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LTERR DATABITS

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Spring 1992 Data Management Newsletter of Long-term Ecological Research
Spring is here, and so is Databits! This issue features news from the sites, new ways to access LTERNET, some handy data manipulation utilities, a description of a GPS campaign and much more.

From the Sites

PAL-- 1) The Palmer Antarctic LTER (PAL) highlights: OCT91: First field season began NOV91: First annual time-series large-scale cruise DEC91: Weekly small-scale sampling begun JAN92: First automatic weather station installed 2) First field season is in progress (began 11October91 and ends in March92) and going well with sampling including hydrography, optics, nutrients, productivity, krill, antarctic silverfish, skua, and penguin field work. There were 10-12 lter people on site except during the November cruise when the team increased by 6. The ship cruise was held in November as planned although large amounts of ice impacted the large-scale grid sampling. The routine zodiac sampling on the fine-scale grid began in December when ice cleared out of the harbor and continues on a weekly or twice weekly schedule. 3) Two GPS units (one LTER; one Dept. Geography, UCSB) were used during the first field season to establish exact locations of large and fine sampling grid site locations. 4) A Polar Automatic Weather Station was installed 5Jan92 near Bonaparte Point, approximately 1/4 mile from Palmer Station. This is the first of four planned weather stations in the vicinity. Data is collected by the satellites and down-loaded to the Palmer site satellite receiving system and later to the weathernetwork at Univ of Wisc. 5) Palmer station weather watch data has been put into an accessible on-line form. Ice observations have been added to the weather record. Discussions continue with respect to upgrades to the Palmer station weather record including the possiblity of automatic recording of fine scale wind and temperature. --

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