

8/3/63

Greetings Jennie:

Your package of Castanea, cards, reports, etc. mailed on 24/1/63 arrived here on 5/3/63. The package of micro-barograph charts mailed on 25/1/63 and your aerogramme of 4/3/63 arrived today. Your previous aerogramme arrived ten days ago. Thanks very much.

My present charts were supplied by WB at Honolulu and were calibrated in Inches of Mercury Pressure for a land station. The new charts are calibrated in Millibars Pressure for a ship station. The time scale is the same on both charts. I cannot determine if the new charts are an entirely new system, a revision of the old system, or merely the old charts are obsolete and discontinued. In any case, we can use the new charts by converting from Inches of Mercury to Millibars. You can tell the WB the charts are being used on an instrument near the center of a deep natural basin several miles in diameter at an altitude of 1050 feet about 90 miles from the sea. I appreciate their contribution of the charts and will advise them of the results in due course.

The World Wide fotos and the Nilvar strip may be passed up for the time being. If we really want them, in the future, we know where, when and how much.

The vines ad in Castanea and one other journal will suffice for now. I've placed the same ad here in two mainland journals. We'll see what turns up before anymore is done.

My beans experiment is doing better. However the vines are not as large and luxurious as last year, probably due to a cool summer. The Hawaiian type spontaneously produces various mutations. This year one plant had different color flowers. The pods were standard green but had bright crimson streaks. Very flashy! Just like beans and tomato sauce without the sauce. I've marked and saved these pods for a special try next year. Maybe I can breed a new variety "Beans Reperosa". Bowiea Volubilis is doing well but Brodiaea Volubilis is going into the dormant stage.

The installation at Bothwell operates steadily with little attention. The results are in reasonable agreement with current ionospheric conditions. The hole congealed three times during February for an hour or so. These brief glimpses of the sidereal universe at 141 meters look encouraging. March should be a better month.

Tomorrow I leave for a weeks trip to the northwest tip of the island on a digging expedition. My man at Bothwell should keep everything operating during my absence.

Next time an EC man goes to Manila, I'd like to have him stop by to see what is going on here.

Best regards,

*Grote Reber*

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