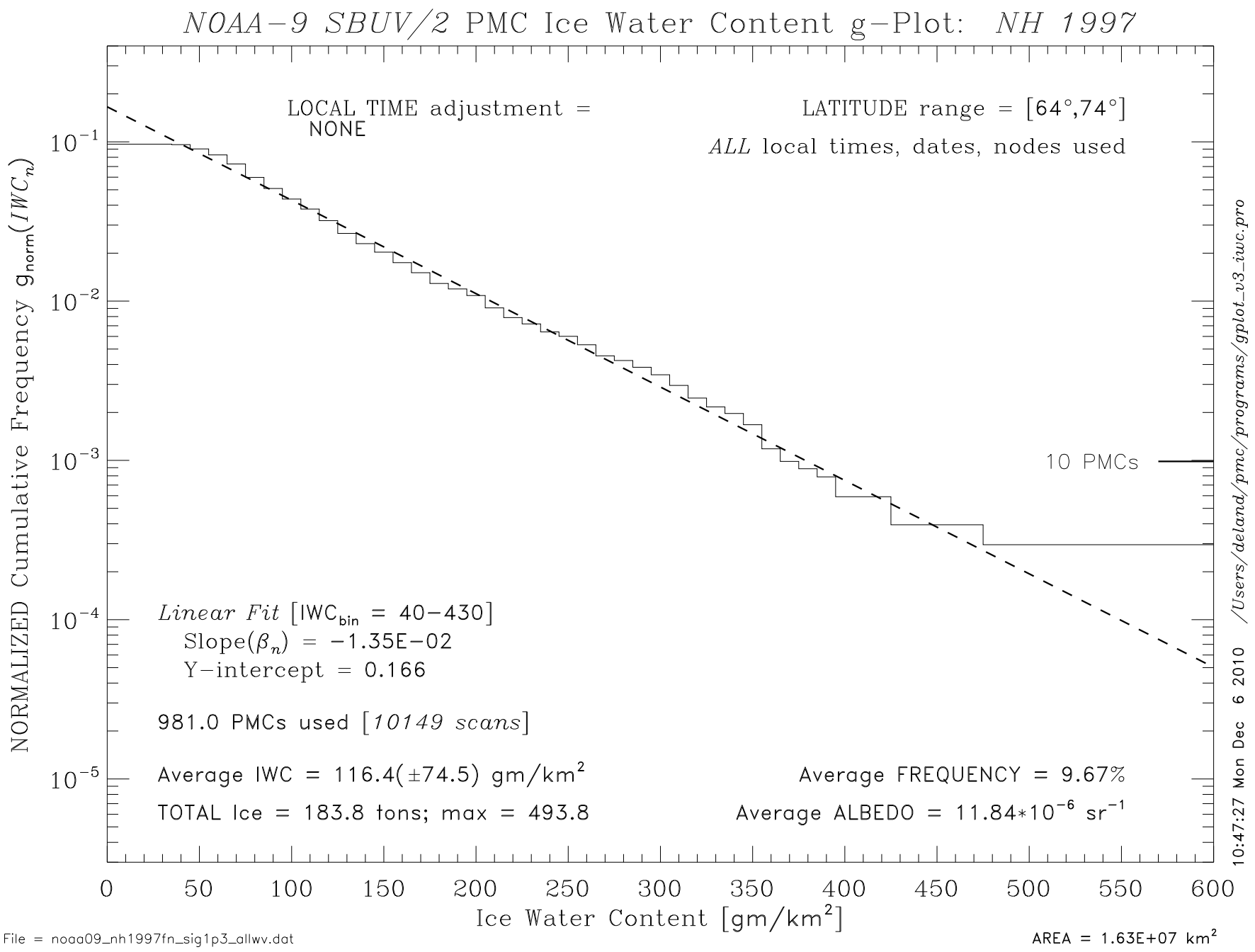

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1992
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50−220]
Slope(β_n) = −2.24E−02
Y−intercept = 0.046
254.0 PMCs used [15542 scans]
Average IWC = 91.5(±41.4) gm/km^2
TOTAL Ice = 24.5 tons; max = 100.2
Average FREQUENCY = 1.63%
Average ALBEDO = 9.31∗10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:47:10 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1992fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

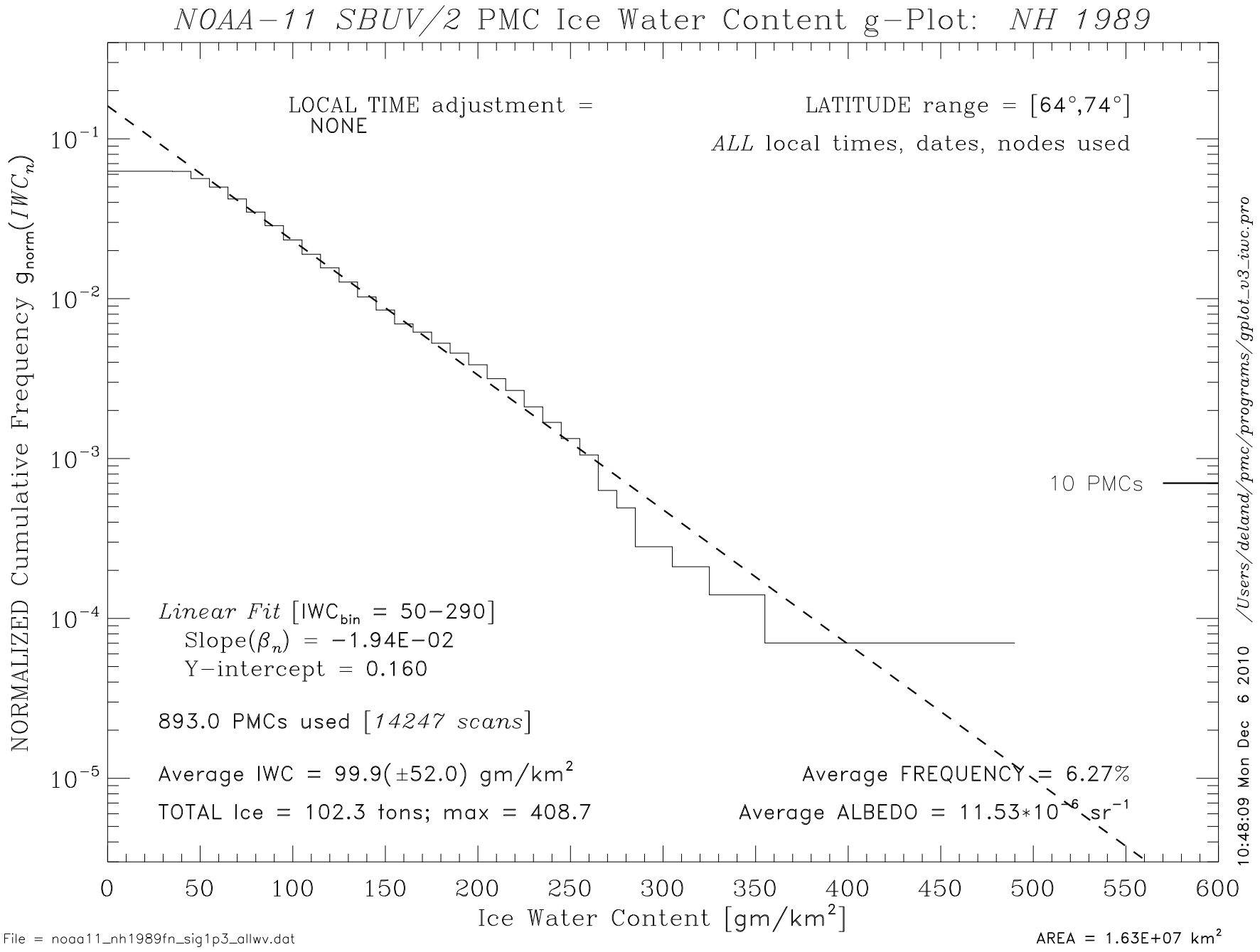

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1993
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−340]
Slope(β_n) = −1.56E−02
Y−intercept = 0.055
345.0 PMCs used [11207 scans]
Average IWC = 106.9(±58.4) gm/km²
TOTAL Ice = 53.8 tons; max = 143.8
Average FREQUENCY = 3.08%
Average ALBEDO = 10.13*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:47:14 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1993fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

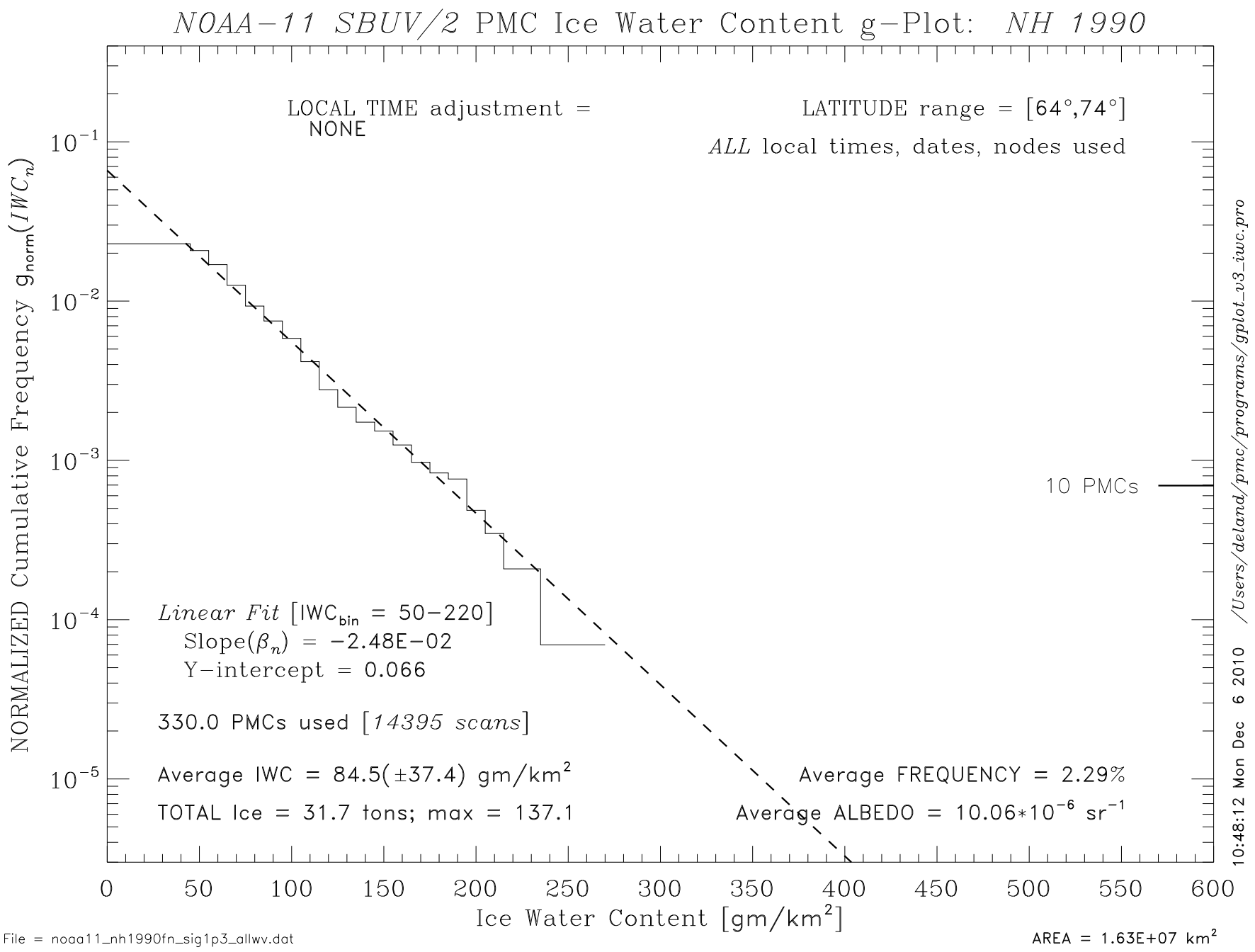

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1994
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50−370]
Slope(β_n) = −1.59E−02
Y−intercept = 0.121
882.0 PMCs used [15533 scans]
Average IWC = 110.6(±60.4) gm/km²
TOTAL Ice = 102.6 tons; max = 331.1
Average FREQUENCY = 5.68%
Average ALBEDO = 10.73*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:47:18 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1994fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

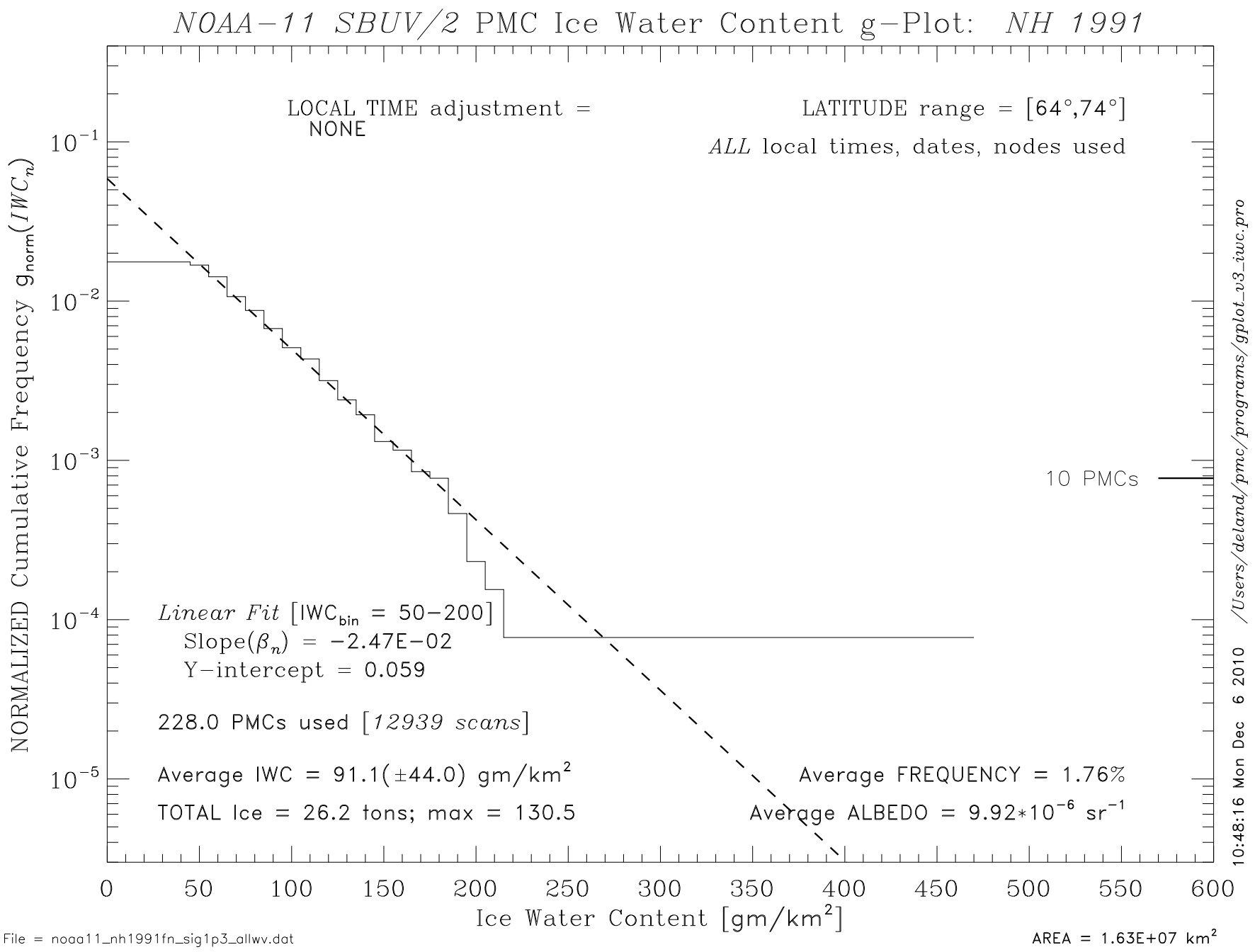

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1995
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50−470]
Slope(β_n) = −1.35E−02
Y−intercept = 0.122
882.0 PMCs used [11425 scans]
Average IWC = 114.4(±71.0) gm/km^2
TOTAL Ice = 144.3 tons; max = 355.1
Average FREQUENCY = 7.72%
Average ALBEDO = 11.43∗10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:47:21 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1995fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

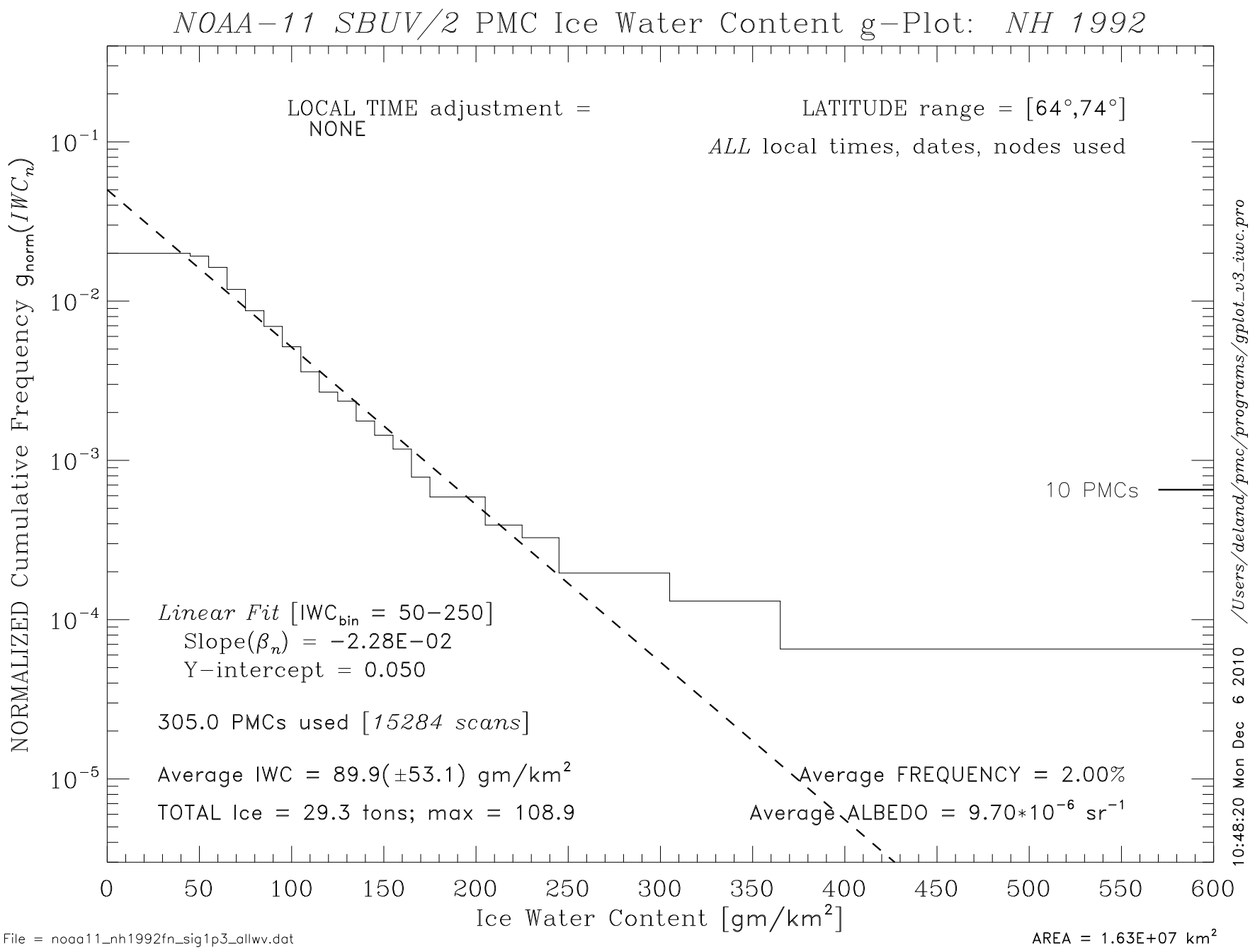

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1996
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50−420]
Slope(β_n) = −1.36E−02
Y−intercept = 0.148
825.0 PMCs used [10552 scans]
Average IWC = 122.1(±71.2) gm/km^2
TOTAL Ice = 156.0 tons; max = 463.3
Average FREQUENCY = 7.82%
Average ALBEDO = 12.24∗10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:47:24 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1996fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

