

NEWSMIR.075 28 FEBR. 1989

MIR TO HIGHER ORBIT ON 25 FEBR. 1989.

With the help of Progress-40 the complex has been put in a higher orbit in the night from 24 to 25 Febr. '89.

These corrections occur regularly and are necessary for

1. to adjust the trajectory to receive another s/c (in this case the Progress-41, which can be expected in March, possible launch on 16 March.),
 2. to correct the normal decay and thus preventing the station to come into a too low orbit. (The strong solar activity nowadays increases that decay.)
- After an orbit change the Keplers defined before that change cannot be used any longer. Herewith a provisional set calculated by Wim Holwerda of the Dutch "Werkgroep Kunstmanen" for which he used TCA-s observed by me over 3 days:

MIR
EPOCH 89,056.265972
DECAYRATE 0.00046
INCL. 51.63
R.A.A.N. 207.10928
ECCENTR 0.00107
ARG. PER. 310.0000
M.A. 50.0000
M.M. 15.688
ORB. NR. 17369

It is possible that within a few days the set sets out to get inaccurate. Some experiments with the M.M. (decrease this element a little bit f.i.) might help.

Greetings,
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