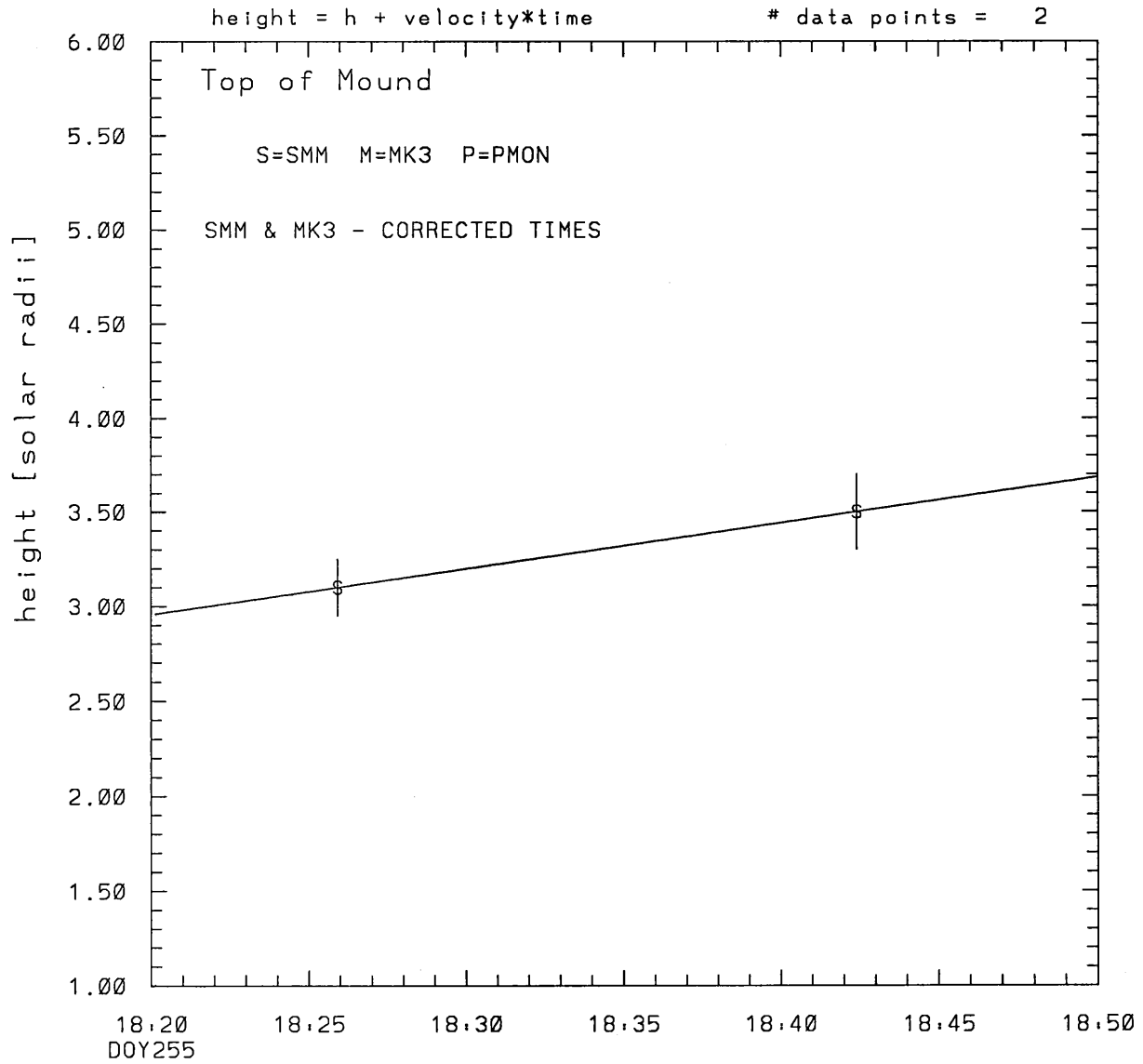


SMM C/P 1989 DOY255 147 +/- 0 degrees



tstart=DOY255 17.1 +/- 0.0 [min.]
radial velocity= 281. +/- 0. [km/sec]