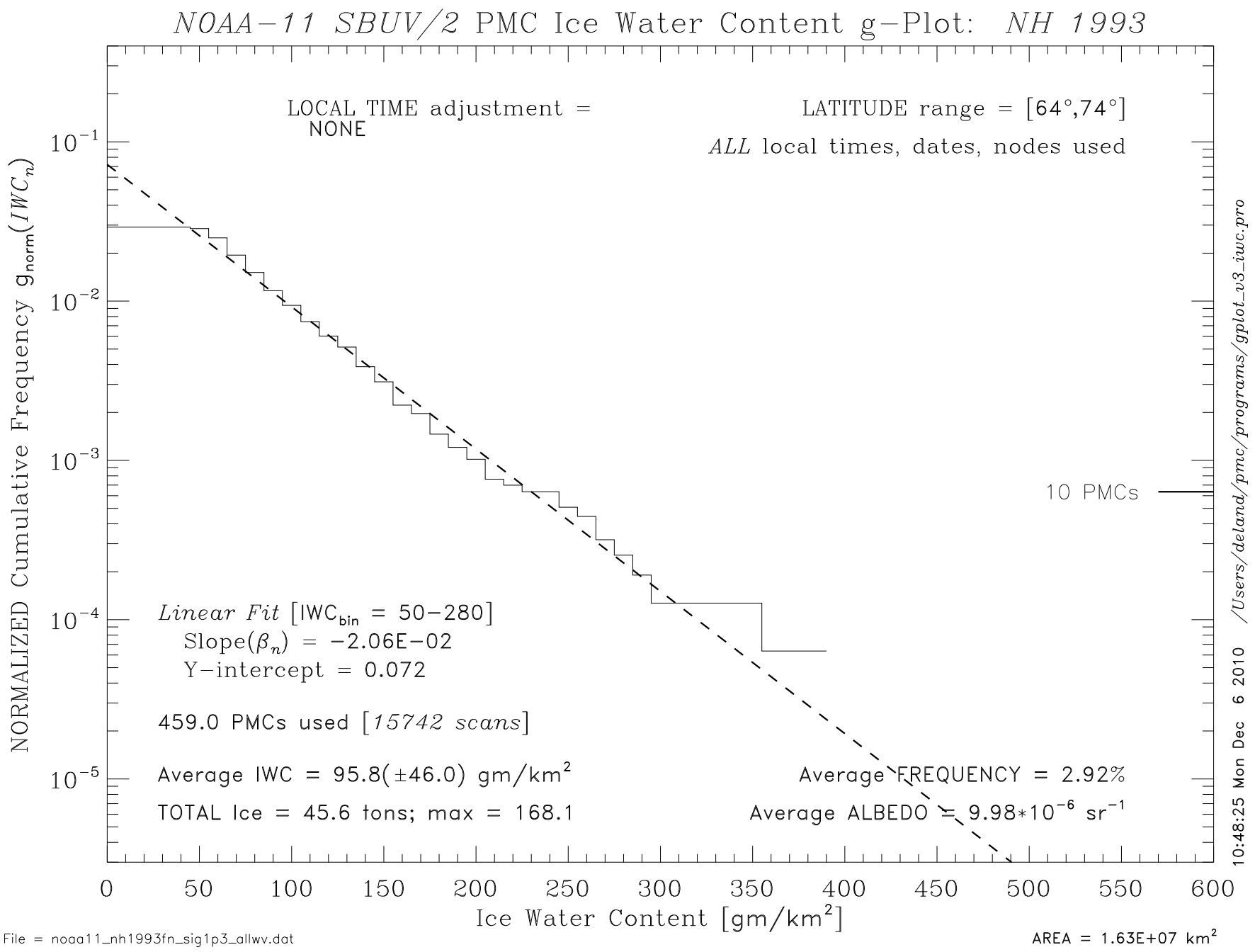

NOAA−9 SBUV/2 PMC Ice Water Content g−Plot: NH 1997
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−430]
Slope(β_n) = −1.35E−02
Y−intercept = 0.166
981.0 PMCs used [10149 scans]
Average IWC = 116.4(±74.5) gm/km²
TOTAL Ice = 183.8 tons; max = 493.8
Average FREQUENCY = 9.67%
Average ALBEDO = 11.84*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:47:27 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa09_nh1997fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

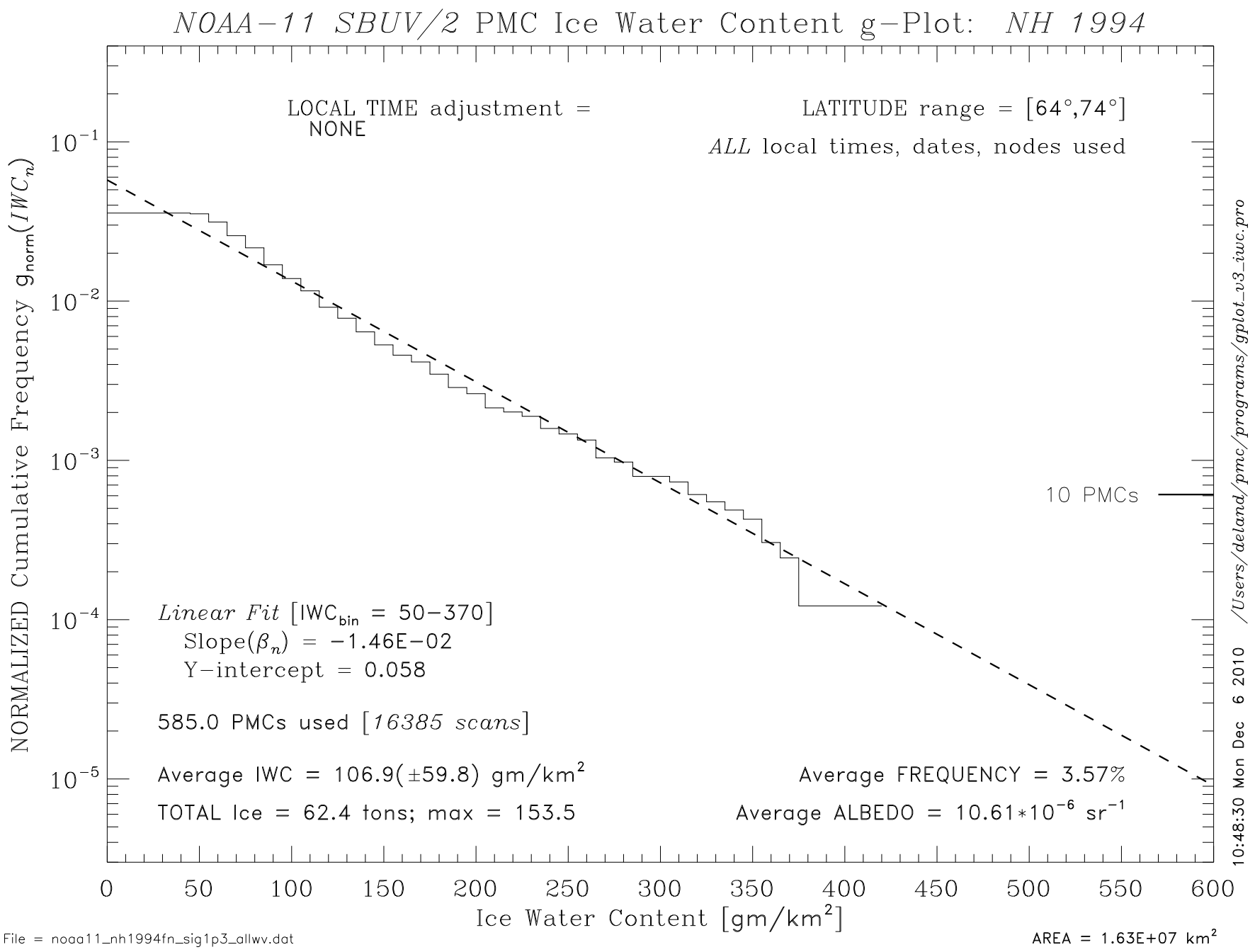

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1989
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-290]
Slope(β_n) = -1.94E-02
Y-intercept = 0.160
893.0 PMCs used [14247 scans]
Average IWC = 99.9(±52.0) gm/km²
TOTAL Ice = 102.3 tons; max = 408.7
Average FREQUENCY = 6.27%
Average ALBEDO = 11.53*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:48:09 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1989fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

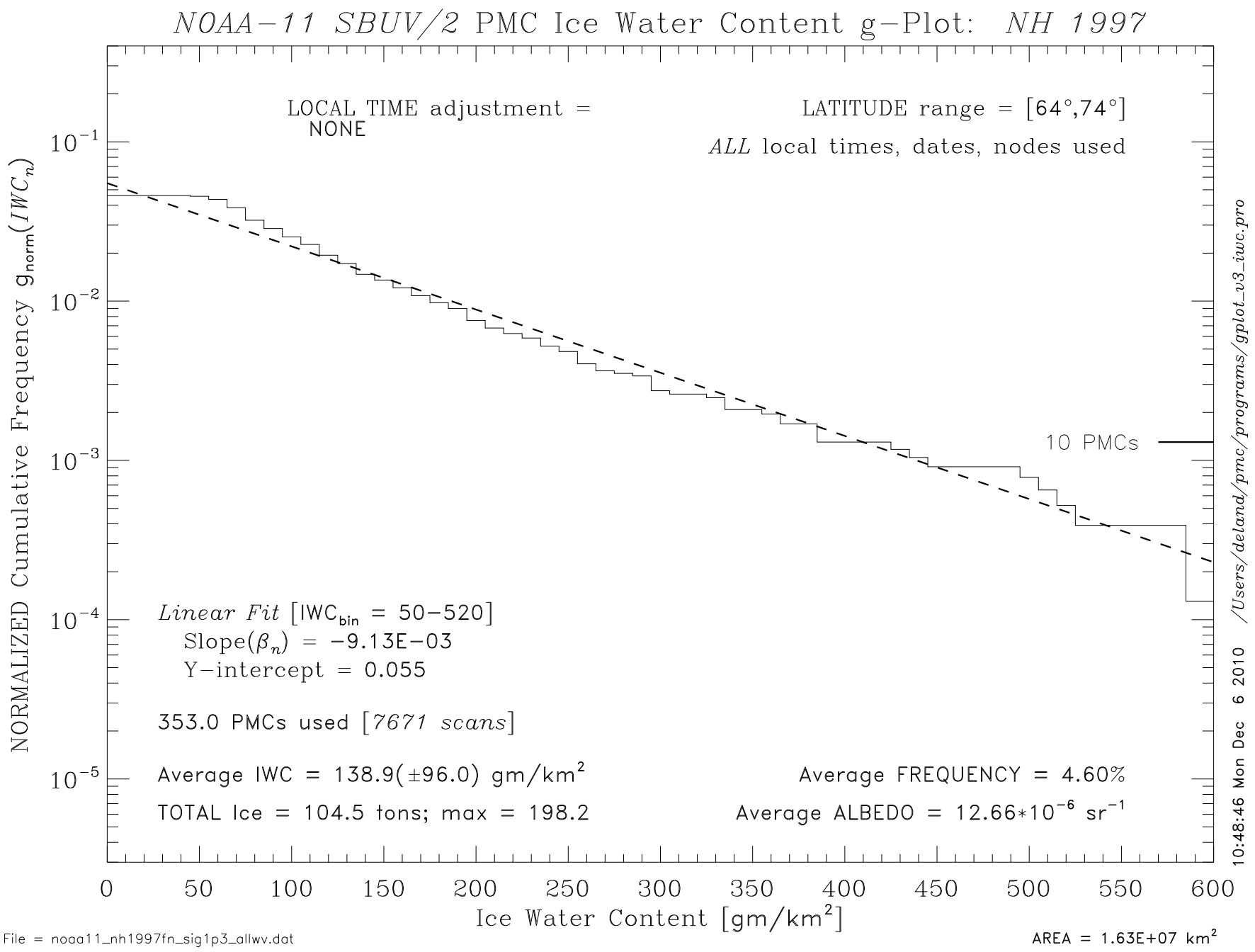

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1990
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-220]
Slope(β_n) = -2.48E-02
Y-intercept = 0.066
330.0 PMCs used [14395 scans]
Average IWC = 84.5(±37.4) gm/km²
TOTAL Ice = 31.7 tons; max = 137.1
Average FREQUENCY = 2.29%
Average ALBEDO = 10.06*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:48:12 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1990fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

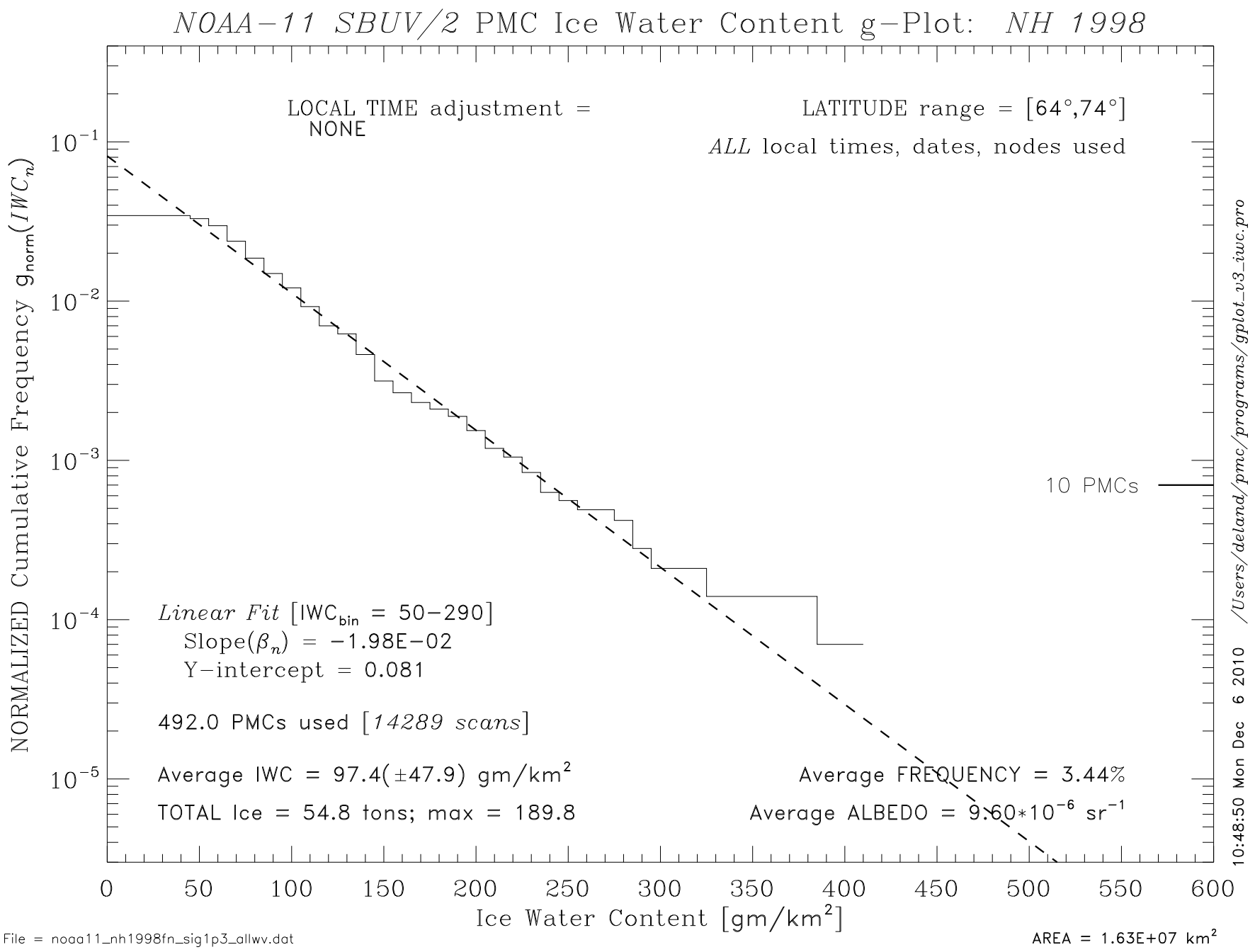

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1991
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-200]
Slope(β_n) = -2.47E-02
Y-intercept = 0.059
228.0 PMCs used [12939 scans]
Average IWC = 91.1(±44.0) gm/km^2
TOTAL Ice = 26.2 tons; max = 130.5
Average FREQUENCY = 1.76%
Average ALBEDO = 9.92*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:48:16 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1991fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

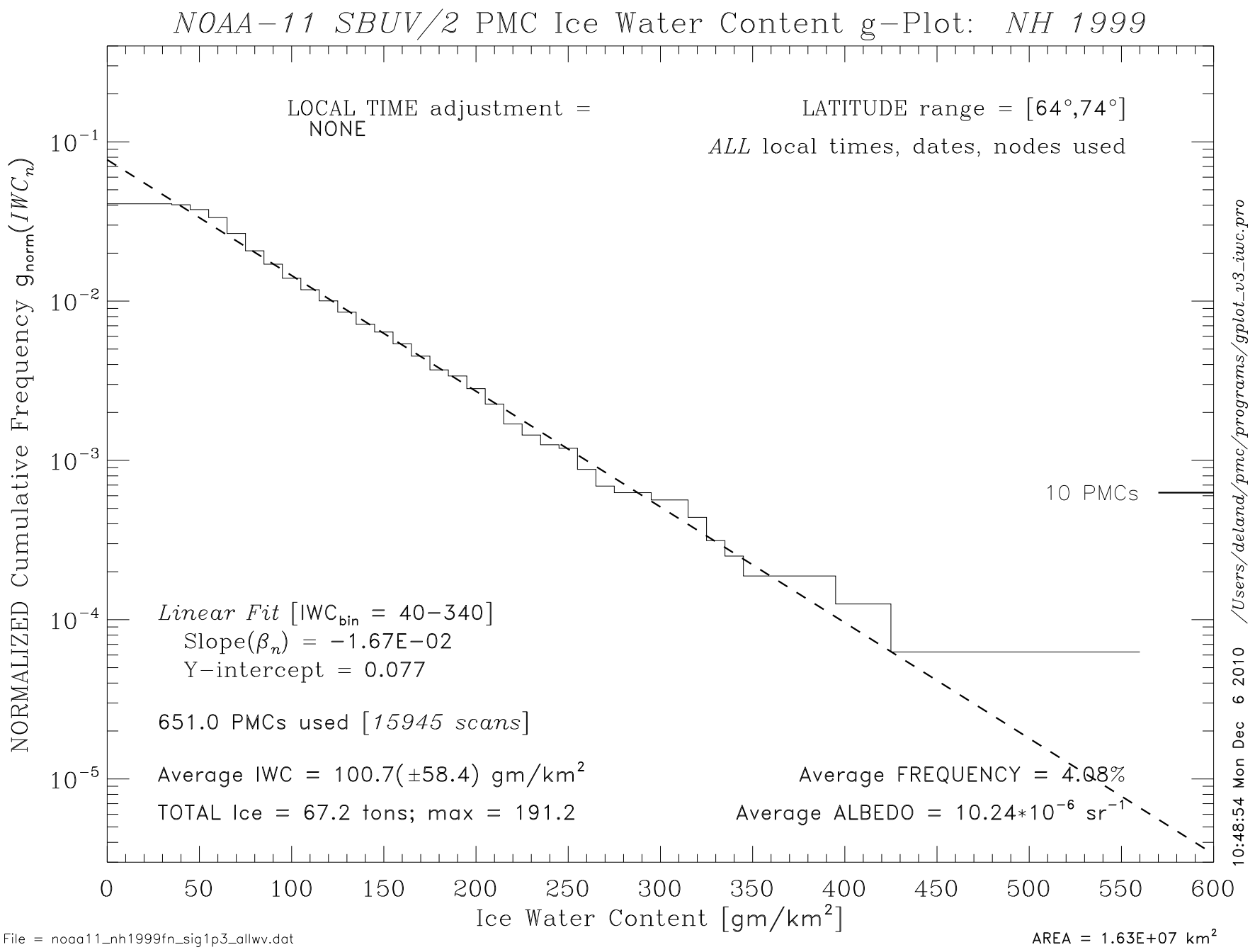

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1992
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-250]
Slope(β_n) = -2.28E-02
Y-intercept = 0.050
305.0 PMCs used [15284 scans]
Average IWC = 89.9(±53.1) gm/km^2
TOTAL Ice = 29.3 tons; max = 108.9
Average FREQUENCY = 2.00%
Average ALBEDO = 9.70*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:48:20 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1992fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

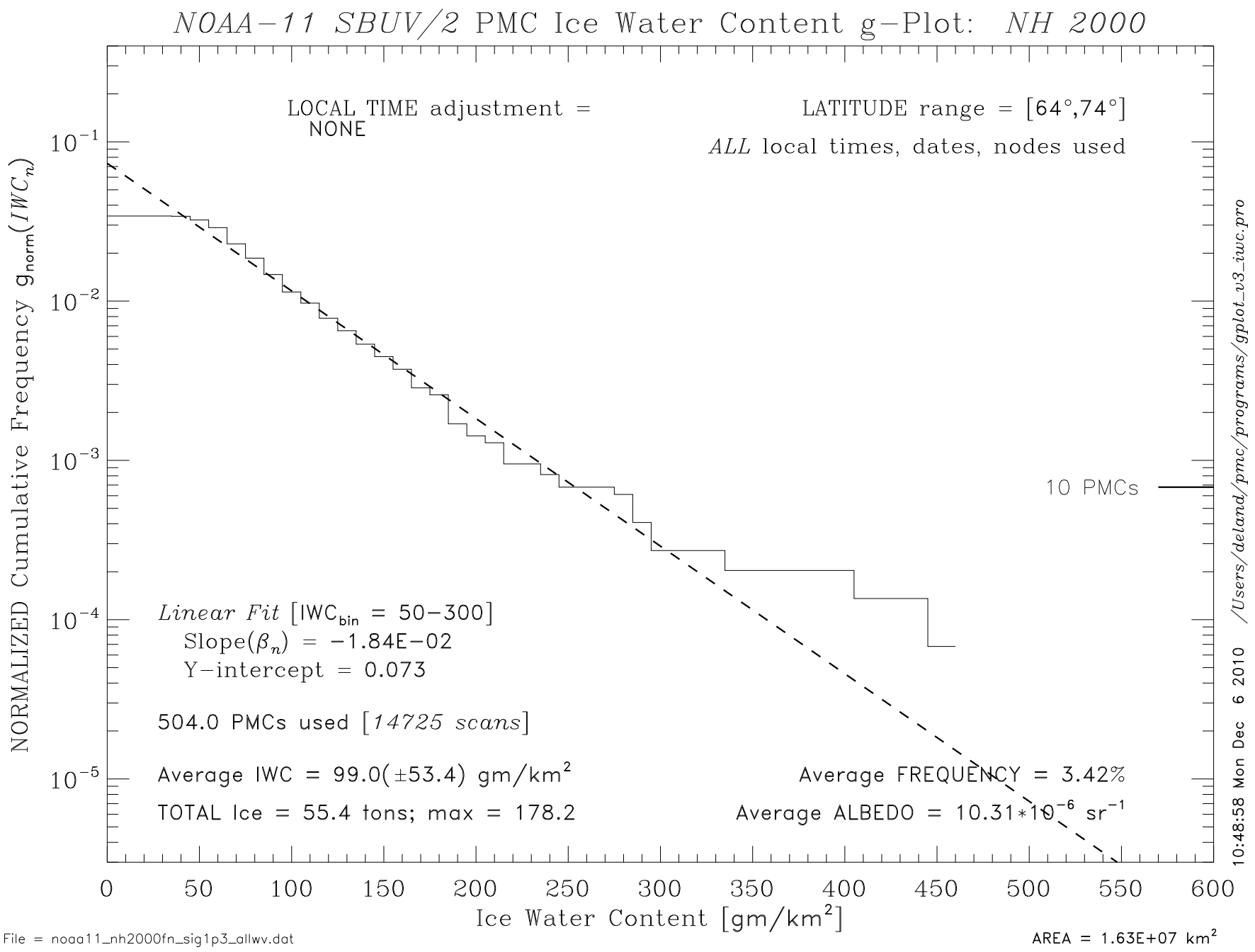

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1993
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-280]
Slope(β_n) = -2.06E-02
Y-intercept = 0.072
459.0 PMCs used [15742 scans]
Average IWC = 95.8(±46.0) gm/km^2
TOTAL Ice = 45.6 tons; max = 168.1
Average FREQUENCY = 2.92%
Average ALBEDO = 9.98*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:48:25 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1993fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

