

SUMMARY OF GSFC CALIBRATION ACTIVITY
 November 1, 1989 through April 30, 1990 (6 months)
 Matthew P. Garhart

SPACECRAFT TIME USED

Total PHCAL time scheduled	374.9 hrs
Time lost to shadow season	13.6 hrs
Other time lost	3.6 hrs
Net PHCAL time	357.7 hrs

CALIBRATION ACTIVITIES

ROUTINE MONITORING

Photometric Sensitivity	121.1 (33.9%)
Wavelength Calibration	39.3 (11.0%)
Linearity Monitoring	24.0 (6.7%)
Total	184.4 (51.6%)

SPECIAL CALIBRATIONS

Alternate calibration stars	55.1 (15.4%)
High dispersion spectra of low dispersion standards	28.0 (7.8%)
Mapping of FES apertures, holes, and focus slots	2.5 (0.7%)
Observations at large negative focus values	12.0 (3.4%)
Partial Read test	6.9 (1.9%)
Scattered light observations	6.9 (1.9%)
Signal-to-noise studies	19.5 (5.5%)
Total	130.9 (36.6%)

SPACECRAFT MAINTENANCE/ENGINEERING

One-gyro Attitude Recovery Test	3.8 (1.1%)
Ground System and Spacecraft Test	6.6 (1.9%)
Total	10.4 (3.0%)

SOFTWARE TESTING/IMPLEMENTATION

System tests	24.0 (6.7%)
Procedure test	8.0 (2.2%)
Total	32.0 (8.9%)