

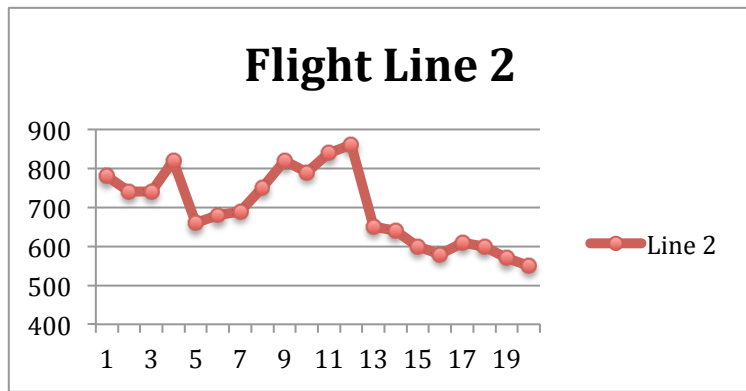
FOR PART I: CHARTING THE DATA
ICE POD MODEL SURVEY GRID DATA

-Data Points 1 to 20 Collected From Each Flight-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	560	670	780	850	640	570	580	550	570	550	550	540	550	540	520	540	530	530	530	540
2	780	740	740	820	660	680	690	750	820	790	840	860	650	640	600	580	610	600	570	550
3	660	650	620	580	570	570	640	740	810	760	620	610	570	570	570	650	610	540	510	530
4	600	610	610	620	580	690	790	640	800	640	570	600	600	600	600	610	570	530	520	530
5	760	630	600	580	580	580	550	540	560	550	550	540	540	540	520	530	540	530	540	540
6	760	750	690	650	820	650	620	590	590	560	560	540	550	560	550	550	540	520	500	530
7	610	630	700	620	590	620	610	600	630	610	670	610	600	620	590	620	610	600	590	600
8	710	750	720	640	640	640	610	600	610	600	680	760	660	660	600	580	650	720	600	660
9	740	710	630	640	640	600	600	600	610	670	750	660	690	580	570	610	750	640	630	630

Number of flight lines collected

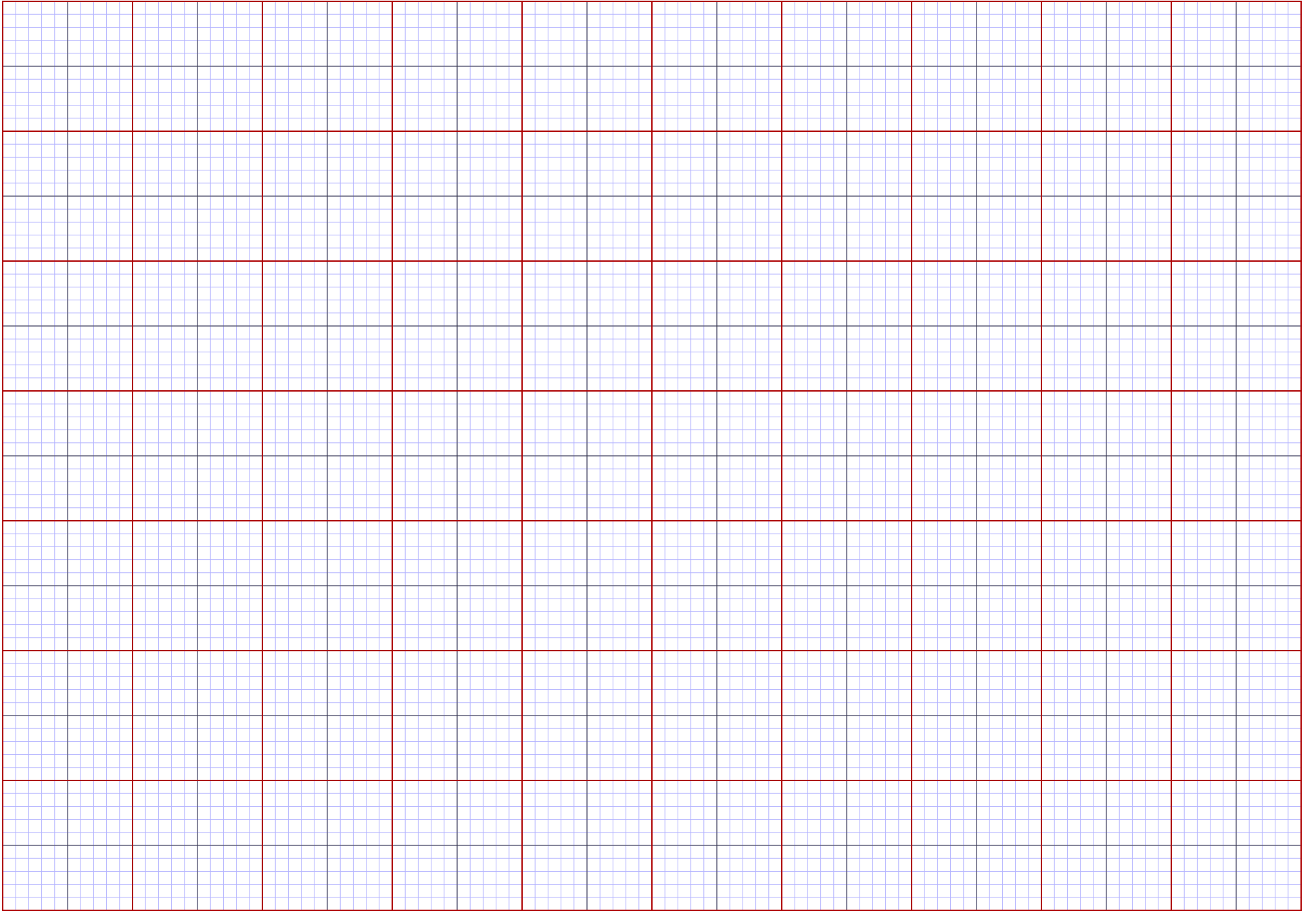
Chart 1. Nine flight lines of data (shown as lines 1 through 9 on the left column) were collected from our model LC130. Each line shows 20 measurements of elevation for the land surface below the ice sheet. Think of the plane flying 9 separate survey lines across the ice sheet and recording elevation measurements of the land surface below as it flies. Elevations are recorded in meters.



Each flight line 1 through 9 contains numerous data points but the plane was set to report at intervals, posting only a total of 20 points per line. The program was set up to collect each reading as a distance from the plane to the land surface, it then inverted (reversed) the reading so the that the number at each point in the chart above is actually showing land surface elevation. The larger the number reported in the box, the higher the elevation. Line 2 is drawn for you to demonstrate that data point #12, shown as 860 meters of elevation on the chart, is the highest point on the graph.

IMAGE OF LAND SURFACE

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

■ 0-2 ■ 2-4 ■ 4-6 ■ 6-8 ■ 8-10