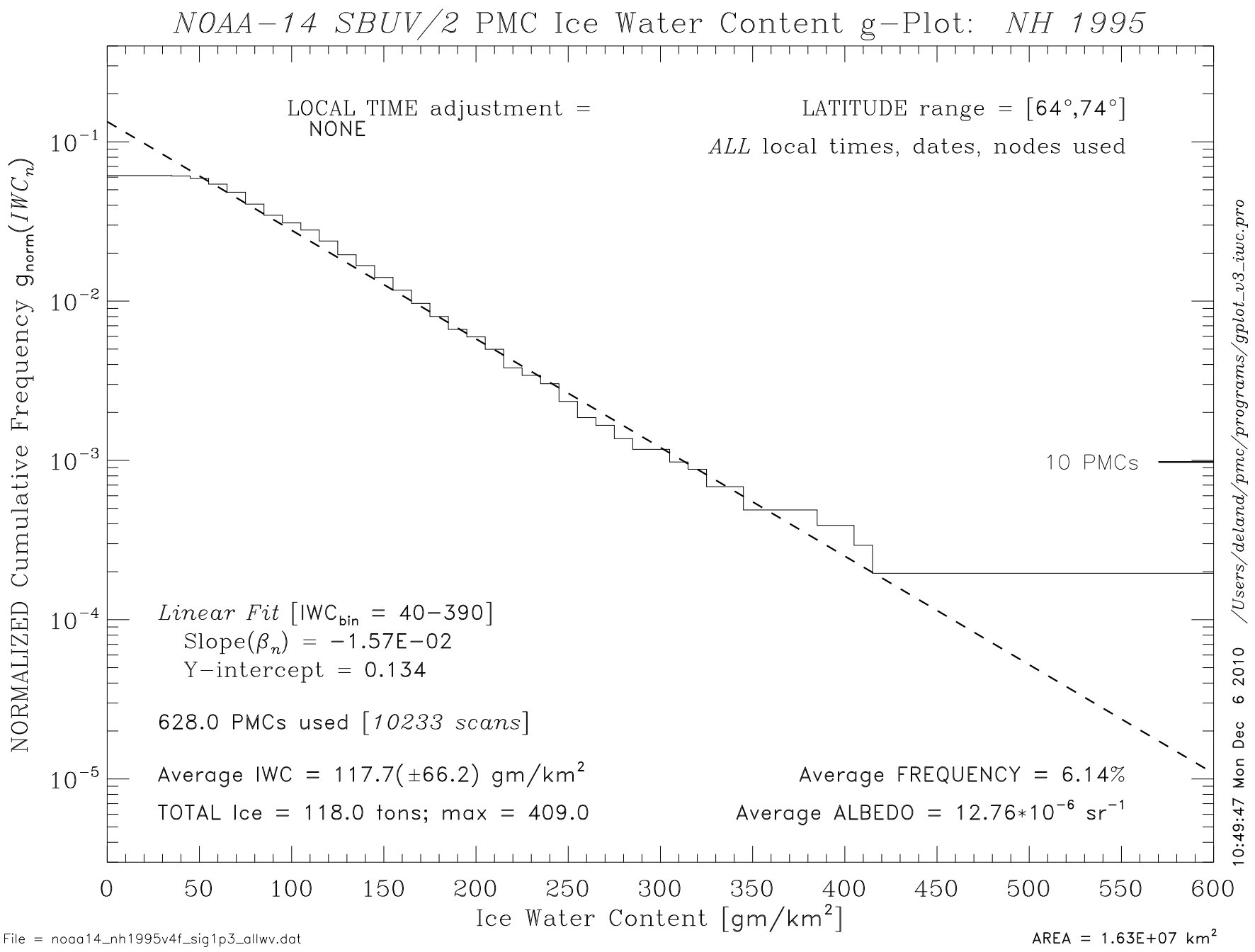

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1994
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-370]
Slope(β_n) = -1.46E-02
Y-intercept = 0.058
585.0 PMCs used [16385 scans]
Average IWC = 106.9(±59.8) gm/km^2
TOTAL Ice = 62.4 tons; max = 153.5
Average FREQUENCY = 3.57%
Average ALBEDO = 10.61*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:48:30 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1994fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

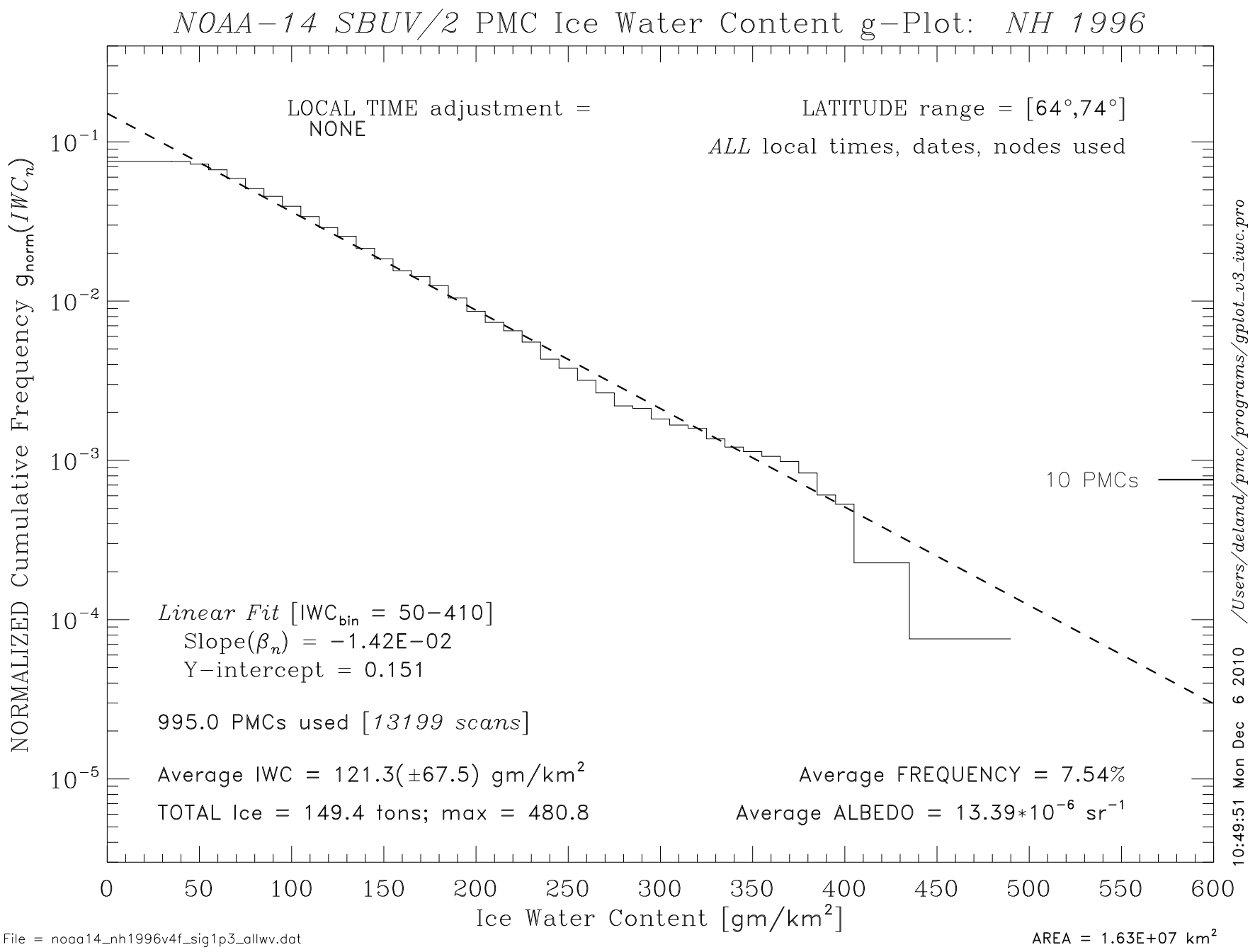

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1997
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50-520]
Slope(β_n) = -9.13E-03
Y-intercept = 0.055
353.0 PMCs used [7671 scans]
Average IWC = 138.9(±96.0) gm/km^2
TOTAL Ice = 104.5 tons; max = 198.2
Average FREQUENCY = 4.60%
Average ALBEDO = 12.66*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:48:46 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1997fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

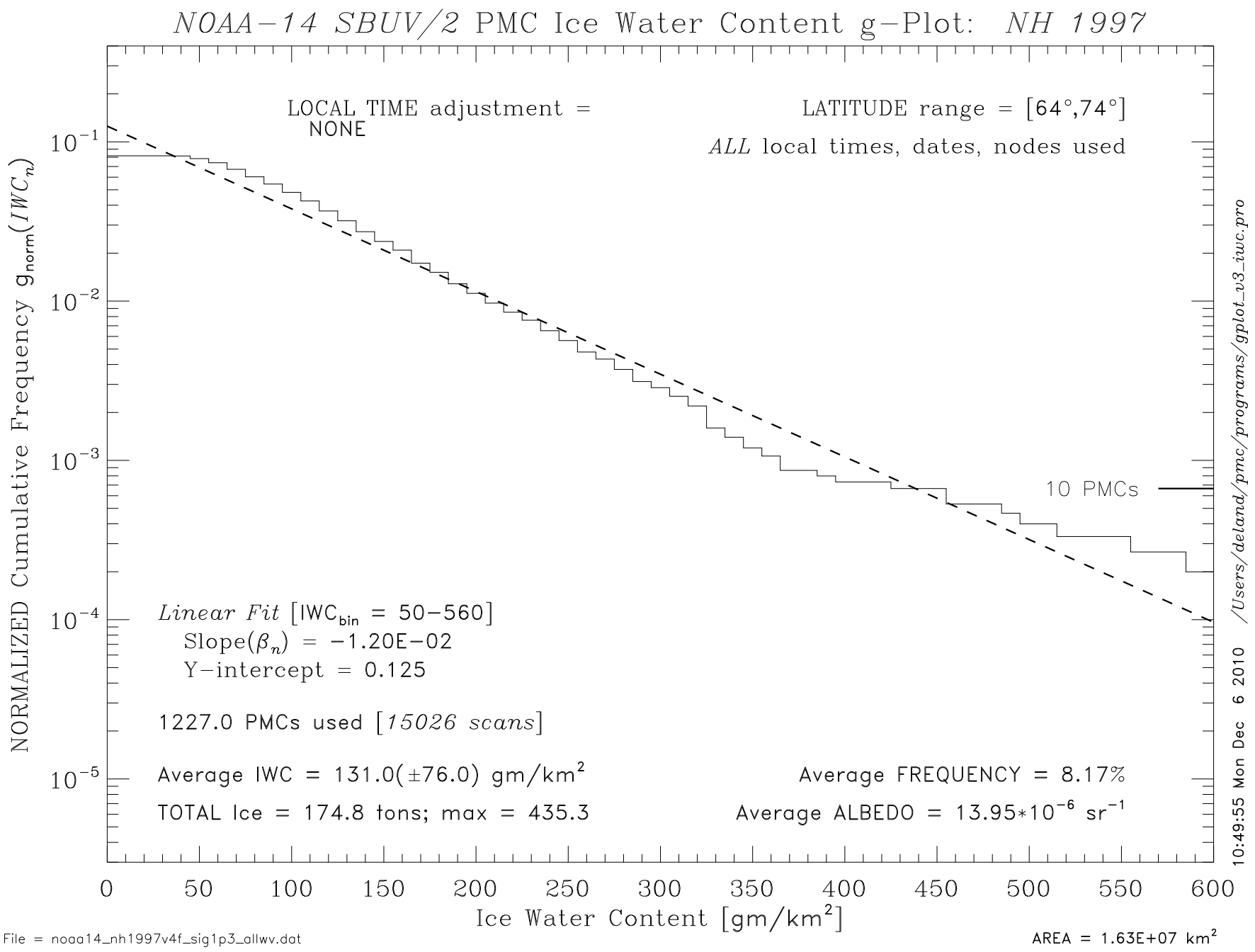

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1998
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-290]
Slope(β_n) = -1.98E-02
Y-intercept = 0.081
492.0 PMCs used [14289 scans]
Average IWC = 97.4(±47.9) gm/km^2
TOTAL Ice = 54.8 tons; max = 189.8
Average FREQUENCY = 3.44%
Average ALBEDO = 9.60*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:48:50 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1998fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

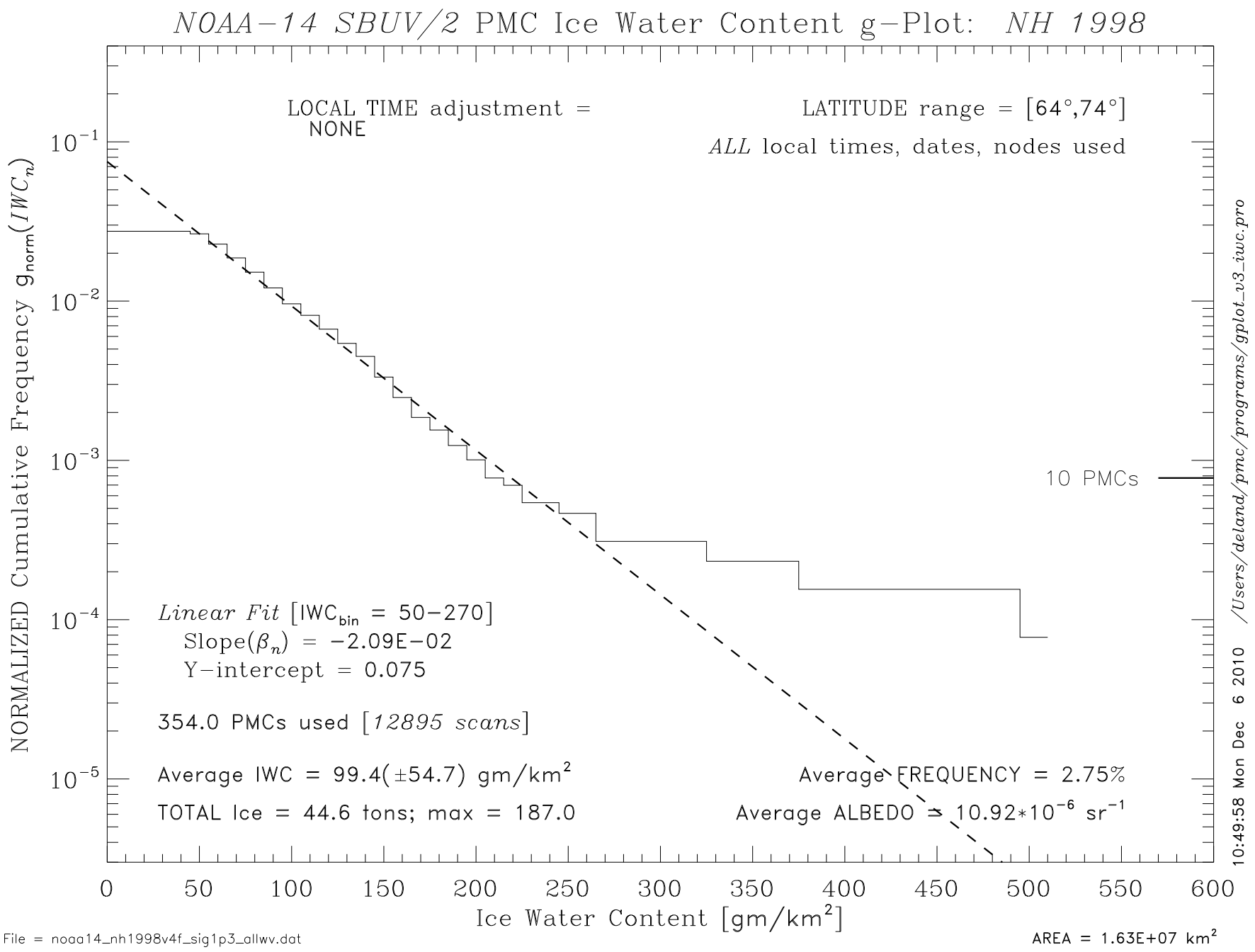

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 1999
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 40-340]
Slope(β_n) = -1.67E-02
Y-intercept = 0.077
651.0 PMCs used [15945 scans]
Average IWC = 100.7(±58.4) gm/km^2
TOTAL Ice = 67.2 tons; max = 191.2
Average FREQUENCY = 4.08%
Average ALBEDO = 10.24*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:48:54 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh1999fn_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

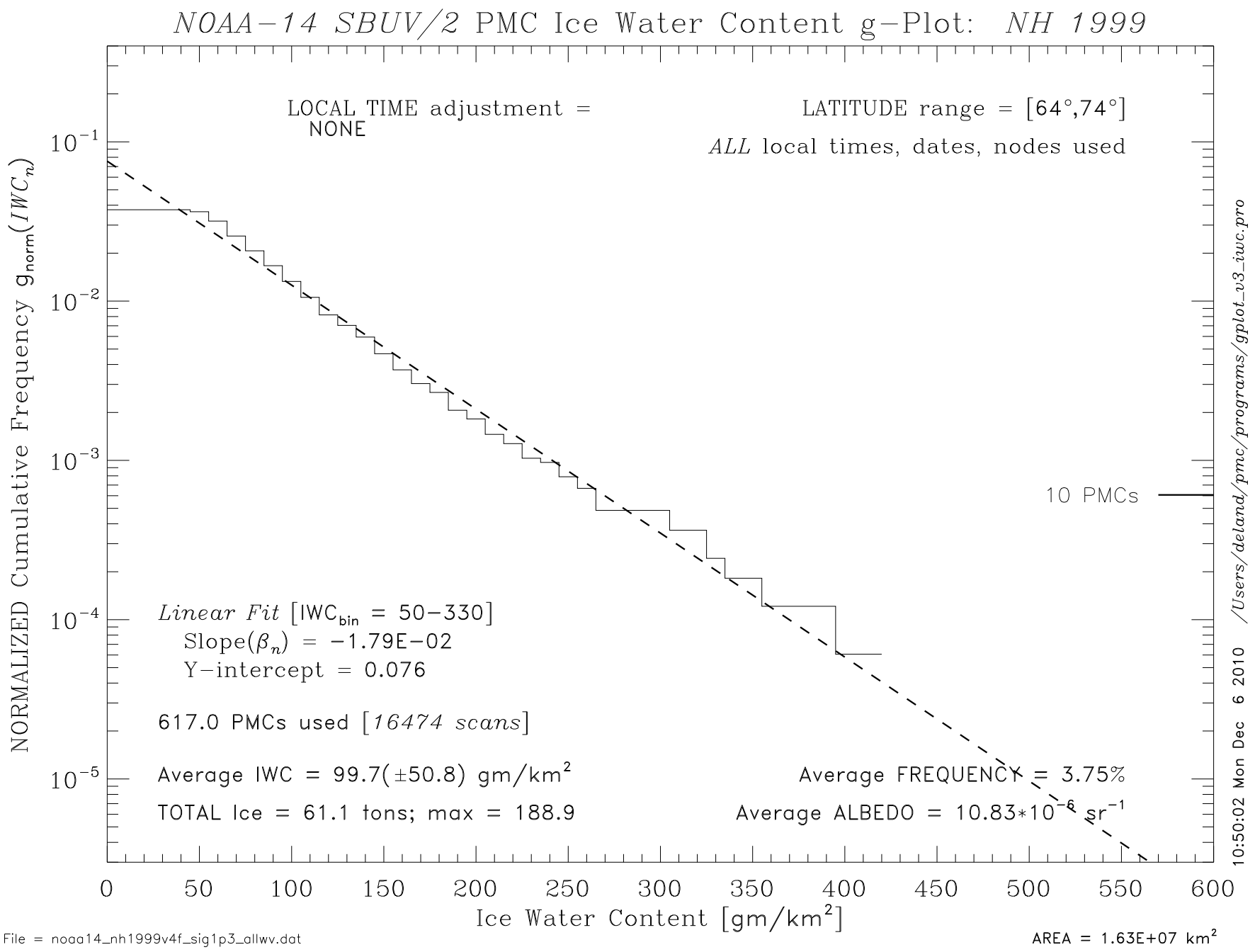

NOAA-11 SBUV/2 PMC Ice Water Content g-Plot: NH 2000
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-300]
Slope(β_n) = -1.84E-02
Y-intercept = 0.073
504.0 PMCs used [14725 scans]
Average IWC = 99.0(±53.4) gm/km²
TOTAL Ice = 55.4 tons; max = 178.2
Average FREQUENCY = 3.42%
Average ALBEDO = 10.31*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:48:58 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa11_nh2000fn_sig1p3_allwv.dat
AREA = 1.63E+07 km²

