SMM C/P   1988 DOY156   75 +/-   0 degrees

height = h + velocity*time   # data points =   2

Top of Mound

S=SMM   M=MK3   P=PMON

SMM & MK3 - CORRECTED TIMES

height [solar radii]

6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00

1:30   1:40   1:50   2:00   2:10   2:20   2:30
DOY156
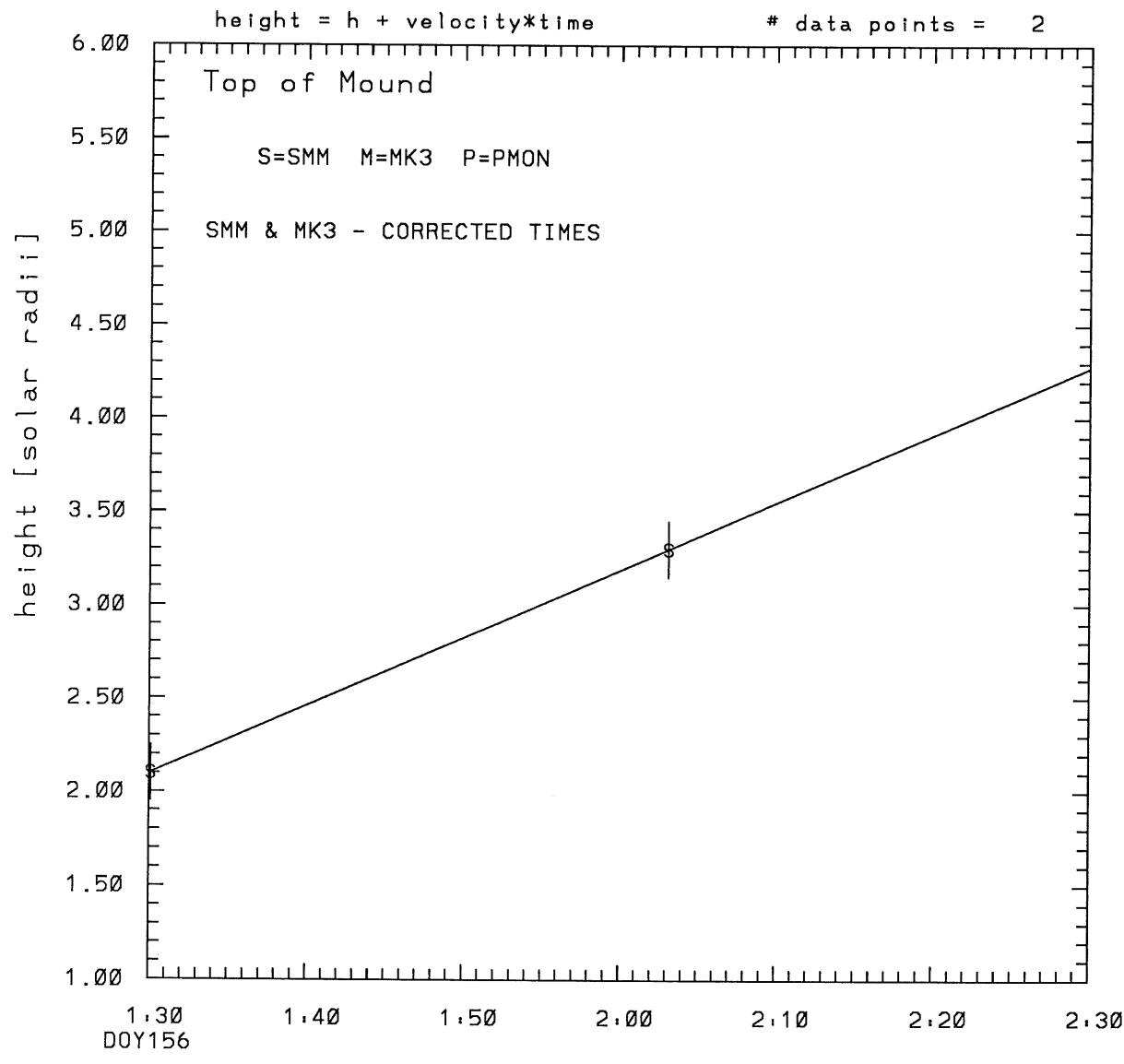
tstart=DOY156   1: 0 +/-   0.0 [min.]
radial velocity=   421. +/-   0. [km/sec]

```
********************
 This is a 1 order run
********************


*******
 INPUT:
*******


                    error in        error in
year doy    time    radii  radius   angle  angle    datatype
1988 156   1:30: 6  2.10 +/- 0.15    75.0 +/-  0.5     SMM
1988 156   2: 3: 9  3.30 +/- 0.15    75.0 +/-  1.0     SMM


******************************************
 Structure being measured:
Top of Mound
******************************************


********
 OUTPUT:
********


START TIME:


Event began at t = 0 + -0.302E+02 +/-  0.000E+00 [minutes]
In more convenient units:
Event began at DOY 156  1:00 +/-  0.000E+00 [minutes]


Event began at DOY 156  1: 0 +/-  0.000E+00 [minutes]


Origin defined at DOY156  1:30


RADIAL INFORMATION:


RADIAL VELOCITY =   421. +/-    0. km/sec


The computed RADIAL coefficients and errors FROM NLLST2 are:


c(1) =   0.210E+01 +/-   0.239E-06 [solar radii]
c(2) =   0.363E-01 +/-   0.102E-07 [radii/min]
c(2) =   0.421E+03 +/-   0.118E-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) =  75. +/-   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 TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:
The TANGENTIAL velocity at 1:30 =   0. km/sec
The TOTAL velocity at 1:30 = 421. km/sec

The TANGENTIAL velocity at 2: 3 =   0. km/sec
The TOTAL velocity at 2: 3 = 421. 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!