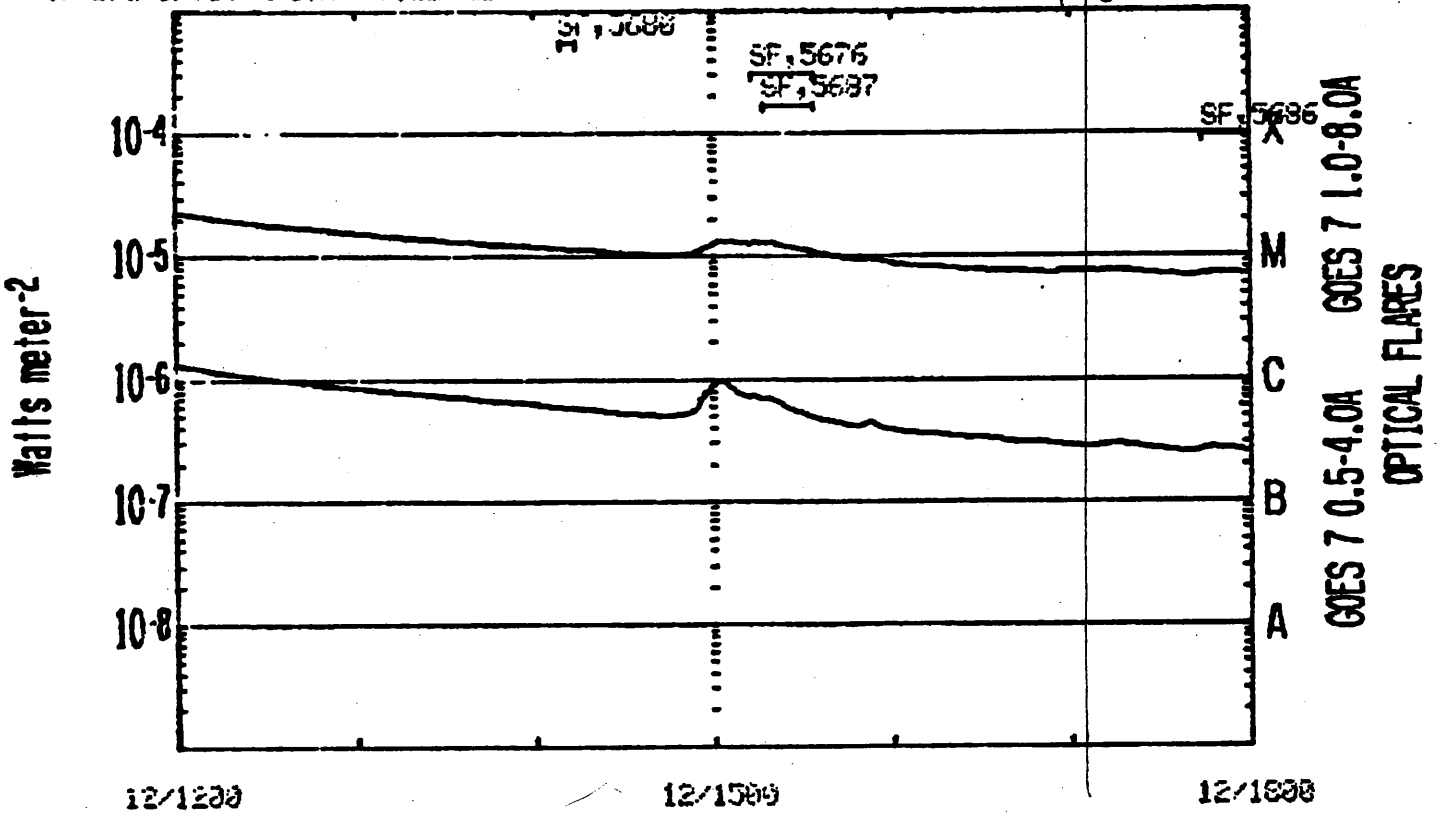
1989 Day 255

SPY and OPTICAL DATA TOGETHER

STOP
Ret..

BEGIN: 12 SEP 89

Top of Mound
center = 142
[17:04] SF order only



GOES 7 0.5-4.0A
GOES 7 1.0-8.0A
OPTICAL FLARES

12/1200

12/1500

12/1800

SAA's
NIGHT

GOES-7 1 MIN DATA; OPTICAL FLARE DUR. IMP. REGION

RUN: 2039UT
13 SEP 89

This is a 1 order run

INPUT:

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	255	18:25:55	3.10 +/-	0.15	147.0 +/-	1.0	SMM
1989	255	18:42:25	3.50 +/-	0.20	147.0 +/-	1.0	SMM

Structure being measured:
Top of Mound

OUTPUT:

START TIME:

Event began at t = 0 + -0.807E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 255 17: 1 +/- 0.000E+00 [minutes]

Origin defined at DOY255 18:20

RADIAL INFORMATION:

RADIAL VELOCITY = 281. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.296E+01 +/- 0.429E-06 [solar radii]
c(2) = 0.242E-01 +/- 0.301E-07 [radii/min]
c(2) = 0.281E+03 +/- 0.349E-03 [km/sec]
c(3) = 0.000E+00 +/- 0.000E+00 [radii/min**2]
c(3) = 0.000E+00 +/- 0.000E+00 [km/sec**2]

ANGULAR INFORMATION:

ANGULAR VELOCITY = 0.0000E+00 +/- 0.0000E+00[radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) = 147. +/- 0. [degrees]
a(2) = 0.000E+00 +/- 0.000E+00 [degrees/min]
a(2) = 0.000E+00 +/- 0.000E+00 [rad/sec]
a(3) = 0.000E+00 +/- 0.000E+00 [degrees/min**2]
a(3) = 0.000E+00 +/- 0.000E+00 [rad/sec**2]

The RADIAL velocity at 18:25 = 281. km/sec

The RADIAL velocity at 18:42 = 281. km/sec

The following info is for estimating goodness of the fit

Number data points = number of coefficients. No error analysis is possible.

Correlation coefficient is not computable!