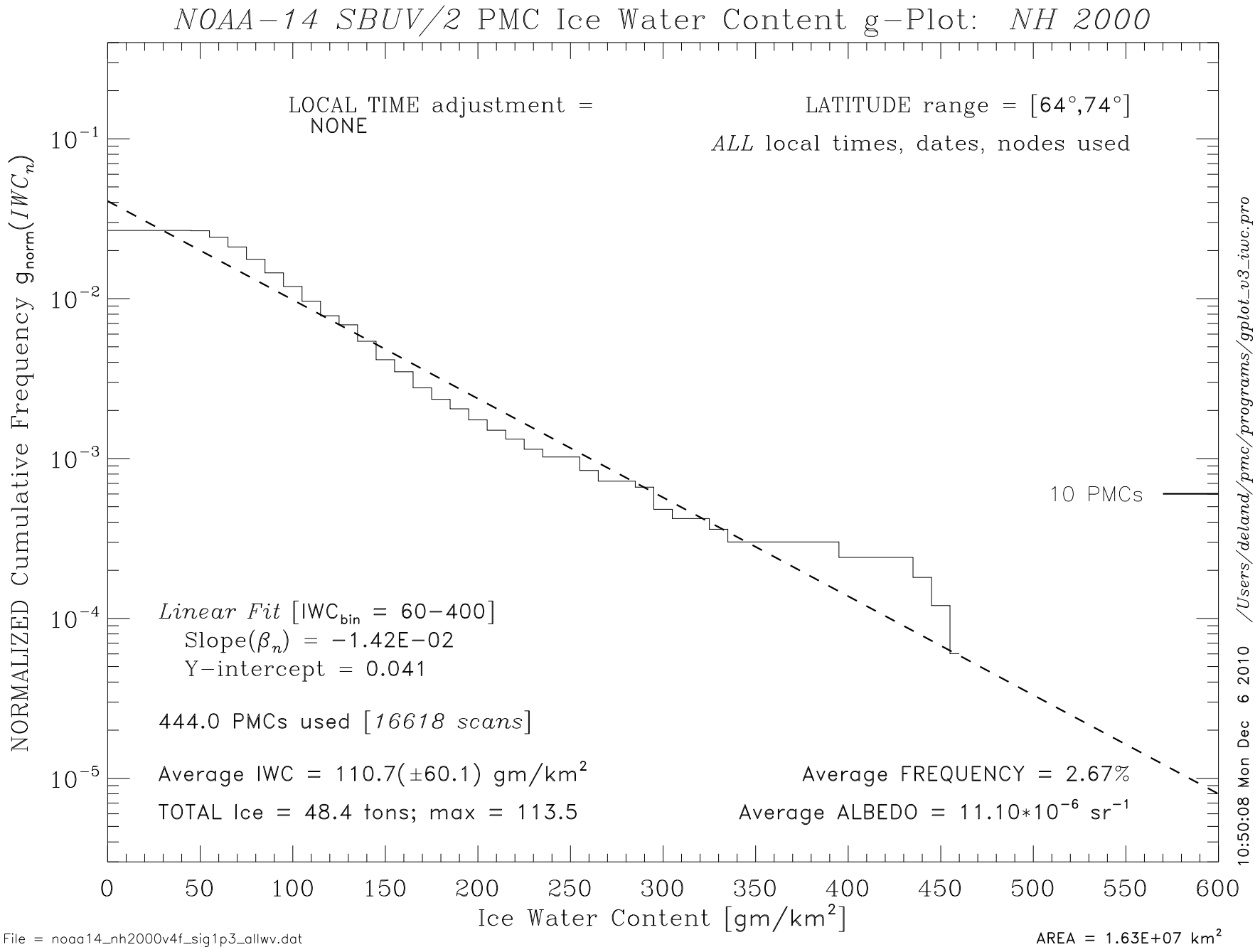

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: NH 1995
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 40−390]
Slope(β_n) = −1.57E−02
Y−intercept = 0.134
628.0 PMCs used [10233 scans]
Average IWC = 117.7(±66.2) gm/km^2
TOTAL Ice = 118.0 tons; max = 409.0
Average FREQUENCY = 6.14%
Average ALBEDO = 12.76∗10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:49:47 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh1995v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

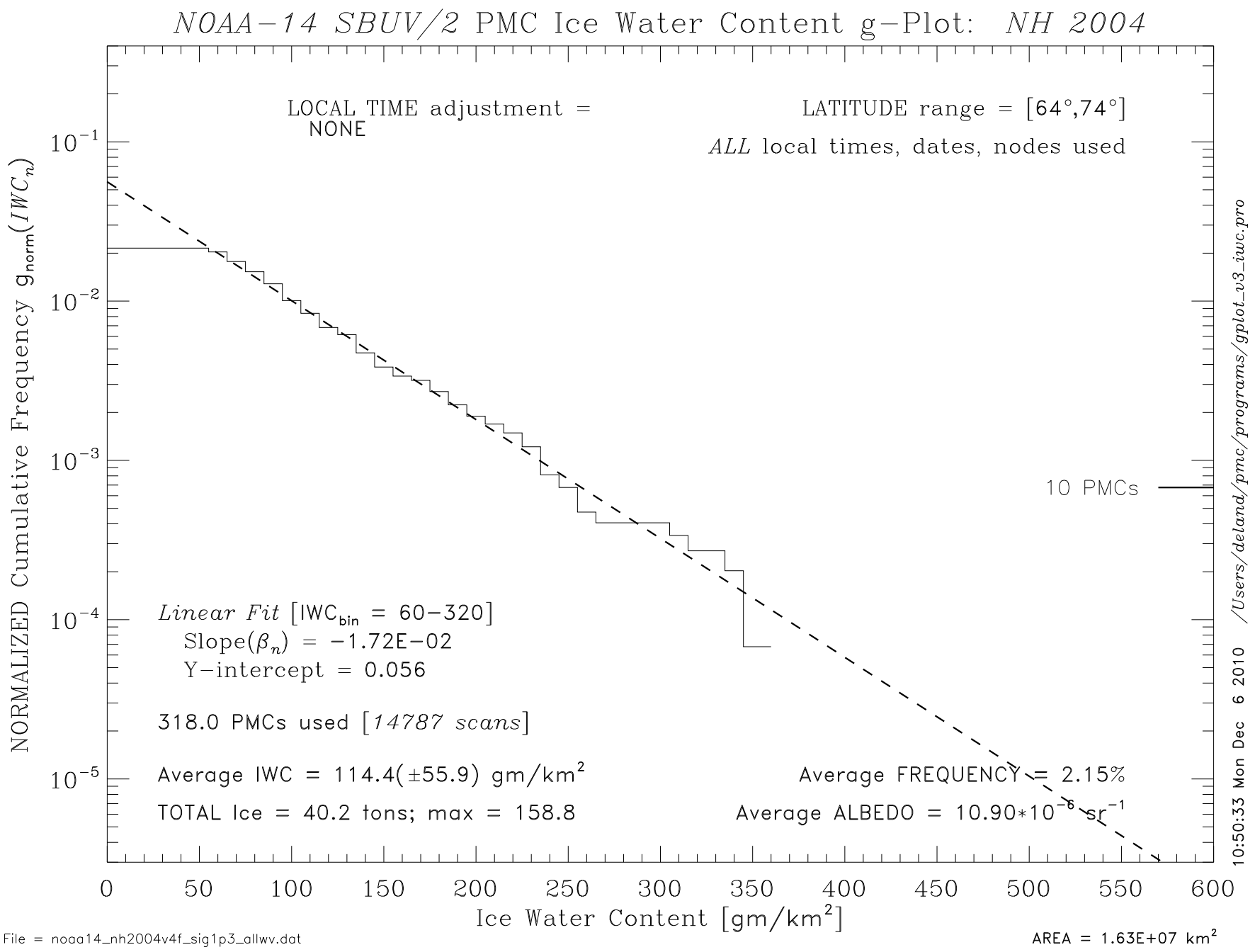

NOAA−14 SBUV/2 PMC Ice Water Content g−Plot: NH 1996
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50−410]
Slope(β_n) = −1.42E−02
Y−intercept = 0.151
995.0 PMCs used [13199 scans]
Average IWC = 121.3(±67.5) gm/km^2
TOTAL Ice = 149.4 tons; max = 480.8
Average FREQUENCY = 7.54%
Average ALBEDO = 13.39∗10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:49:51 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh1996v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

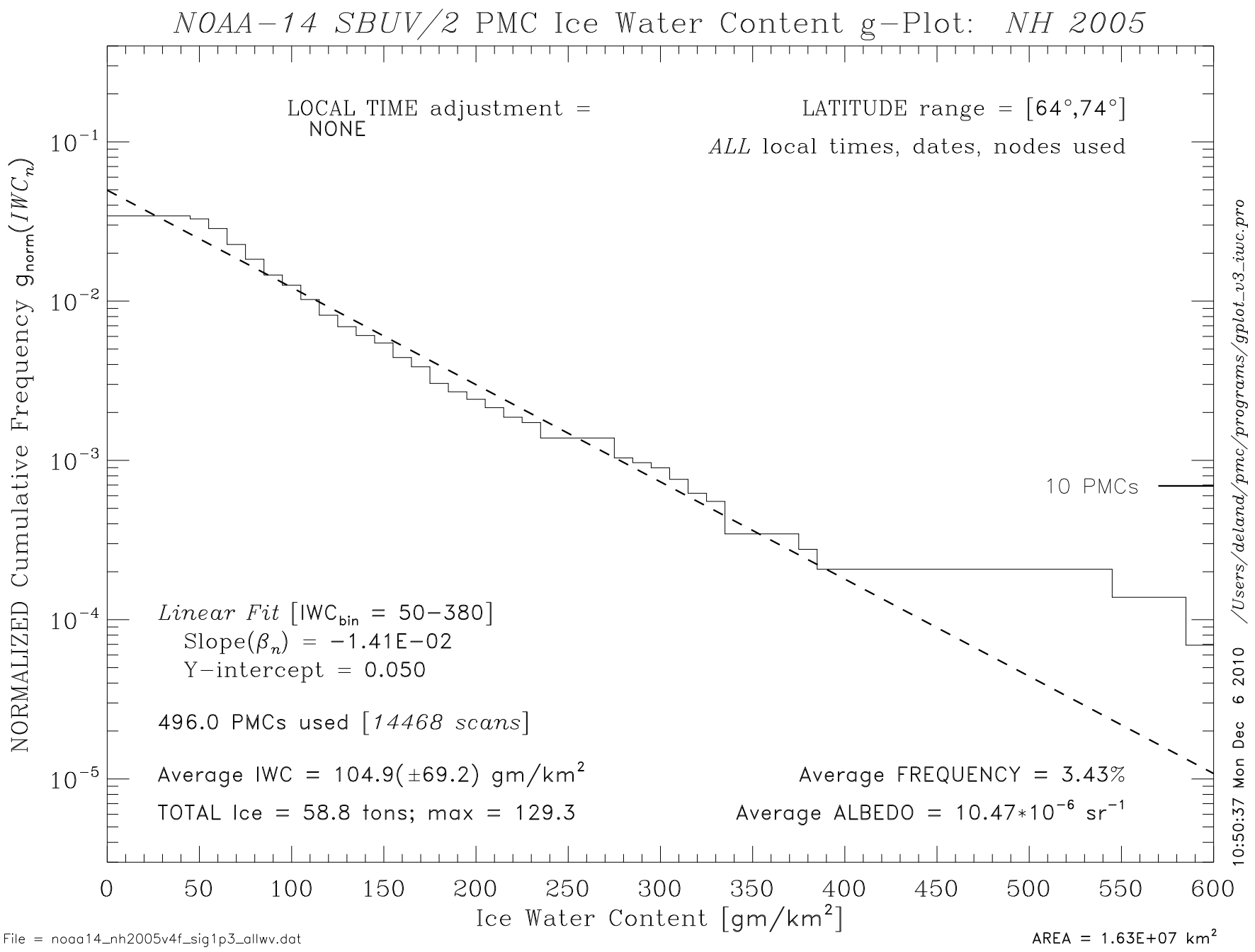

NOAA-14 SBUV/2 PMC Ice Water Content g-Plot: NH 1997
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-560]
Slope(β_n) = -1.20E-02
Y-intercept = 0.125
1227.0 PMCs used [15026 scans]
Average IWC = 131.0(±76.0) gm/km²
TOTAL Ice = 174.8 tons; max = 435.3
Average FREQUENCY = 8.17%
Average ALBEDO = 13.95*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:49:55 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh1997v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

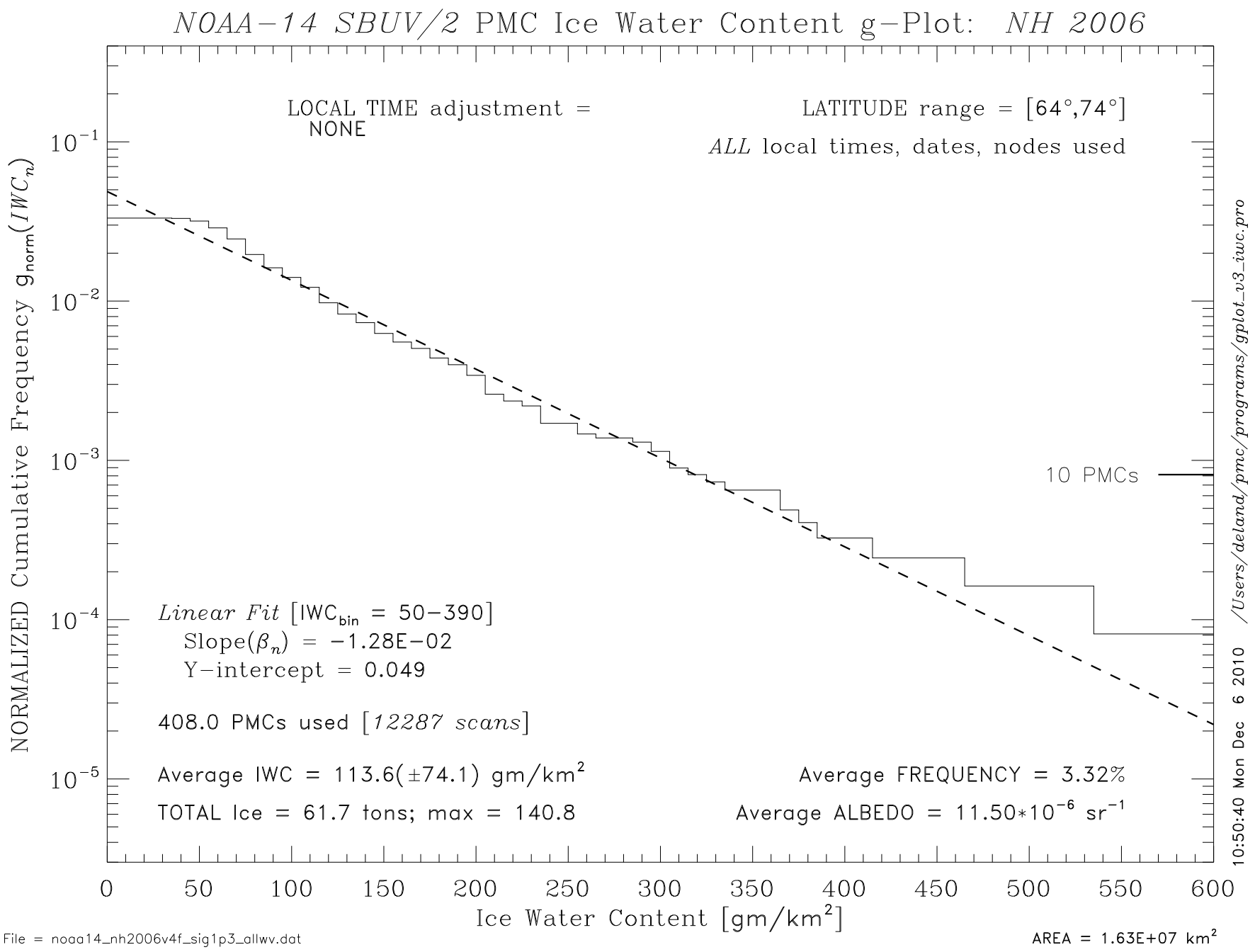

NOAA-14 SBUV/2 PMC Ice Water Content g-Plot: NH 1998
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-270]
Slope(β_n) = -2.09E-02
Y-intercept = 0.075
354.0 PMCs used [12895 scans]
Average IWC = 99.4(±54.7) gm/km^2
TOTAL Ice = 44.6 tons; max = 187.0
Average FREQUENCY = 2.75%
Average ALBEDO = 10.92*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:49:58 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh1998v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

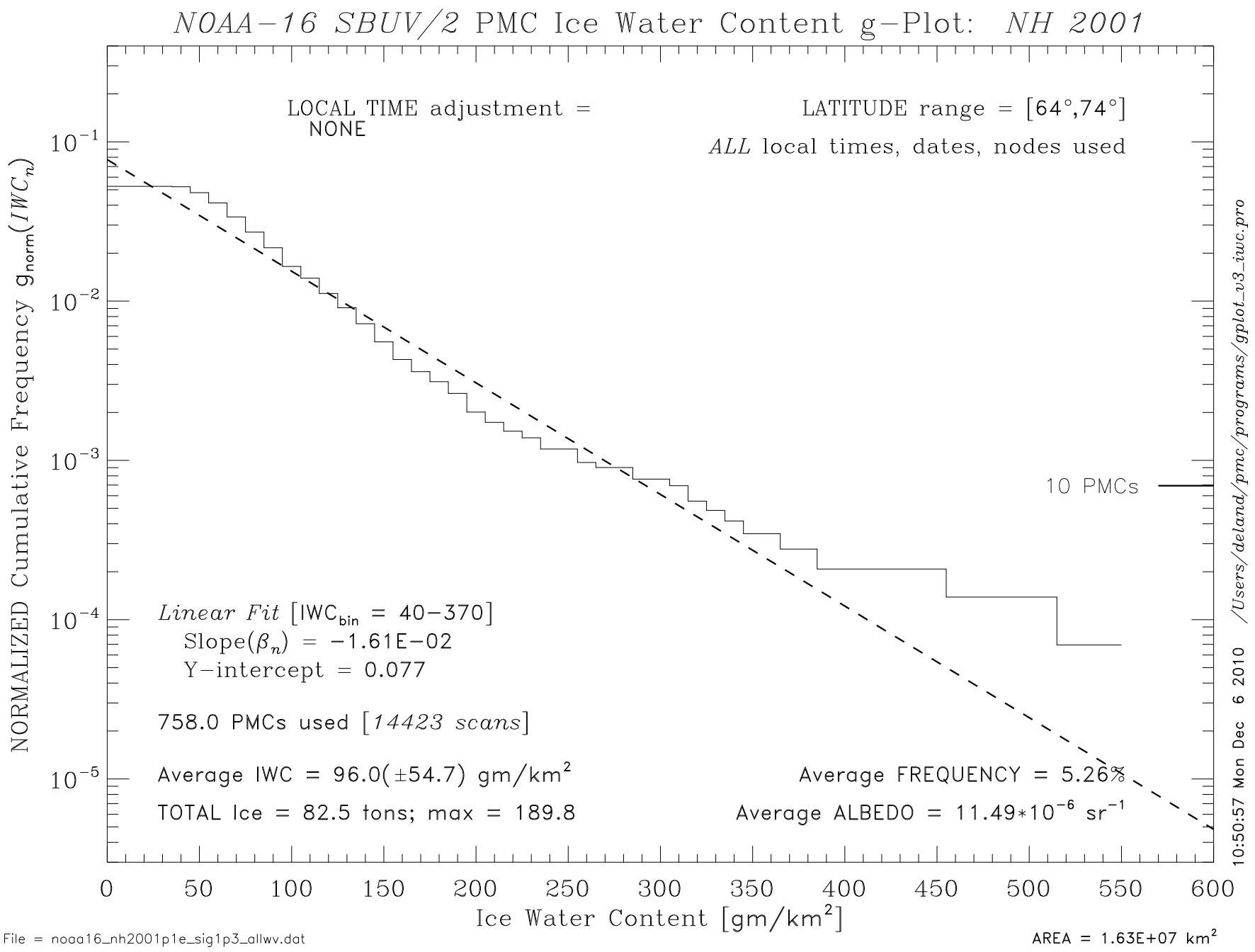

NOAA-14 SBUV/2 PMC Ice Water Content g-Plot: NH 1999
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-330]
Slope(β_n) = -1.79E-02
Y-intercept = 0.076
617.0 PMCs used [16474 scans]
Average IWC = 99.7(±50.8) gm/km²
TOTAL Ice = 61.1 tons; max = 188.9
Average FREQUENCY = 3.75%
Average ALBEDO = 10.83*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:50:02 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh1999v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

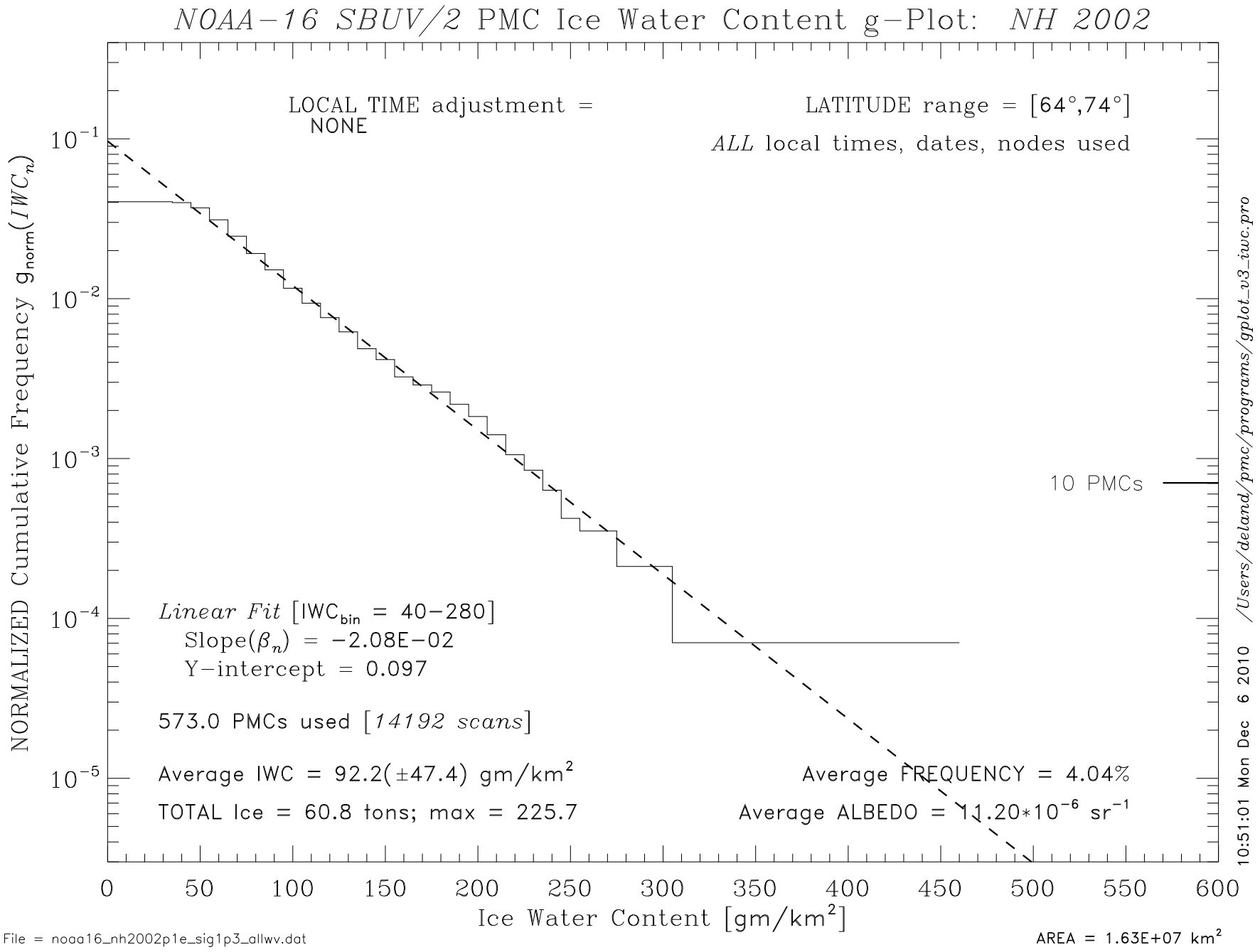

NOAA-14 SBUV/2 PMC Ice Water Content g-Plot: NH 2000
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 60-400]
Slope(β_n) = -1.42E-02
Y-intercept = 0.041
444.0 PMCs used [16618 scans]
Average IWC = 110.7(±60.1) gm/km^2
TOTAL Ice = 48.4 tons; max = 113.5
Average FREQUENCY = 2.67%
Average ALBEDO = 11.10*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:50:08 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh2000v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

