

## EXPLANATION OF IGY DATA TABLES

In order to prepare the data on the following pages for publication the data were first put on punched cards and then checked for correctness essentially by repunching. These procedures should minimize errors of transcription and also facilitate some computations which have been made with some of the data. Tabulating machines were then used to print the data on standard forms and the data were photographed for reproduction. As a further insurance against errors, carbon copies of the data sheets were sent to all investigators to be checked. The data marked as verified in the table of contents have been returned to the data center and the corrections made.

Once the data were on punched cards, it was easy to perform a number of computations, but the machine used for these calculations has a simple logic and so certain restrictions should be noted. Daily totals have been supplied for most of the data when these were not supplied by the investigator himself. No corrections were made, however, for missing bihourly values. In a few cases the data in the WDC consist of hourly values; these were added together to get the bihourly values published here. Again, no correction was made for cases where one of two hourly values was missing, but these cases will be obvious.

Since pressure changes have a greater effect on neutron monitors than cosmic ray variations do, it was felt necessary to correct all neutron monitor data for pressure in cases where this had not been done by the investigator himself. The only exceptions were cases where the pressure data was not available to the data center. No corrections were made by the data center to telescope and ion chamber data; these data are published as received at the data center.

### APPARATUS :

NM — neutron monitor	I — ion chamber
T — cubical telescope	UT — underground telescope
T* — vertical telescope	S — shower apparatus

LOCATION : Latitude and longitude are given in degrees and decimal fractions of a degree.

TIME : All times are Universal Time (UT) except as otherwise noted.  
\* In the body of the table an asterisk (\*) means that the accompanying data is of reduced statistical accuracy because it was derived from part of the instrument or during part of the time interval.

NOTES : Notes referenced in the tables are found at the end of the tables of monitor data.