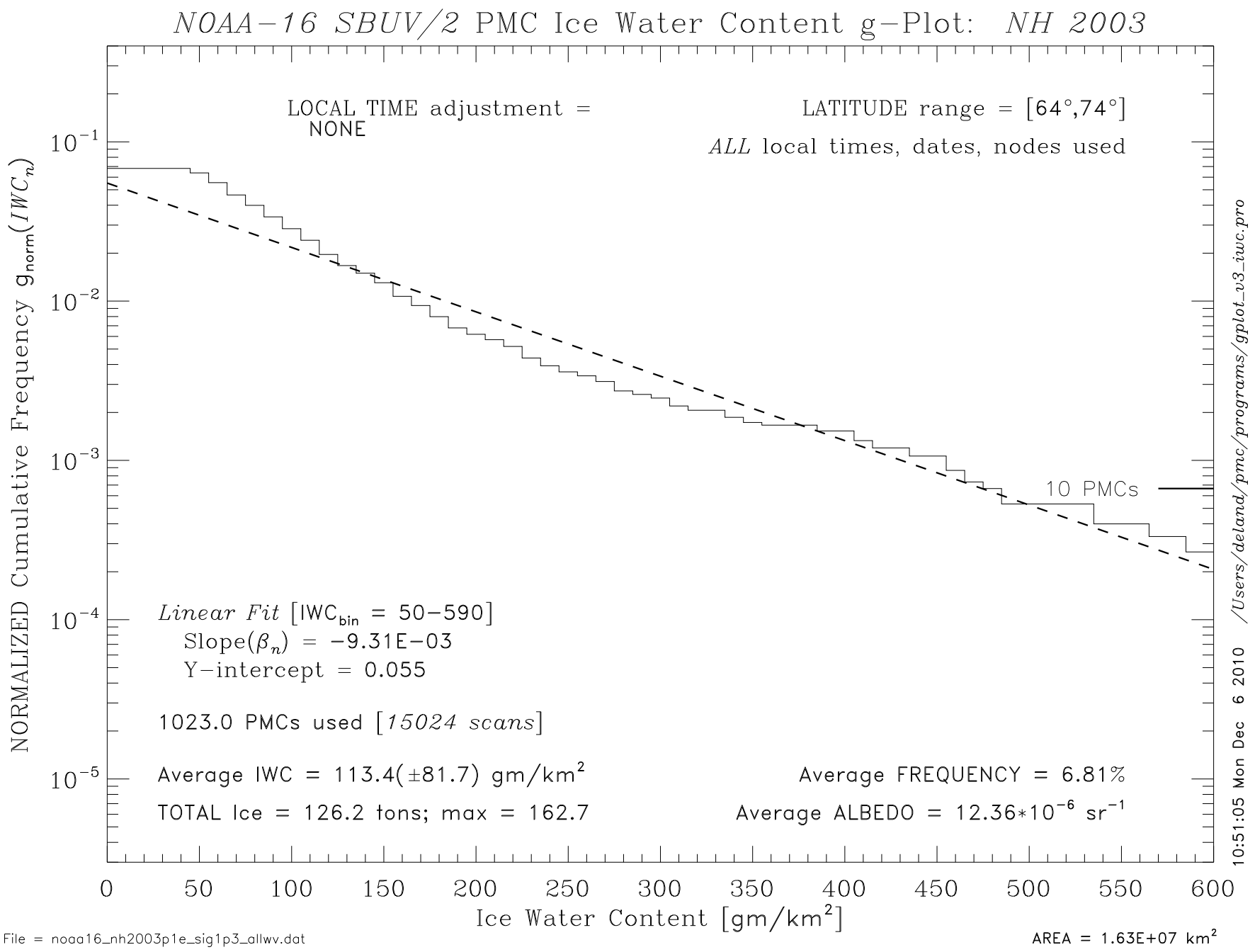

NOAA-14 SBUV/2 PMC Ice Water Content g-Plot: NH 2004
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 60-320]
Slope(β_n) = -1.72E-02
Y-intercept = 0.056
318.0 PMCs used [14787 scans]
Average IWC = 114.4(±55.9) gm/km^2
TOTAL Ice = 40.2 tons; max = 158.8
Average FREQUENCY = 2.15%
Average ALBEDO = 10.90*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:50:33 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh2004v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

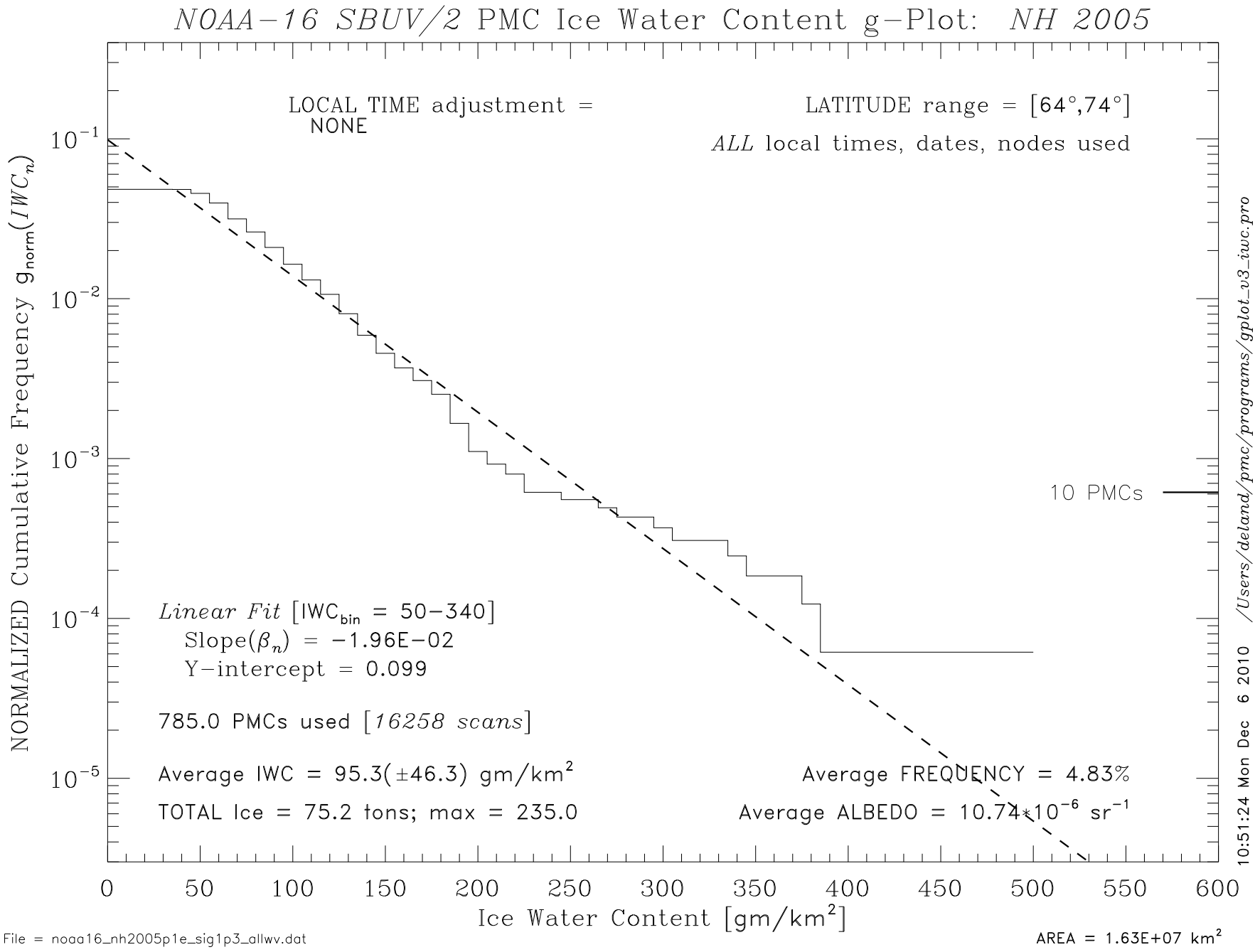

NOAA-14 SBUV/2 PMC Ice Water Content g-Plot: NH 2005
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-380]
Slope(β_n) = -1.41E-02
Y-intercept = 0.050
496.0 PMCs used [14468 scans]
Average IWC = 104.9(±69.2) gm/km^2
TOTAL Ice = 58.8 tons; max = 129.3
Average FREQUENCY = 3.43%
Average ALBEDO = 10.47*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:50:37 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh2005v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

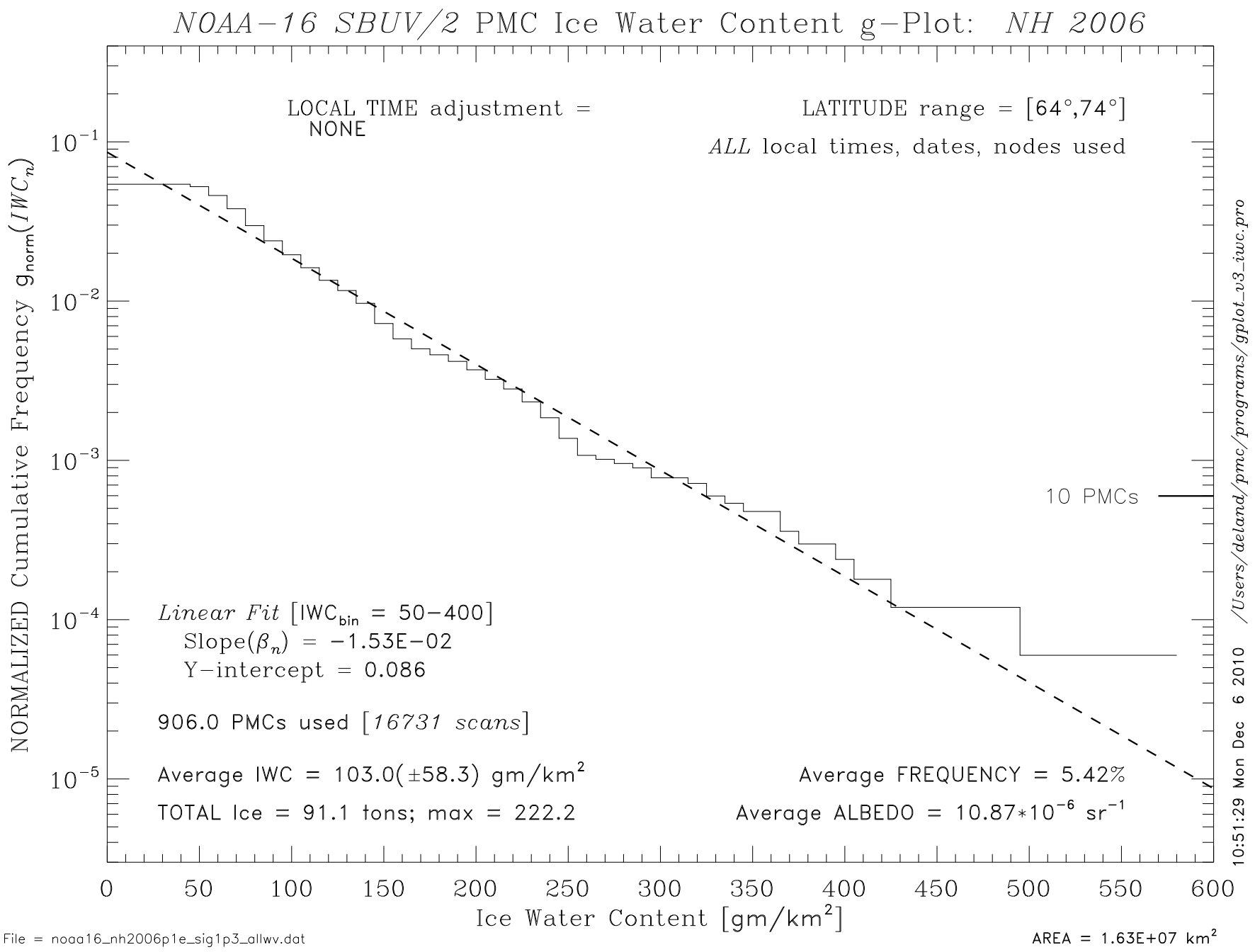

NOAA-14 SBUV/2 PMC Ice Water Content g-Plot: NH 2006
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50-390]
Slope(β_n) = -1.28E-02
Y-intercept = 0.049
408.0 PMCs used [12287 scans]
Average IWC = 113.6(±74.1) gm/km^2
TOTAL Ice = 61.7 tons; max = 140.8
Average FREQUENCY = 3.32%
Average ALBEDO = 11.50*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:50:40 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa14_nh2006v4f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

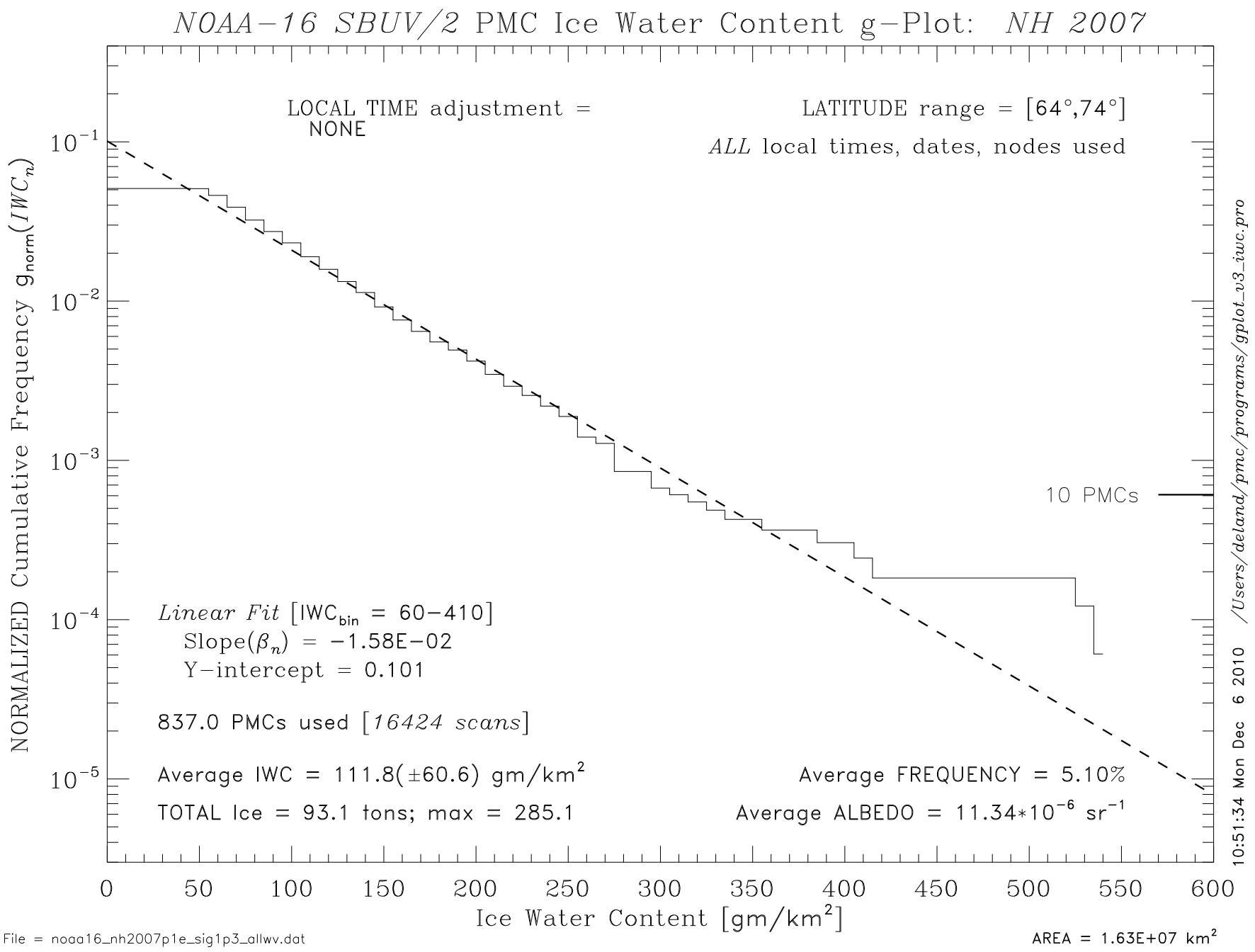

NOAA-16 SBUV/2 PMC Ice Water Content g-Plot: NH 2001
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40-370]
Slope(β_n) = -1.61E-02
Y-intercept = 0.077
758.0 PMCs used [14423 scans]
Average IWC = 96.0(±54.7) gm/km²
TOTAL Ice = 82.5 tons; max = 189.8
Average FREQUENCY = 5.26%
Average ALBEDO = 11.49*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:50:57 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_nh2001p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

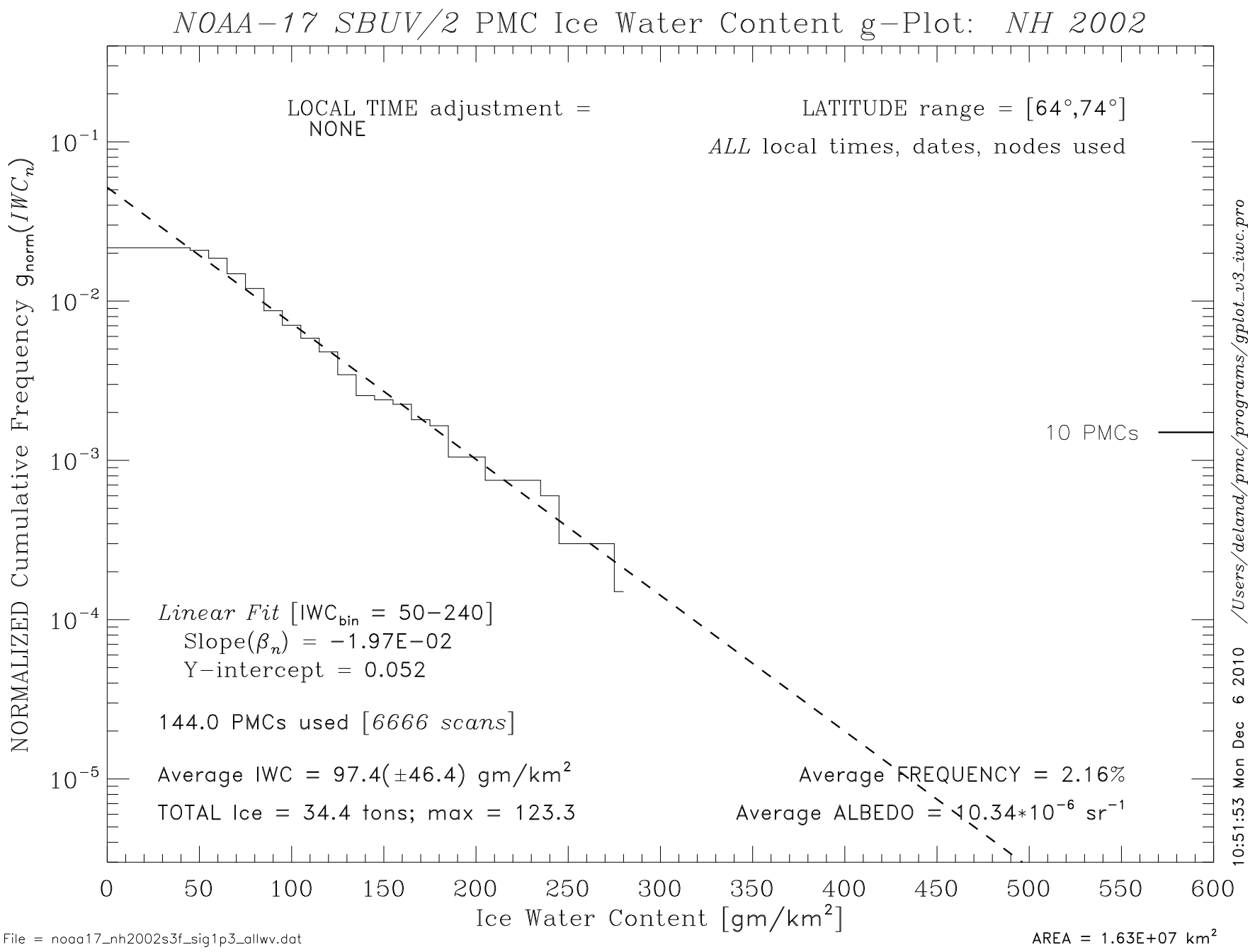

NOAA−16 SBUV/2 PMC Ice Water Content g−Plot: NH 2002
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 40−280]
Slope(β_n) = −2.08E−02
Y−intercept = 0.097
573.0 PMCs used [14192 scans]
Average IWC = 92.2(±47.4) gm/km^2
TOTAL Ice = 60.8 tons; max = 225.7
Average FREQUENCY = 4.04%
Average ALBEDO = 1.20*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:51:01 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_nh2002p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

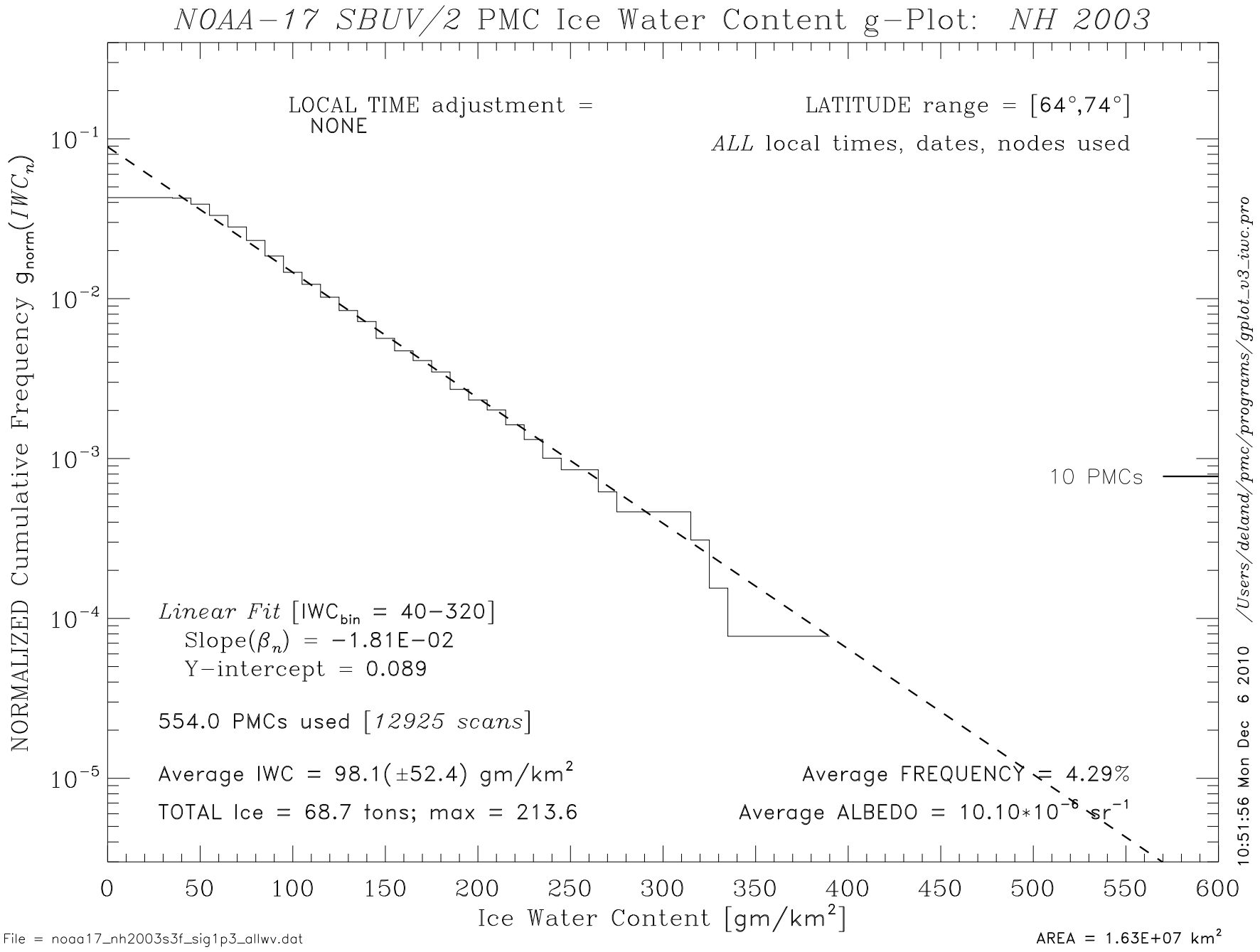

NOAA-16 SBUV/2 PMC Ice Water Content g-Plot: NH 2003
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-590]
Slope(β_n) = -9.31E-03
Y-intercept = 0.055
1023.0 PMCs used [15024 scans]
Average IWC = 113.4(±81.7) gm/km^2
TOTAL Ice = 126.2 tons; max = 162.7
Average FREQUENCY = 6.81%
Average ALBEDO = 12.36*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:51:05 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_nh2003p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

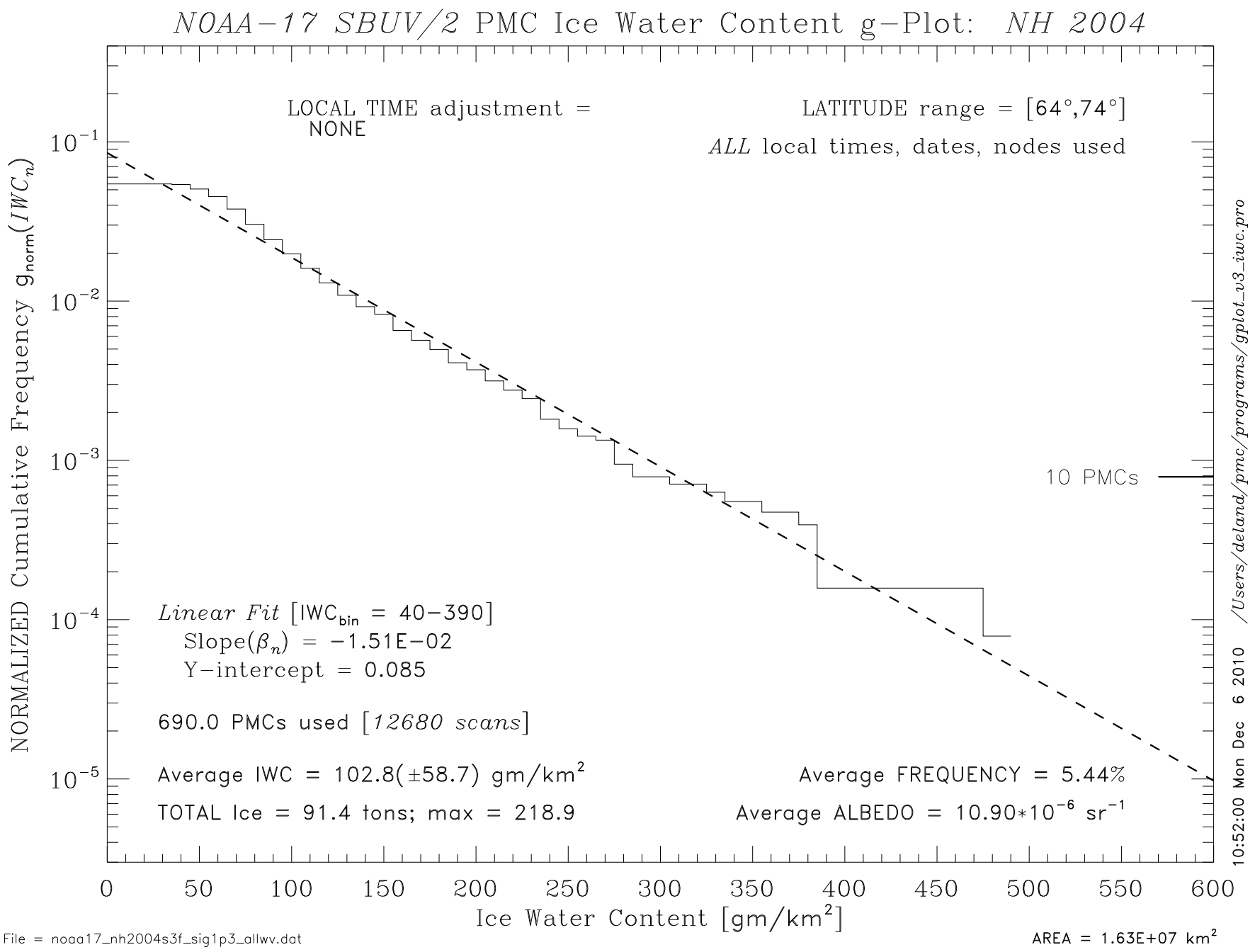

NOAA-16 SBUV/2 PMC Ice Water Content g-Plot: NH 2005
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-340]
Slope(β_n) = -1.96E-02
Y-intercept = 0.099
785.0 PMCs used [16258 scans]
Average IWC = 95.3(±46.3) gm/km^2
TOTAL Ice = 75.2 tons; max = 235.0
Average FREQUENCY = 4.83%
Average ALBEDO = 10.74*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:51:24 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_nh2005p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

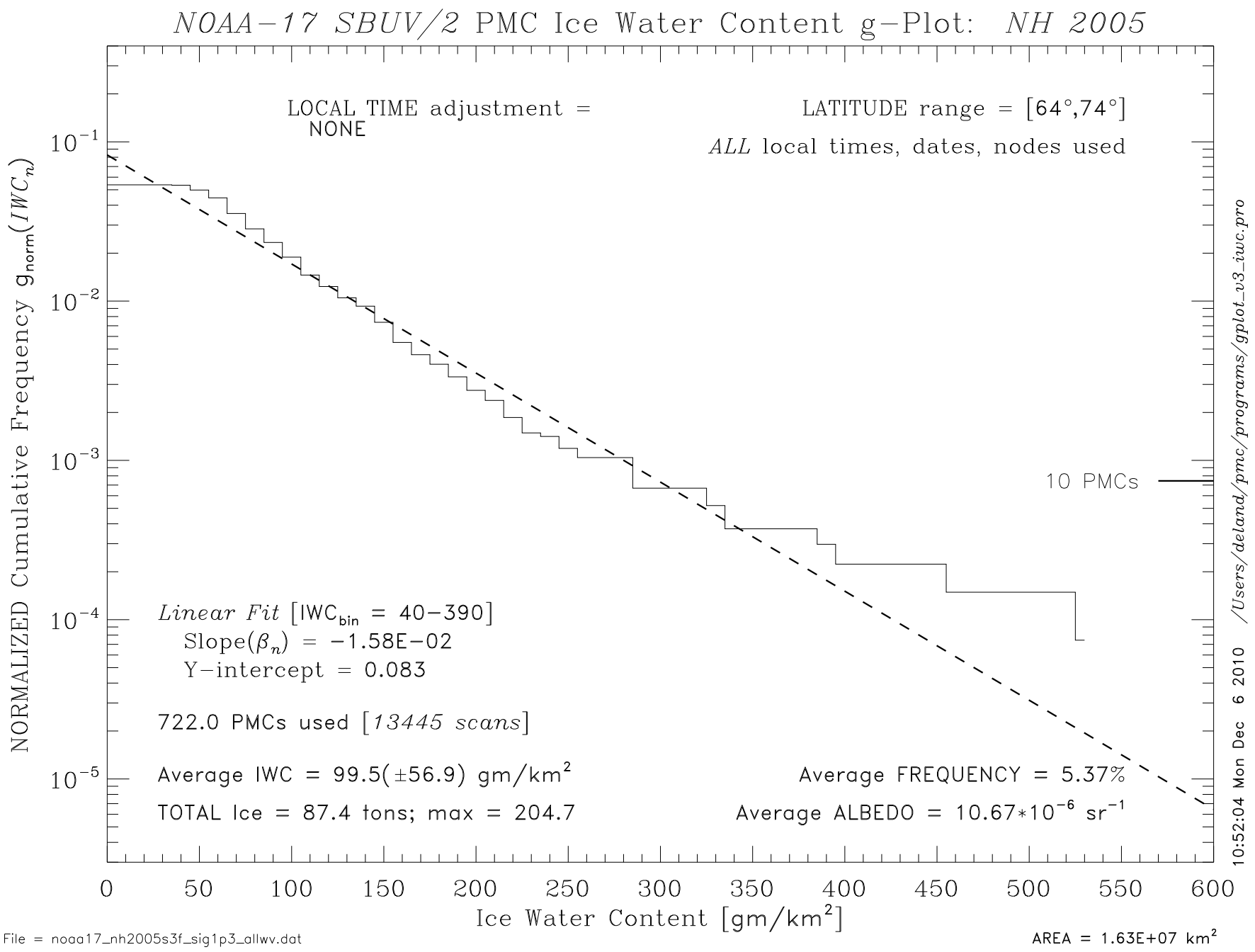

NOAA-16 SBUV/2 PMC Ice Water Content g-Plot: NH 2006
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-400]
Slope(β_n) = -1.53E-02
Y-intercept = 0.086
906.0 PMCs used [16731 scans]
Average IWC = 103.0(±58.3) gm/km²
TOTAL Ice = 91.1 tons; max = 222.2
Average FREQUENCY = 5.42%
Average ALBEDO = 10.87*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:51:29 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_nh2006p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

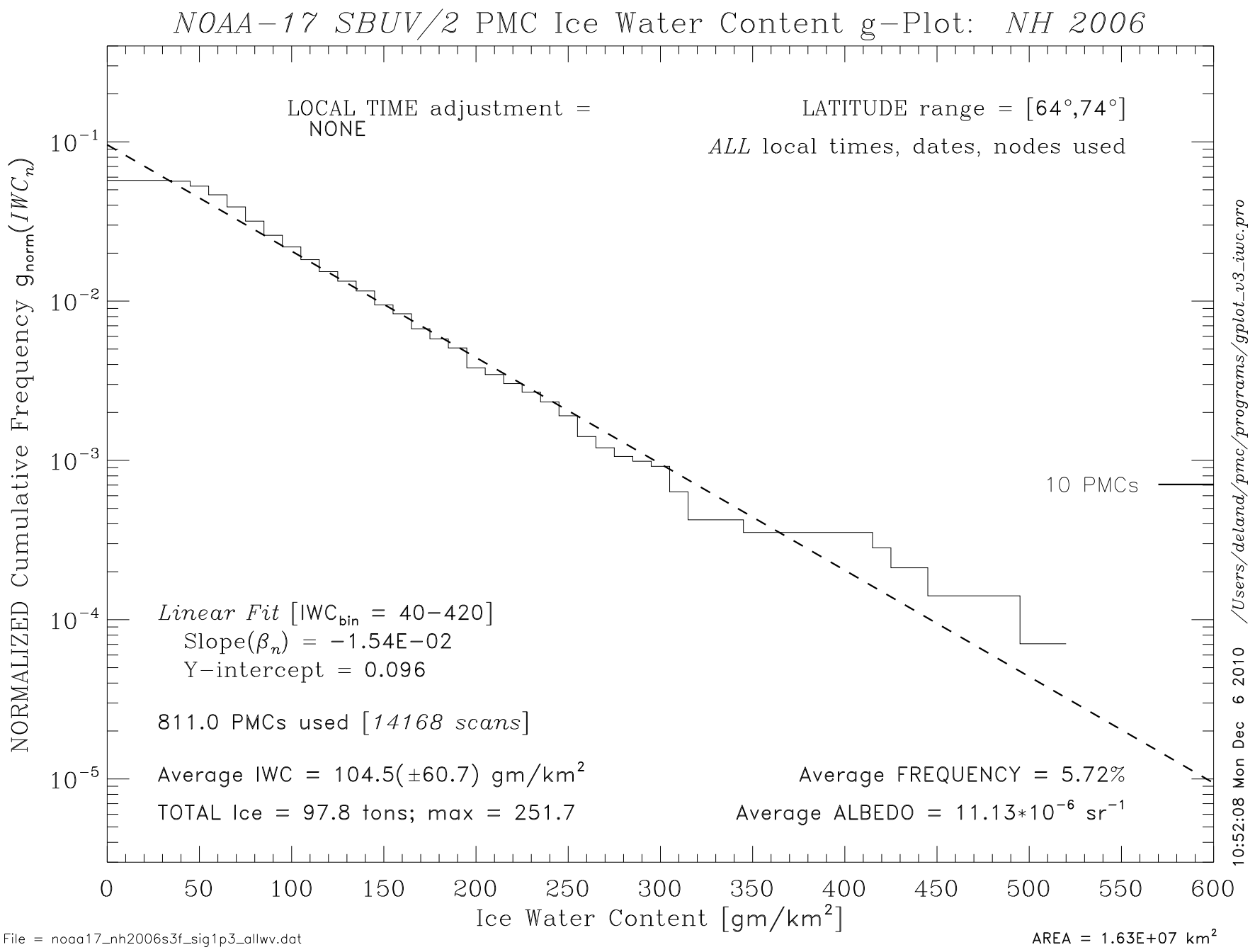

NOAA-16 SBUV/2 PMC Ice Water Content g-Plot: NH 2007
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 60-410]
Slope(β_n) = -1.58E-02
Y-intercept = 0.101
837.0 PMCs used [16424 scans]
Average IWC = 111.8(±60.6) gm/km²
TOTAL Ice = 93.1 tons; max = 285.1
Average FREQUENCY = 5.10%
Average ALBEDO = 11.34*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:51:34 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa16_nh2007p1e_sig1p3_allwv.dat
AREA = 1.63E+07 km²

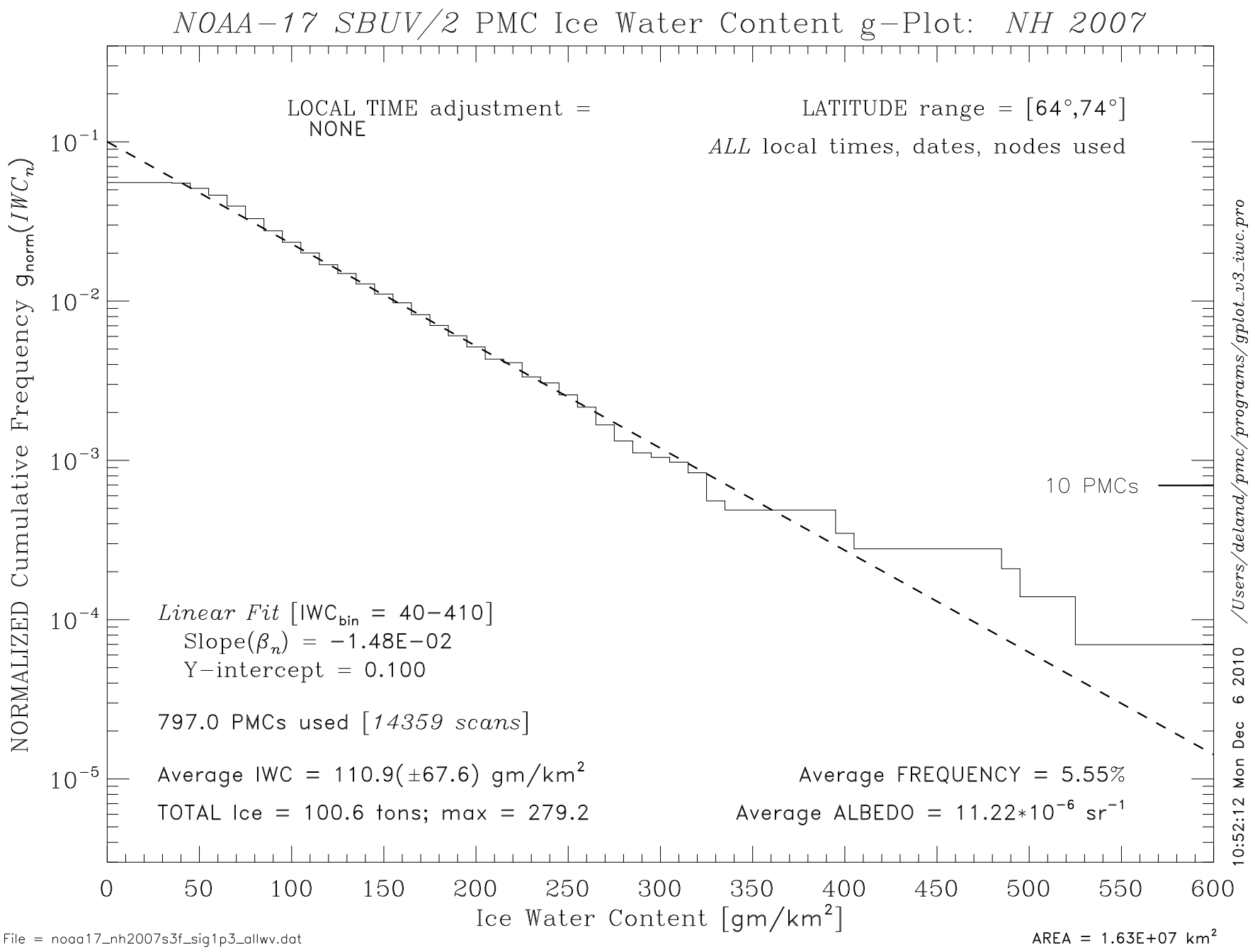

NOAA-17 SBUV/2 PMC Ice Water Content g-Plot: NH 2002
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 50-240]
Slope(β_n) = -1.97E-02
Y-intercept = 0.052
144.0 PMCs used [6666 scans]
Average IWC = 97.4(±46.4) gm/km^2
TOTAL Ice = 34.4 tons; max = 123.3
Average FREQUENCY = 2.16%
Average ALBEDO = 10.34*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:51:53 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2002s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

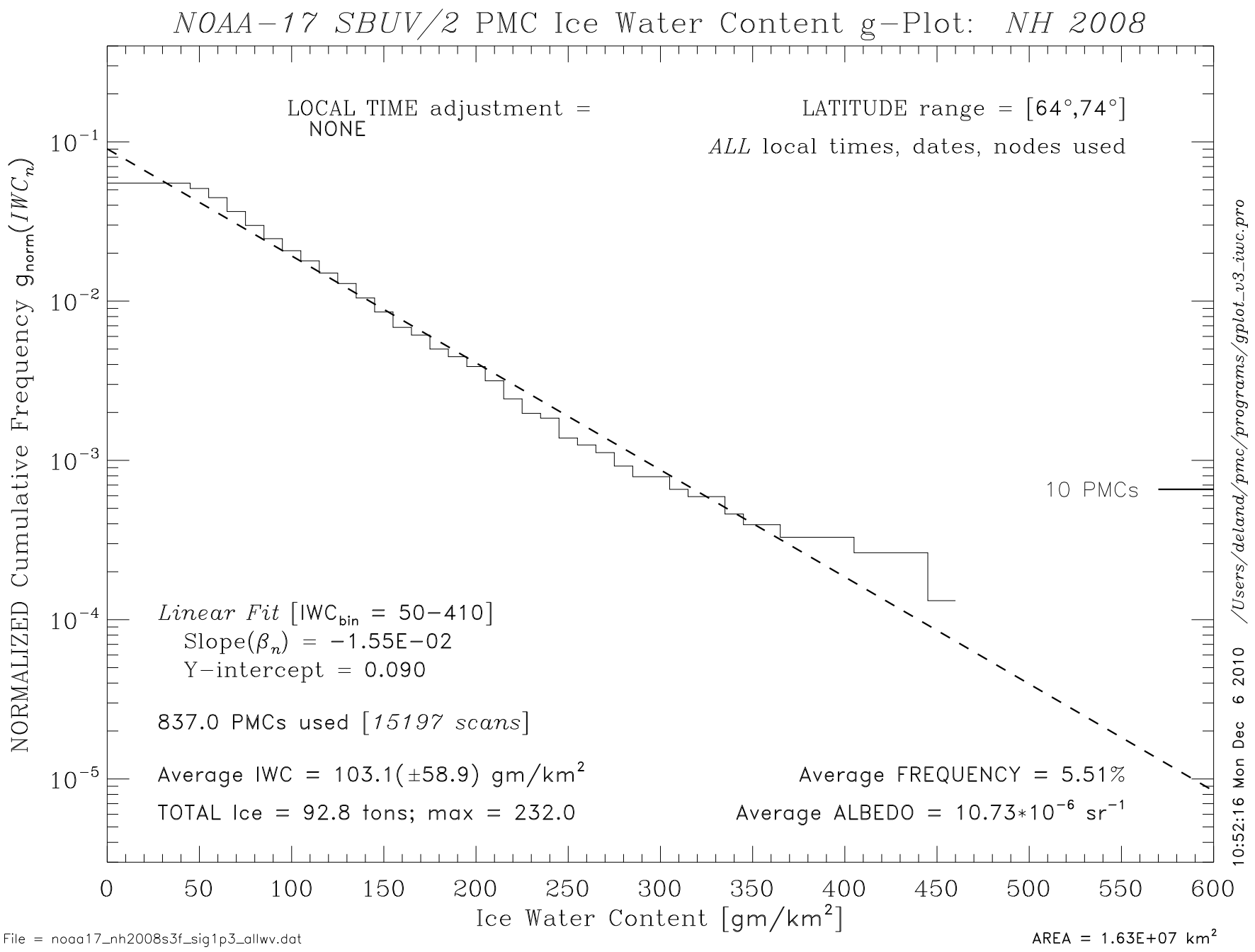

NOAA−17 SBUV/2 PMC Ice Water Content g−Plot: NH 2003
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−320]
Slope(β_n) = −1.81E−02
Y−intercept = 0.089
554.0 PMCs used [12925 scans]
Average IWC = 98.1(±52.4) gm/km²
TOTAL Ice = 68.7 tons; max = 213.6
Average FREQUENCY = 4.29%
Average ALBEDO = 10.10*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:51:56 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2003s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

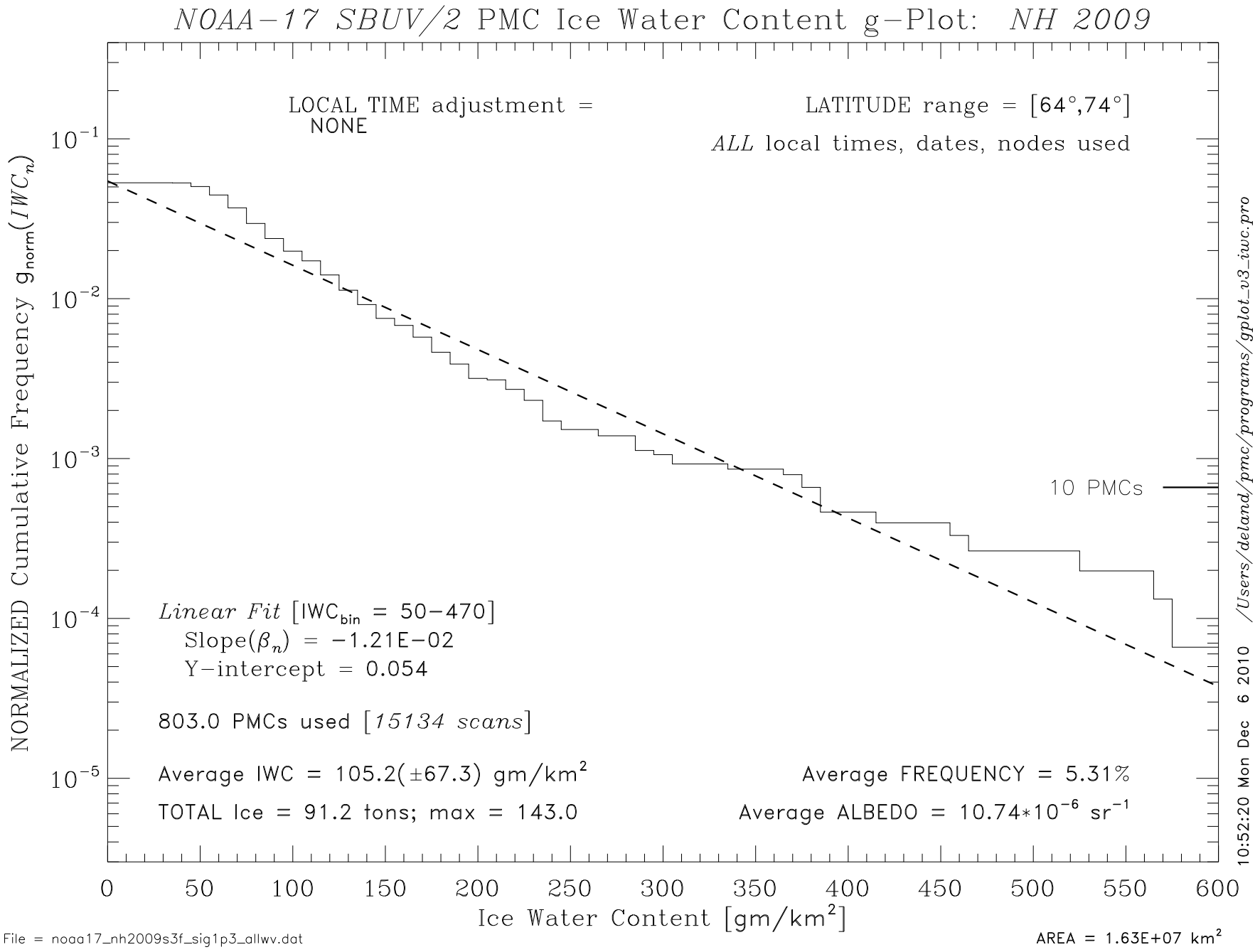

NOAA-17 SBUV/2 PMC Ice Water Content g-Plot: NH 2004
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 40-390]
Slope(β_n) = -1.51E-02
Y-intercept = 0.085
690.0 PMCs used [12680 scans]
Average IWC = 102.8(±58.7) gm/km^2
TOTAL Ice = 91.4 tons; max = 218.9
Average FREQUENCY = 5.44%
Average ALBEDO = 10.90*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:52:00 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2004s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

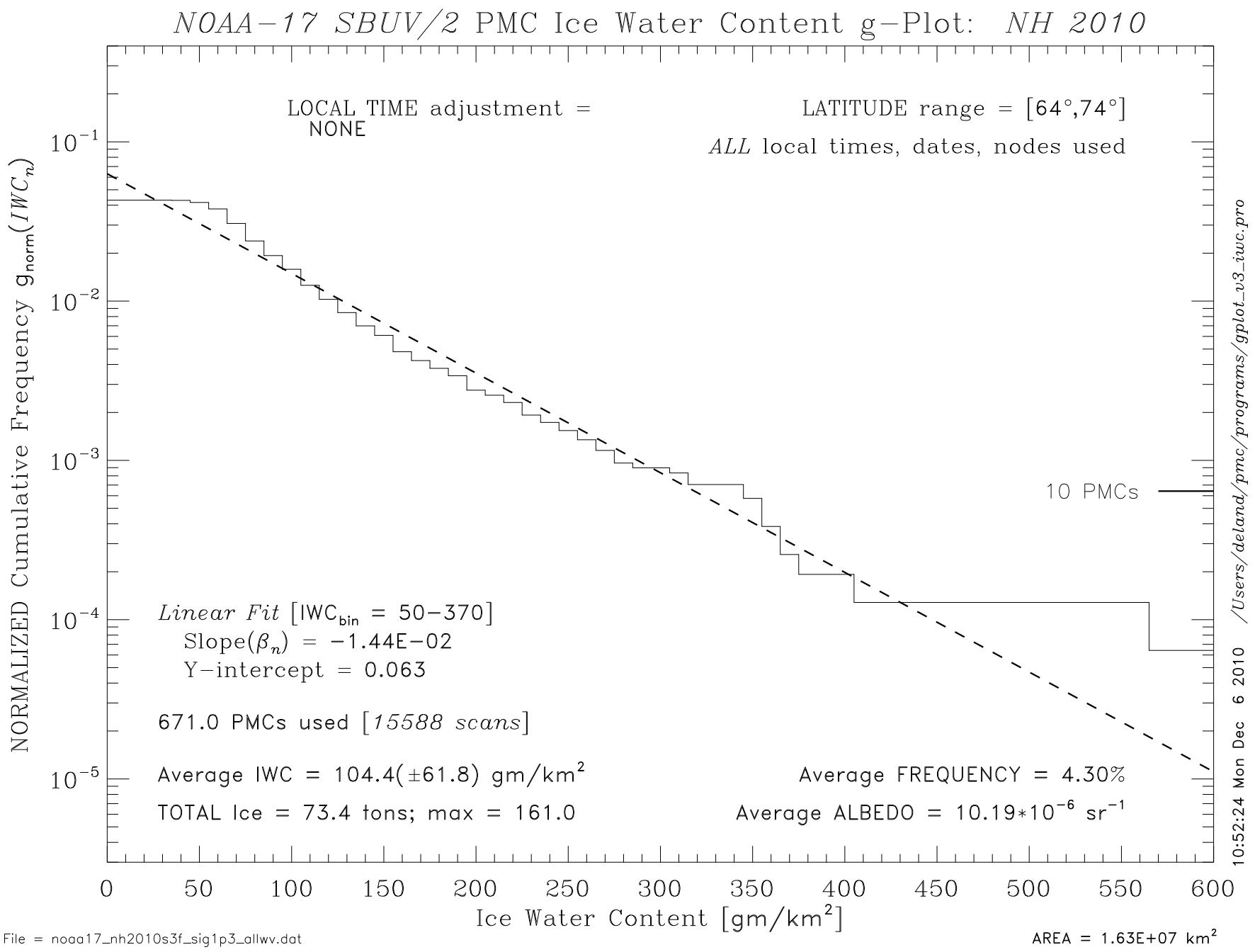

NOAA-17 SBUV/2 PMC Ice Water Content g-Plot: NH 2005
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40-390]
Slope(β_n) = -1.58E-02
Y-intercept = 0.083
722.0 PMCs used [13445 scans]
Average IWC = 99.5(±56.9) gm/km²
TOTAL Ice = 87.4 tons; max = 204.7
Average FREQUENCY = 5.37%
Average ALBEDO = 10.67*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:52:04 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2005s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

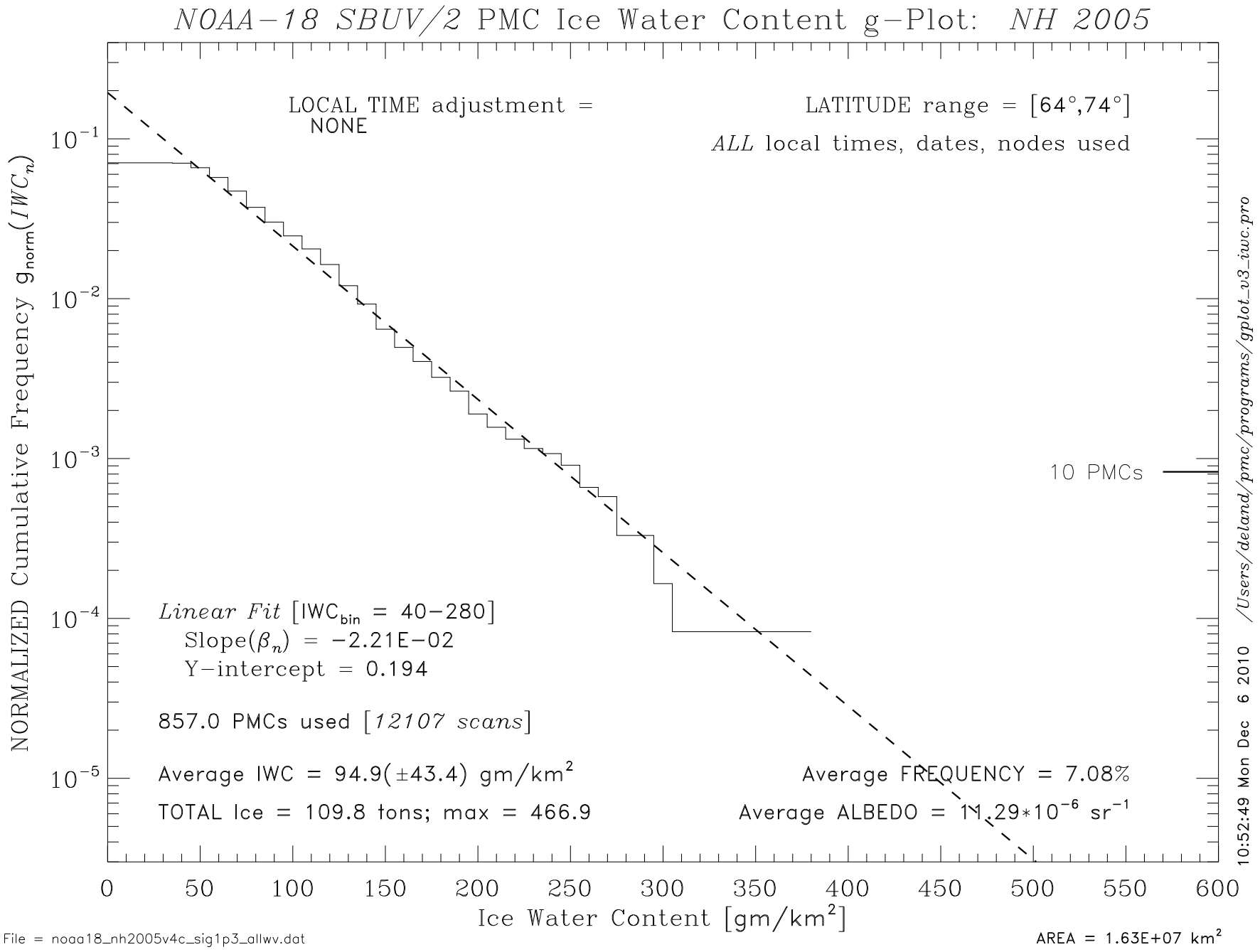

NOAA-17 SBUV/2 PMC Ice Water Content g-Plot: NH 2006
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40-420]
Slope(β_n) = -1.54E-02
Y-intercept = 0.096
811.0 PMCs used [14168 scans]
Average IWC = 104.5(±60.7) gm/km²
TOTAL Ice = 97.8 tons; max = 251.7
Average FREQUENCY = 5.72%
Average ALBEDO = 11.13*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:52:08 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2006s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

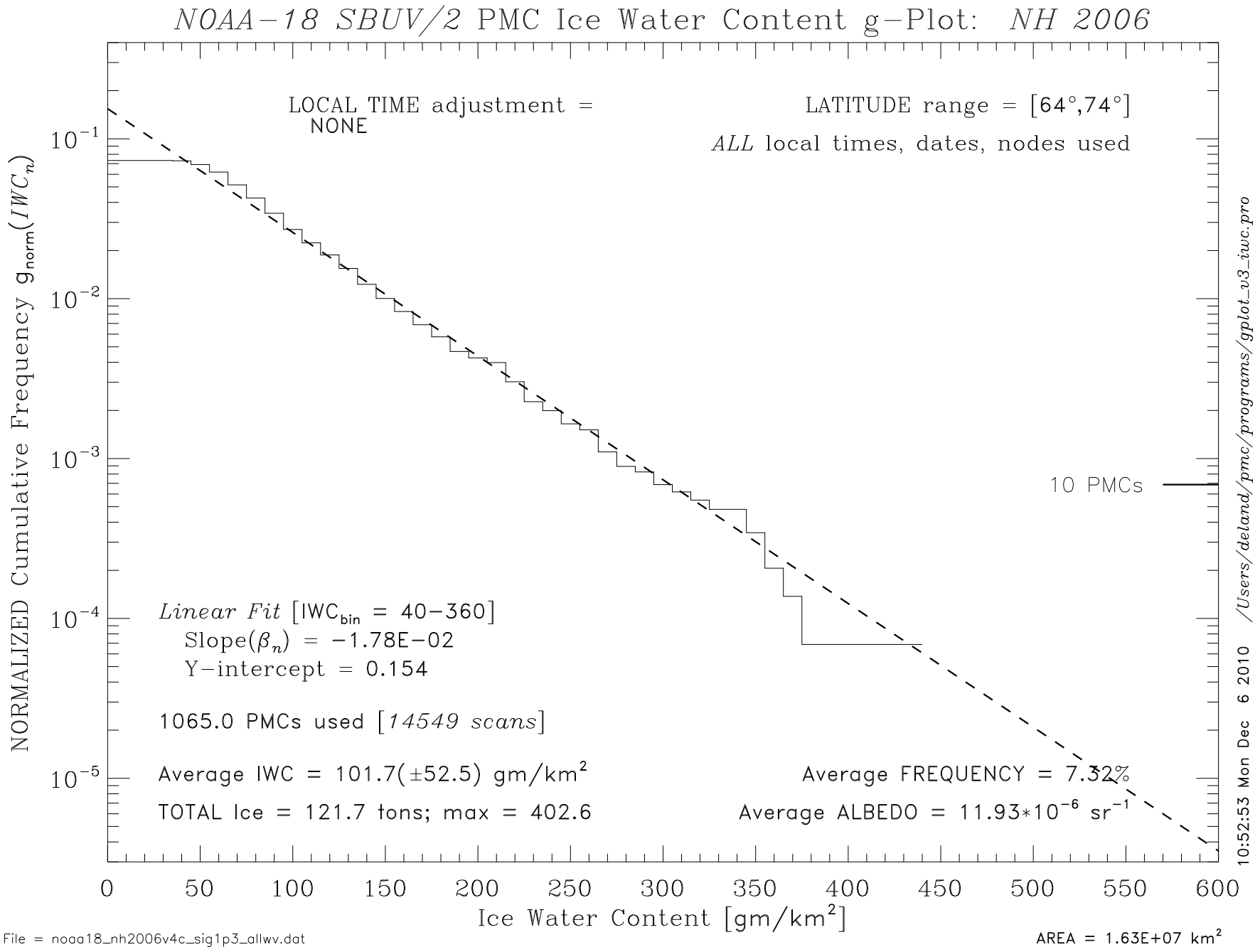

NOAA-17 SBUV/2 PMC Ice Water Content g-Plot: NH 2007
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40-410]
Slope(β_n) = -1.48E-02
Y-intercept = 0.100
797.0 PMCs used [14359 scans]
Average IWC = 110.9(±67.6) gm/km²
TOTAL Ice = 100.6 tons; max = 279.2
Average FREQUENCY = 5.55%
Average ALBEDO = 11.22*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:52:12 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2007s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

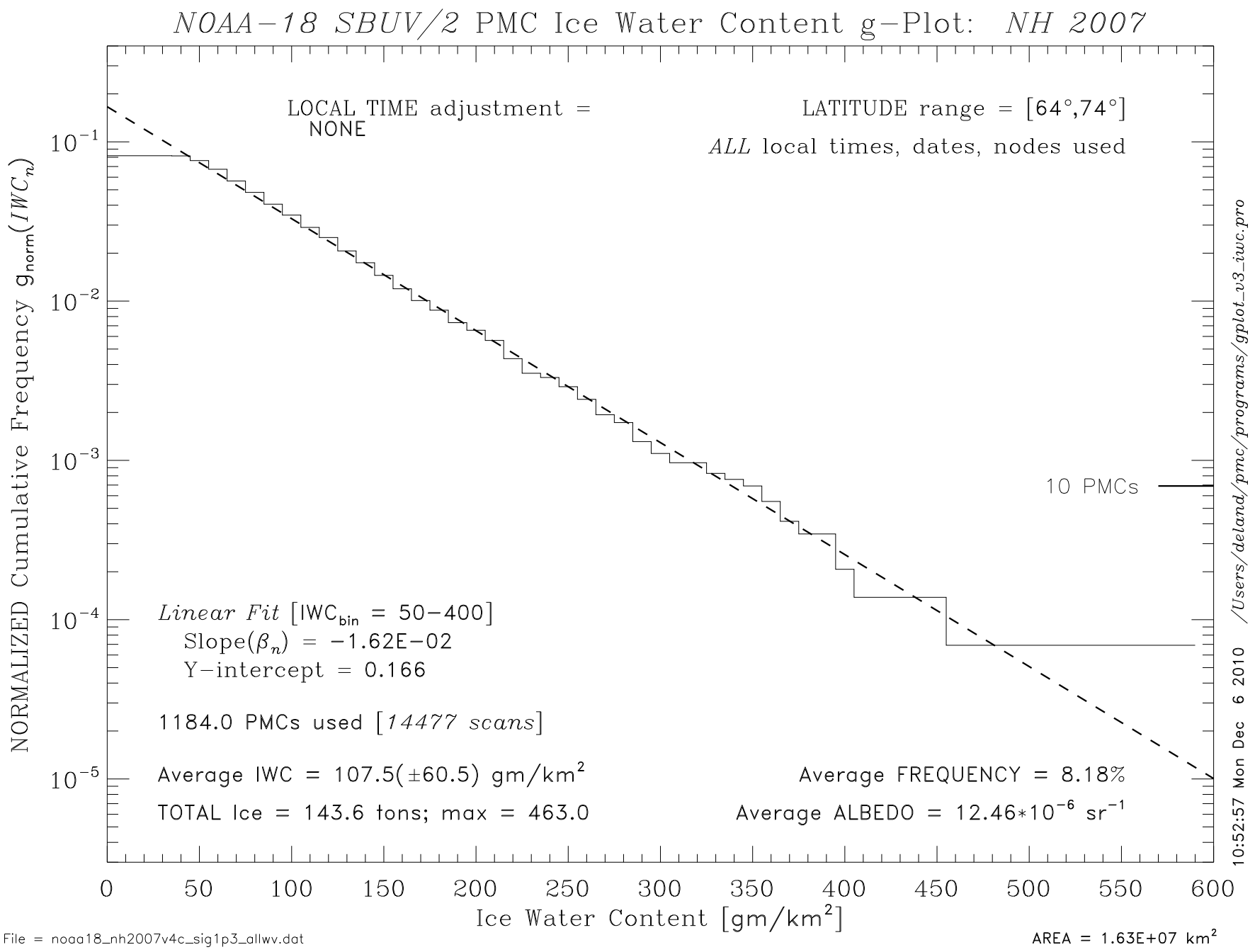

NOAA-17 SBUV/2 PMC Ice Water Content g-Plot: NH 2008
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-410]
Slope(β_n) = -1.55E-02
Y-intercept = 0.090
837.0 PMCs used [15197 scans]
Average IWC = 103.1(±58.9) gm/km²
TOTAL Ice = 92.8 tons; max = 232.0
Average FREQUENCY = 5.51%
Average ALBEDO = 10.73*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:52:16 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2008s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

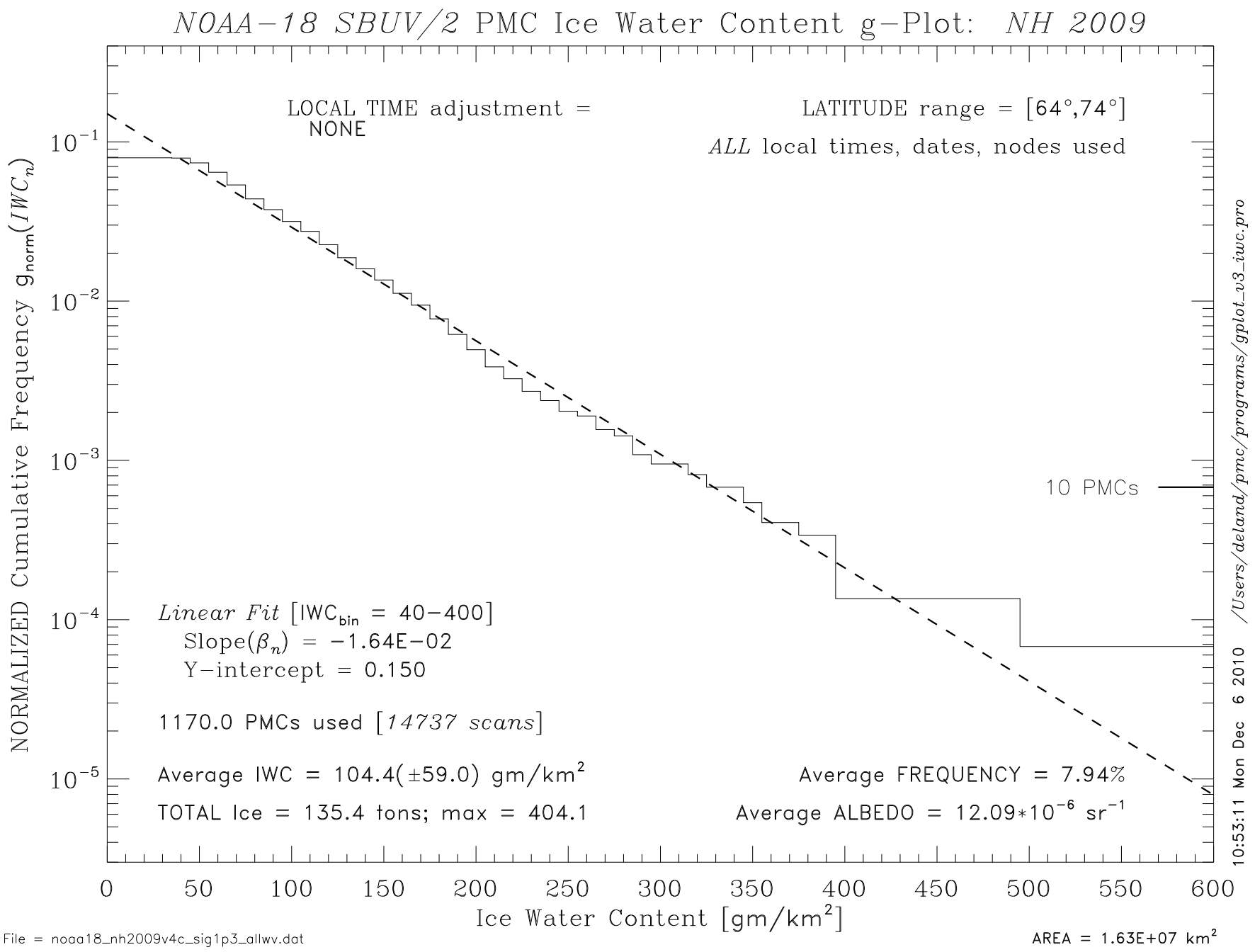

NOAA-17 SBUV/2 PMC Ice Water Content g-Plot: NH 2009
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 50-470]
Slope(β_n) = -1.21E-02
Y-intercept = 0.054
803.0 PMCs used [15134 scans]
Average IWC = 105.2(±67.3) gm/km^2
TOTAL Ice = 91.2 tons; max = 143.0
Average FREQUENCY = 5.31%
Average ALBEDO = 10.74*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:52:20 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2009s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

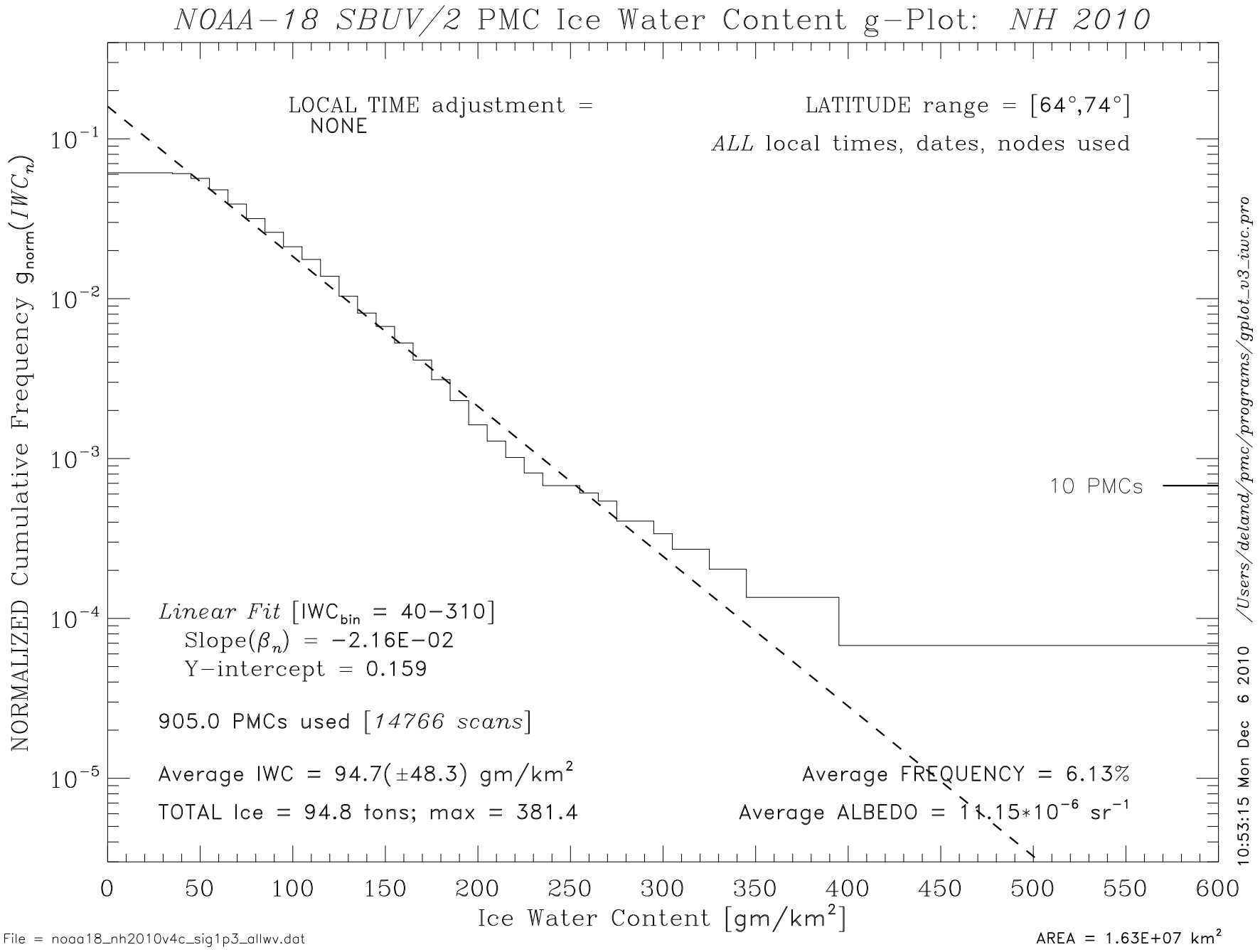

NOAA-17 SBUV/2 PMC Ice Water Content g-Plot: NH 2010
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-370]
Slope(β_n) = -1.44E-02
Y-intercept = 0.063
671.0 PMCs used [15588 scans]
Average IWC = 104.4(±61.8) gm/km²
TOTAL Ice = 73.4 tons; max = 161.0
Average FREQUENCY = 4.30%
Average ALBEDO = 10.19*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:52:24 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa17_nh2010s3f_sig1p3_allwv.dat
AREA = 1.63E+07 km²

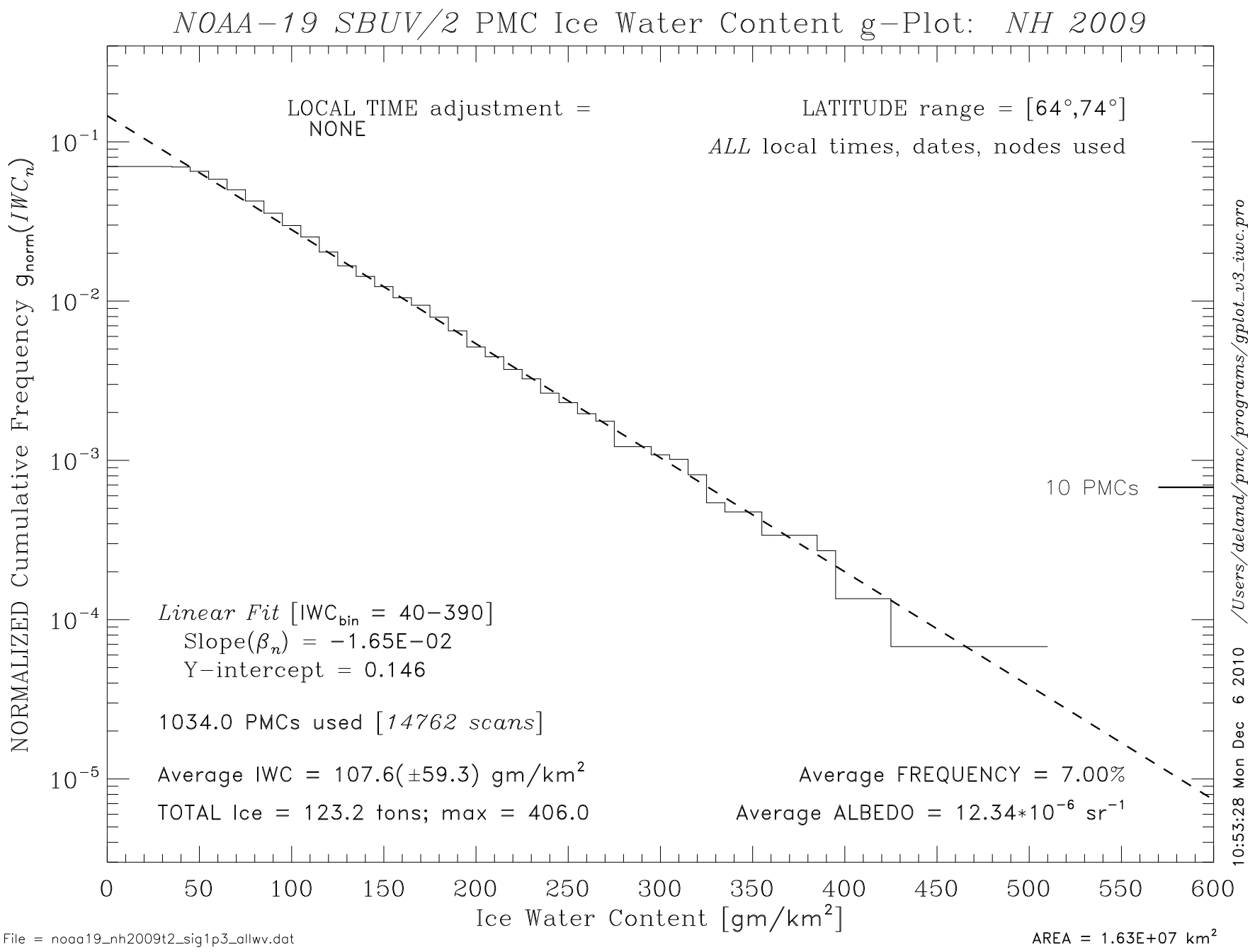

NOAA-18 SBUV/2 PMC Ice Water Content g-Plot: NH 2005
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
Linear Fit [IWC_{bin} = 40-280]
Slope(β_n) = -2.21E-02
Y-intercept = 0.194
857.0 PMCs used [12107 scans]
Average IWC = 94.9(±43.4) gm/km^2
TOTAL Ice = 109.8 tons; max = 466.9
Average FREQUENCY = 7.08%
Average ALBEDO = 11.29*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:52:49 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa18_nh2005v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km^2

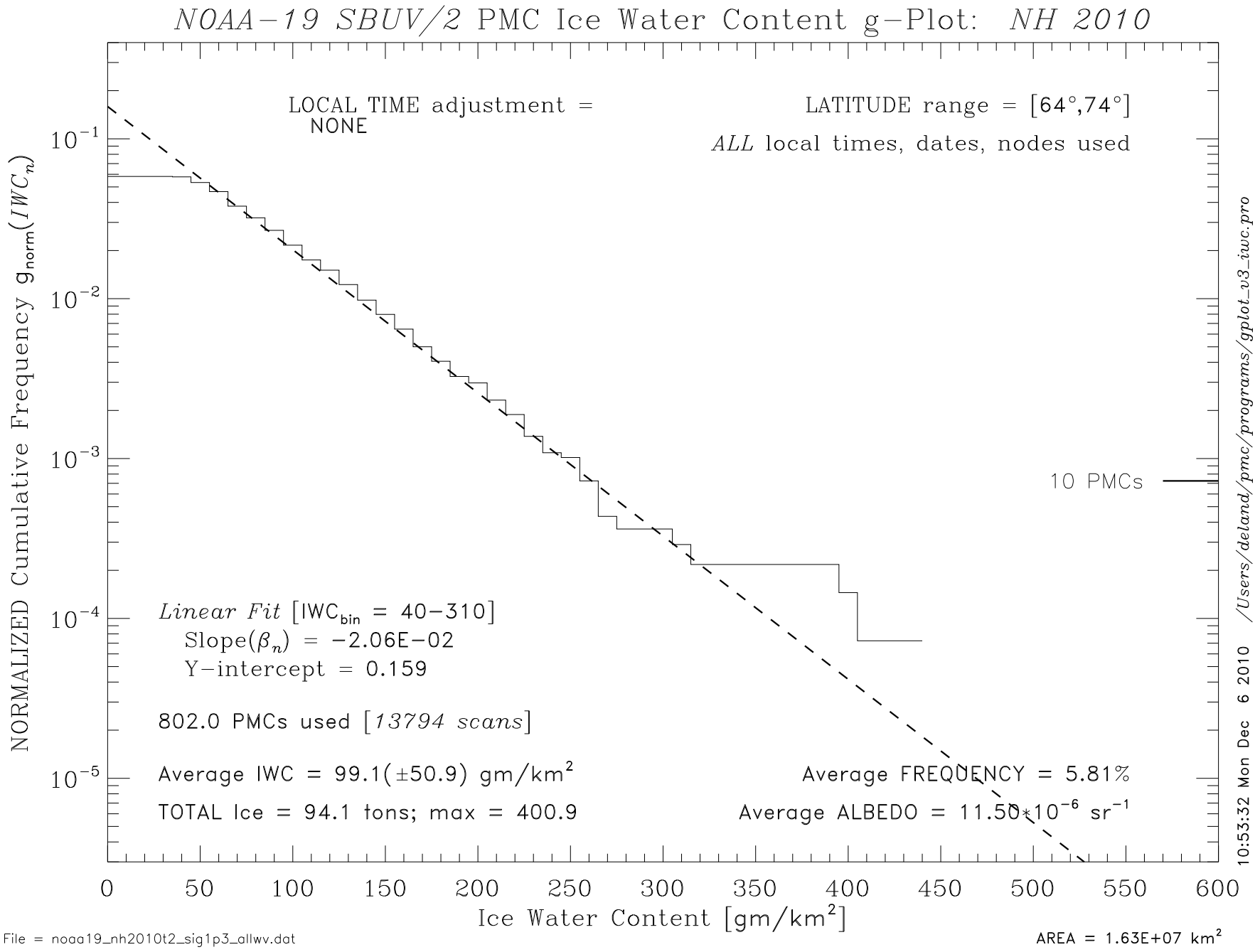

NOAA-18 SBUV/2 PMC Ice Water Content g-Plot: NH 2006
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40-360]
Slope(β_n) = -1.78E-02
Y-intercept = 0.154
1065.0 PMCs used [14549 scans]
Average IWC = 101.7(±52.5) gm/km²
TOTAL Ice = 121.7 tons; max = 402.6
Average FREQUENCY = 7.32%
Average ALBEDO = 11.93*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:52:53 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa18_nh2006v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA-18 SBUV/2 PMC Ice Water Content g-Plot: NH 2007
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 50-400]
Slope(β_n) = -1.62E-02
Y-intercept = 0.166
1184.0 PMCs used [14477 scans]
Average IWC = 107.5(±60.5) gm/km²
TOTAL Ice = 143.6 tons; max = 463.0
Average FREQUENCY = 8.18%
Average ALBEDO = 12.46*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:52:57 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa18_nh2007v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA-18 SBUV/2 PMC Ice Water Content g-Plot: NH 2009
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40-400]
Slope(β_n) = -1.64E-02
Y-intercept = 0.150
1170.0 PMCs used [14737 scans]
Average IWC = 104.4(±59.0) gm/km²
TOTAL Ice = 135.4 tons; max = 404.1
Average FREQUENCY = 7.94%
Average ALBEDO = 12.09*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:53:11 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa18_nh2009v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA−18 SBUV/2 PMC Ice Water Content g−Plot: NH 2010
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
NORMALIZED Cumulative Frequency $g_{norm}(IWC_n)$
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10 PMCs
Linear Fit [IWC_{bin} = 40−310]
Slope(β_n) = −2.16E−02
Y−intercept = 0.159
905.0 PMCs used [14766 scans]
Average IWC = 94.7(±48.3) gm/km^2
TOTAL Ice = 94.8 tons; max = 381.4
Average FREQUENCY = 6.13%
Average ALBEDO = 1.15*10^{-6} sr^{-1}
0 50 100 150 200 250 300 350 400 450 500 550 600
Ice Water Content [gm/km^2]
10:53:15 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa18_nh2010v4c_sig1p3_allwv.dat
AREA = 1.63E+07 km^2


NOAA−19 SBUV/2 PMC Ice Water Content g−Plot: NH 2009
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40−390]
Slope(β_n) = −1.65E−02
Y−intercept = 0.146
1034.0 PMCs used [14762 scans]
Average IWC = 107.6(±59.3) gm/km²
TOTAL Ice = 123.2 tons; max = 406.0
Average FREQUENCY = 7.00%
Average ALBEDO = 12.34*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:53:28 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa19_nh2009t2_sig1p3_allwv.dat
AREA = 1.63E+07 km²


NOAA-19 SBUV/2 PMC Ice Water Content g-Plot: NH 2010
LOCAL TIME adjustment = NONE
LATITUDE range = [64°,74°]
ALL local times, dates, nodes used
10 PMCs
Linear Fit [IWC_bin = 40-310]
Slope(β_n) = -2.06E-02
Y-intercept = 0.159
802.0 PMCs used [13794 scans]
Average IWC = 99.1(±50.9) gm/km²
TOTAL Ice = 94.1 tons; max = 400.9
Average FREQUENCY = 5.81%
Average ALBEDO = 11.50*10⁻⁶ sr⁻¹
NORMALIZED Cumulative Frequency g_norm(IWC_n)
Ice Water Content [gm/km²]
10:53:32 Mon Dec 6 2010 /Users/deland/pmc/programs/gplot_v3_iwc.pro
File = noaa19_nh2010t2_sig1p3_allwv.dat
AREA = 1.63E+07 km²