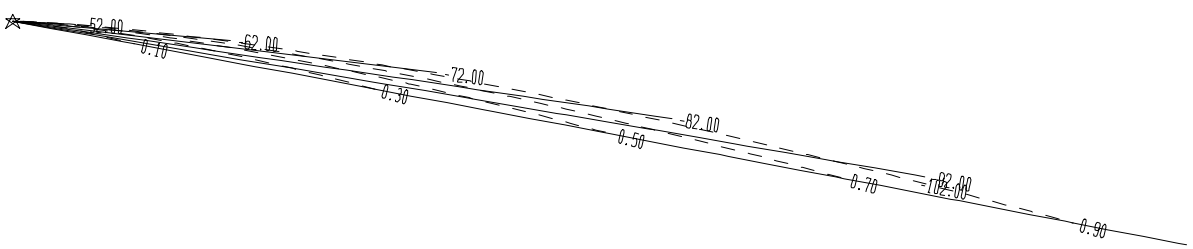
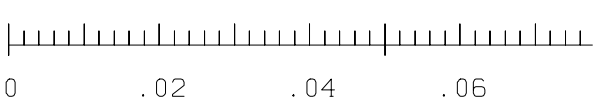
C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 20.000
DAYS AFTER PERIHELION PASSAGE: -42.410

PROJECTION ONTO ORBITAL PLANE:



SCALE: 109.53 CM/AU



AU

DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

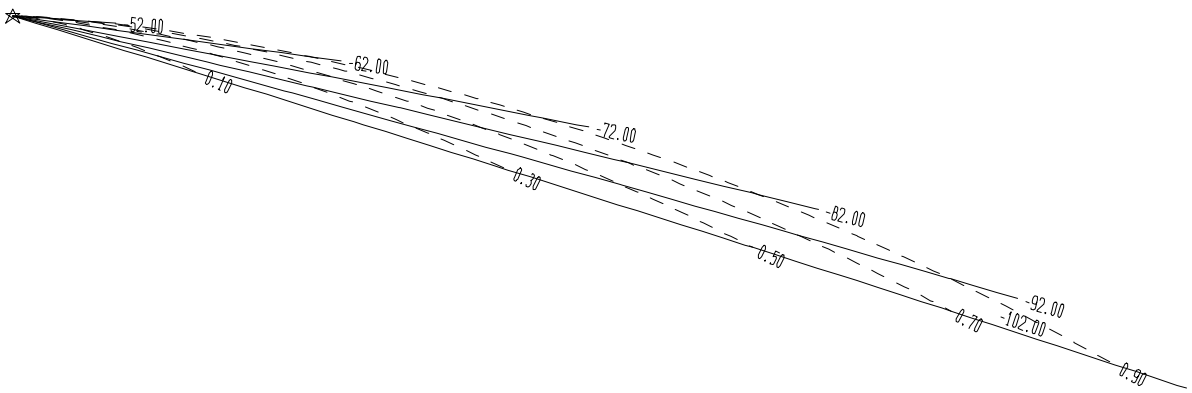
SYNDYNES: - - - - - - - -

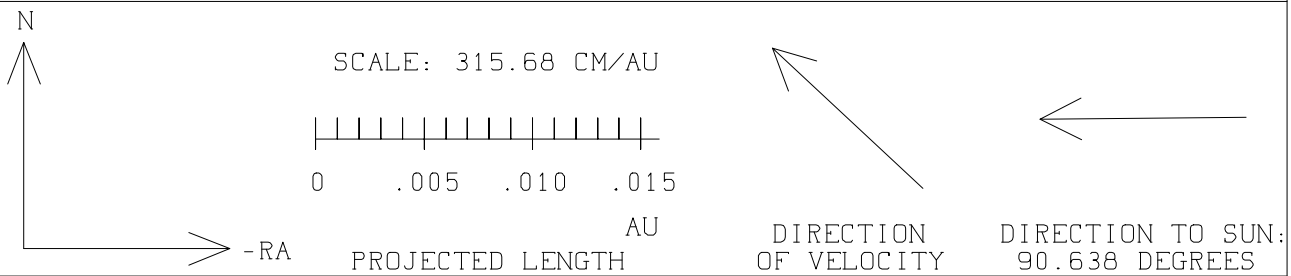
TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.15 AU
DISTANCE FROM THE EARTH: 0.20 AU
DIRECTION TO EARTH: (-0.802, 0.128, 0.584)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 20.000
DAYS AFTER PERIHELION PASSAGE: -42.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:





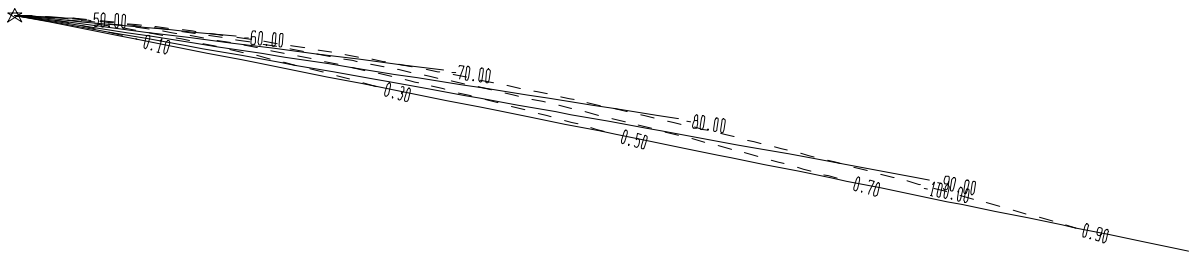
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.15 AU
DISTANCE FROM THE EARTH: 0.20 AU
DIRECTION TO EARTH: (-0.802, 0.128, 0.584)

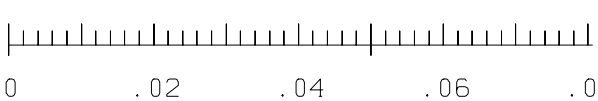
C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 22.000
DAYS AFTER PERIHELION PASSAGE: -40.410

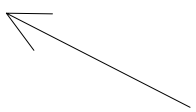
PROJECTION ONTO ORBITAL PLANE:



SCALE: 105.47 CM/AU



AU



DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

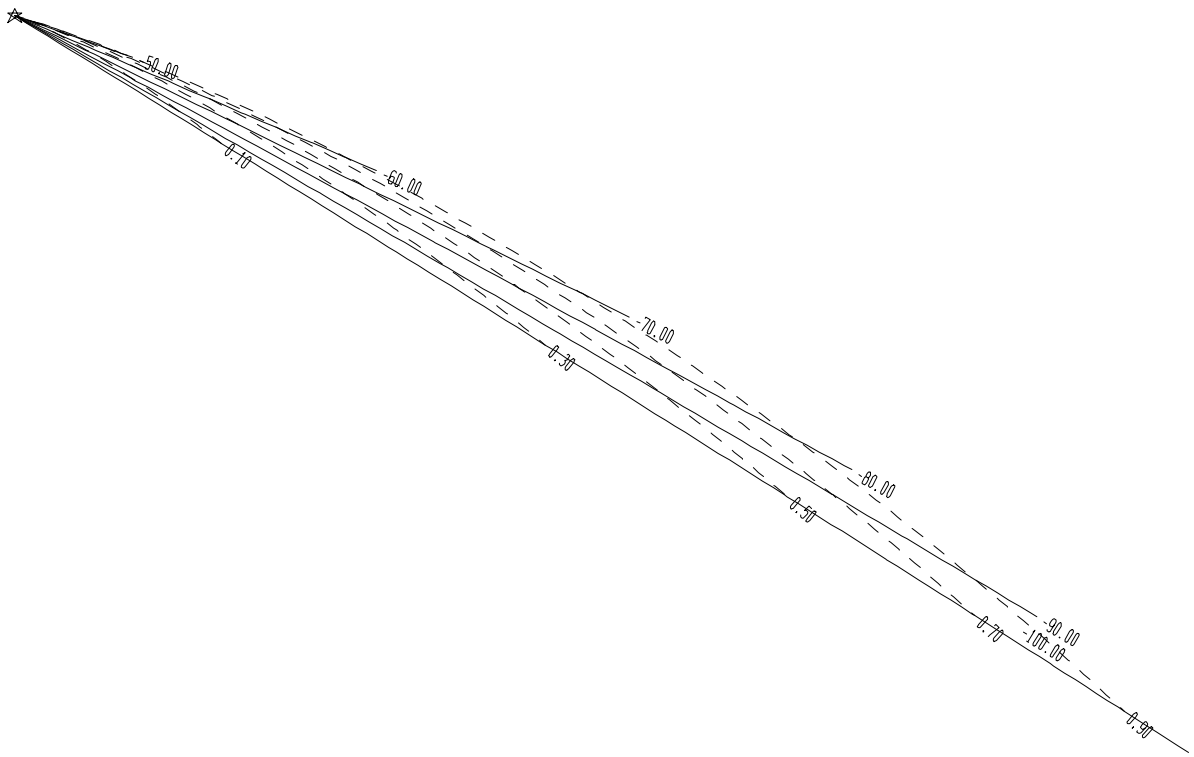
SYNDYNES: - - - - - - - -

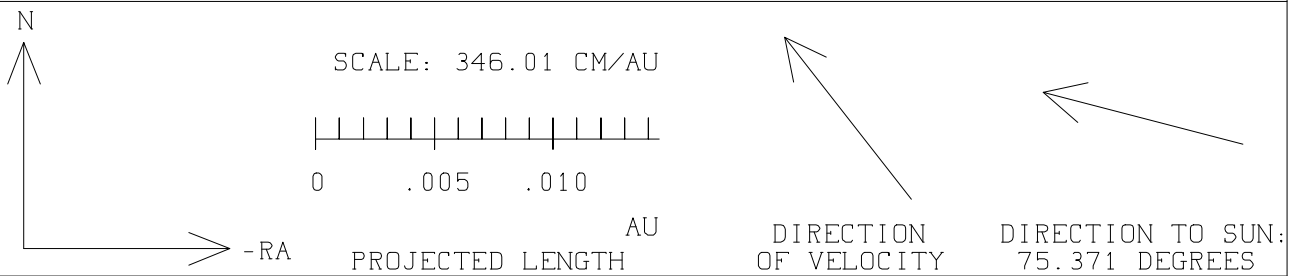
TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.11 AU
DISTANCE FROM THE EARTH: 0.15 AU
DIRECTION TO EARTH: (-0.791, -0.079, 0.606)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 22.000
DAYS AFTER PERIHELION PASSAGE: -40.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:





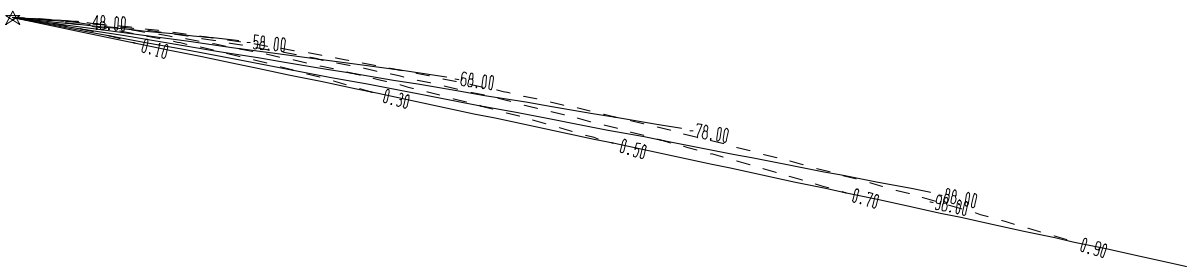
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.11 AU
DISTANCE FROM THE EARTH: 0.15 AU
DIRECTION TO EARTH: (-0.791, -0.079, 0.606)

C/1996B2 Hyakutake

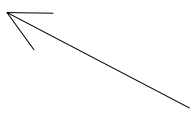
TIME OF OBSERVATION: 1996, 3, 24.000
DAYS AFTER PERIHELION PASSAGE: -38.410

PROJECTION ONTO ORBITAL PLANE:



SCALE: 101.47 CM/AU

AU



DIRECTION OF VELOCITY

DIRECTION TO SUN

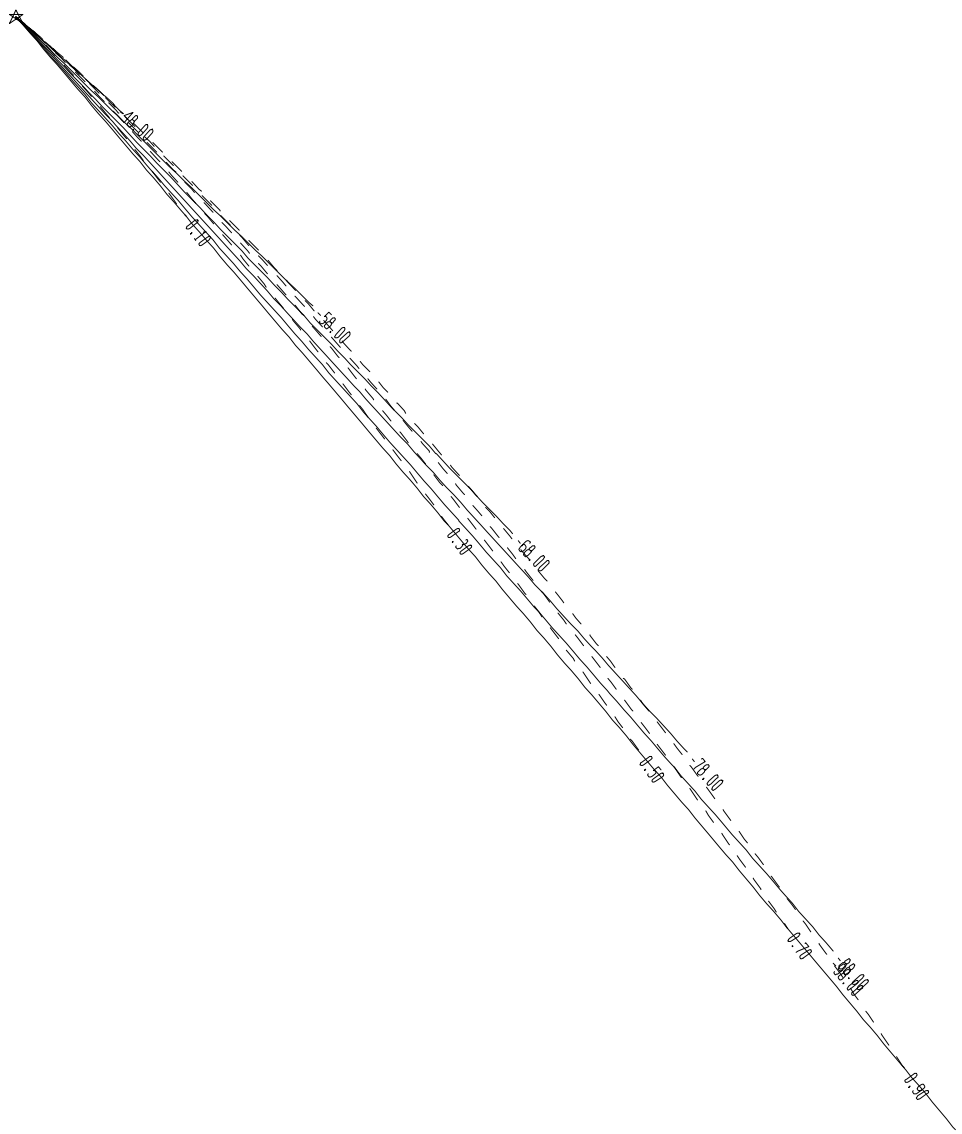
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.07 AU
DISTANCE FROM THE EARTH: 0.11 AU
DIRECTION TO EARTH: (-0.683, -0.462, 0.566)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 24.000
DAYS AFTER PERIHELION PASSAGE: -38.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:



N

-RA

SCALE: 283.84 CM/AU

0 .005 .010 .015

AU

PROJECTED LENGTH

DIRECTION OF VELOCITY

DIRECTION TO SUN: 51.459 DEGREES

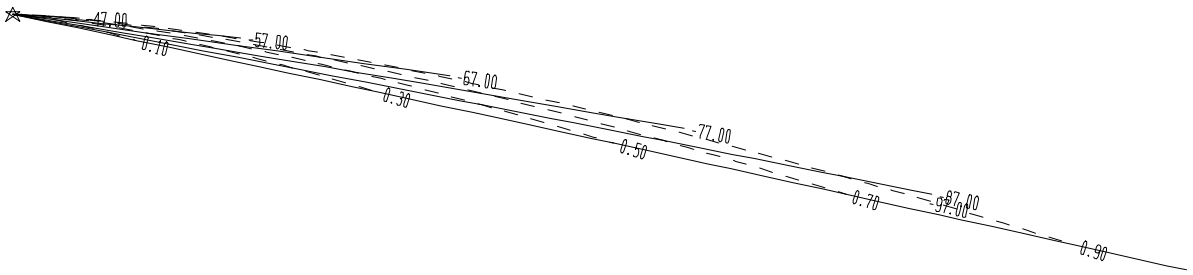
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.07 AU
DISTANCE FROM THE EARTH: 0.11 AU
DIRECTION TO EARTH: (-0.683, -0.462, 0.566)

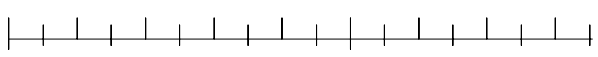
C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 25.000
DAYS AFTER PERIHELION PASSAGE: -37.410

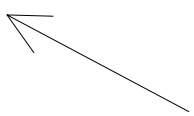
PROJECTION ONTO ORBITAL PLANE:



SCALE: 99.48 CM/AU



AU



DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.05 AU
DISTANCE FROM THE EARTH: 0.10 AU
DIRECTION TO EARTH: (-0.536, -0.698, 0.474)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 25.000
DAYS AFTER PERIHELION PASSAGE: -37.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:

N

-RA

SCALE: 194.32 CM/AU

0 .005.010.015.020.025

AU

PROJECTED LENGTH

DIRECTION OF VELOCITY

DIRECTION TO SUN: 40.108 DEGREES

SYNCHRONES: ————————

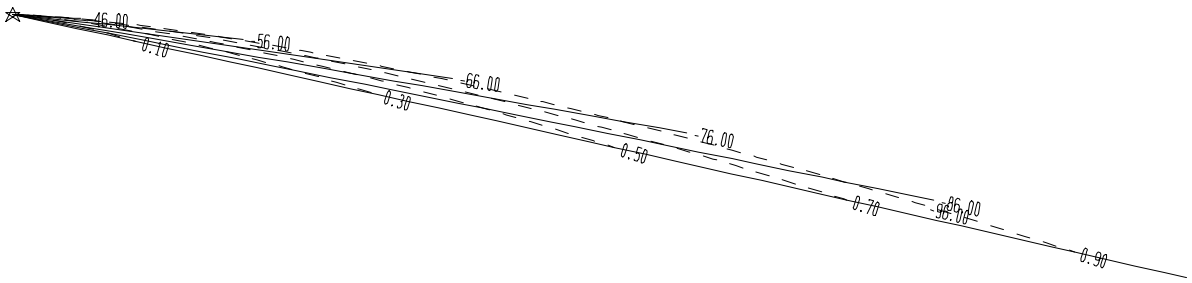
SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.05 AU
DISTANCE FROM THE EARTH: 0.10 AU
DIRECTION TO EARTH: (-0.536, -0.698, 0.474)

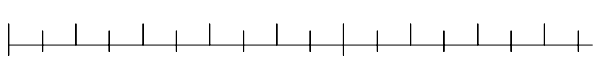
C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 26.000
DAYS AFTER PERIHELION PASSAGE: -36.410

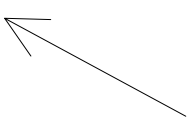
PROJECTION ONTO ORBITAL PLANE:



SCALE: 97.51 CM/AU



AU



DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

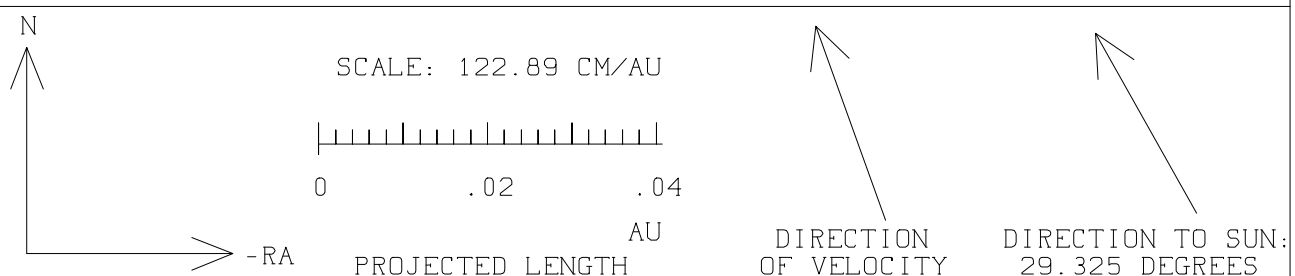
SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.03 AU
DISTANCE FROM THE EARTH: 0.10 AU
DIRECTION TO EARTH: (-0.332, -0.884, 0.330)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 26.000
DAYS AFTER PERIHELION PASSAGE: -36.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:



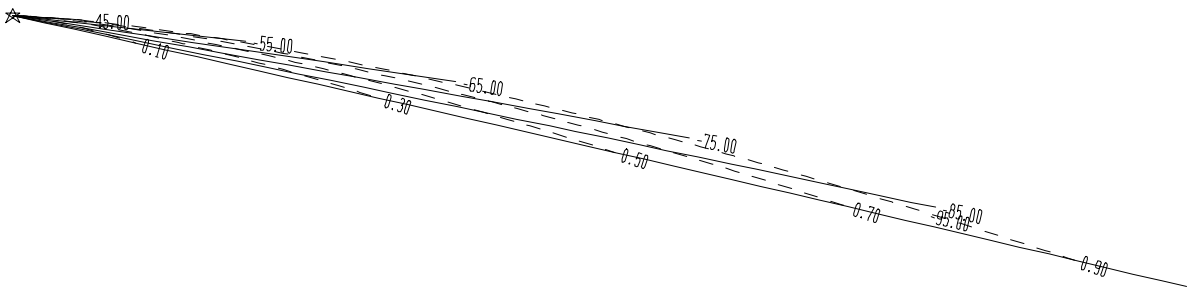
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.03 AU
DISTANCE FROM THE EARTH: 0.10 AU
DIRECTION TO EARTH: (-0.332, -0.884, 0.330)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 27.000
DAYS AFTER PERIHELION PASSAGE: -35.410

PROJECTION ONTO ORBITAL PLANE:



SCALE: 95.56 CM/AU

0 .02 .04 .06 .08

AU

DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

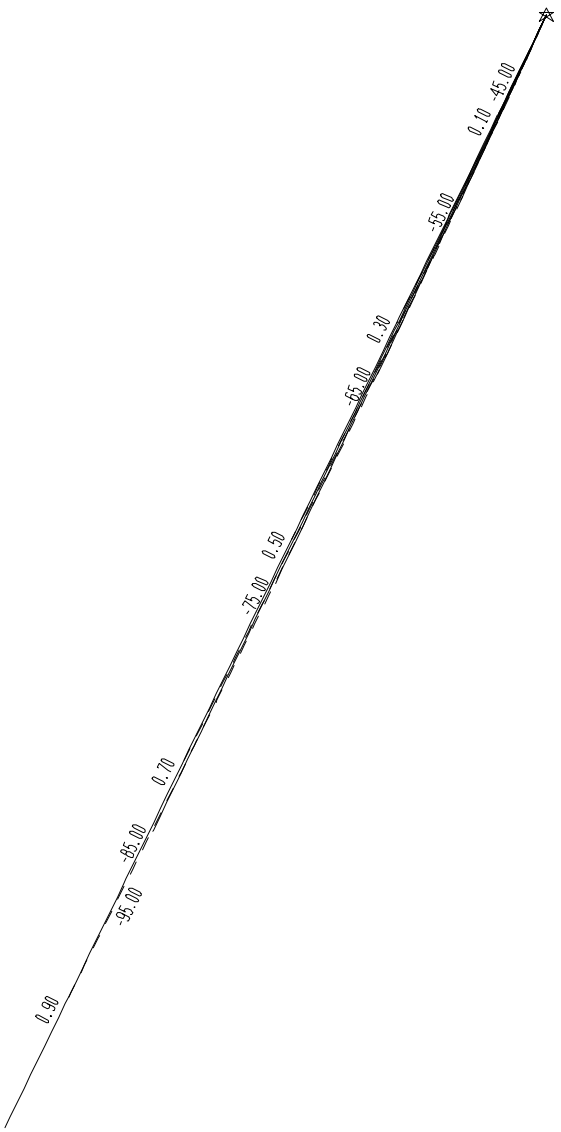
SYNDYNES: - - - - - - - -

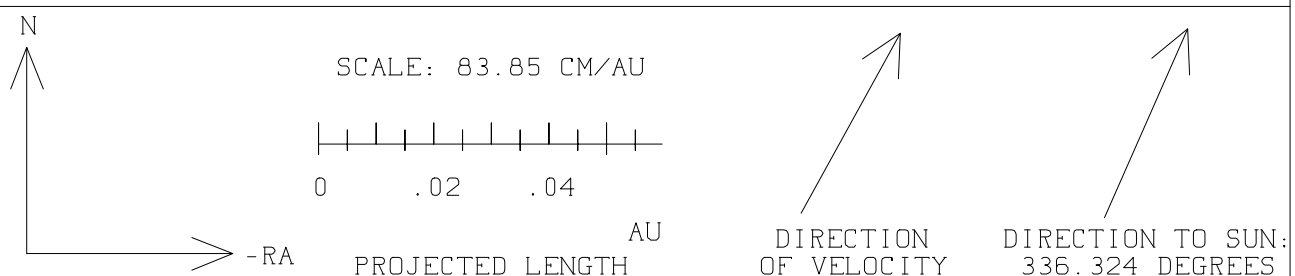
TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.01 AU
DISTANCE FROM THE EARTH: 0.12 AU
DIRECTION TO EARTH: (-0.129, -0.976, 0.175)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 27.000
DAYS AFTER PERIHELION PASSAGE: -35.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:





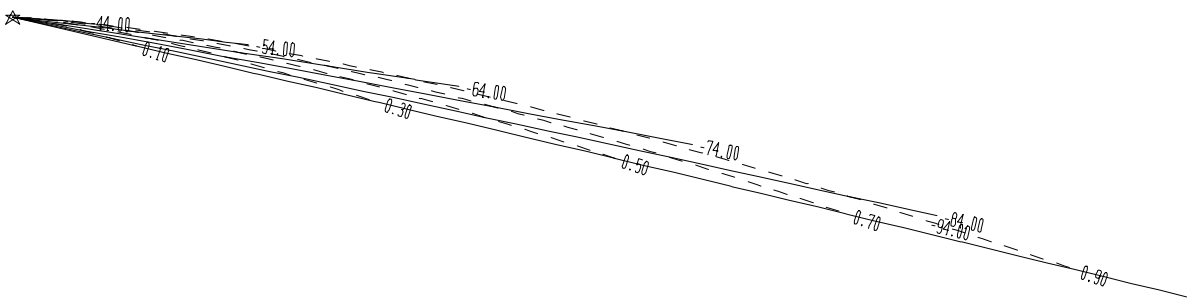
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 1.01 AU
DISTANCE FROM THE EARTH: 0.12 AU
DIRECTION TO EARTH: (-0.129, -0.976, 0.175)

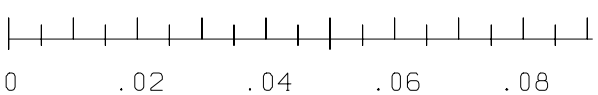
C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 28.000
DAYS AFTER PERIHELION PASSAGE: -34.410

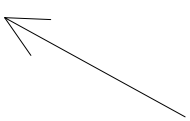
PROJECTION ONTO ORBITAL PLANE:



SCALE: 93.62 CM/AU



AU



DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

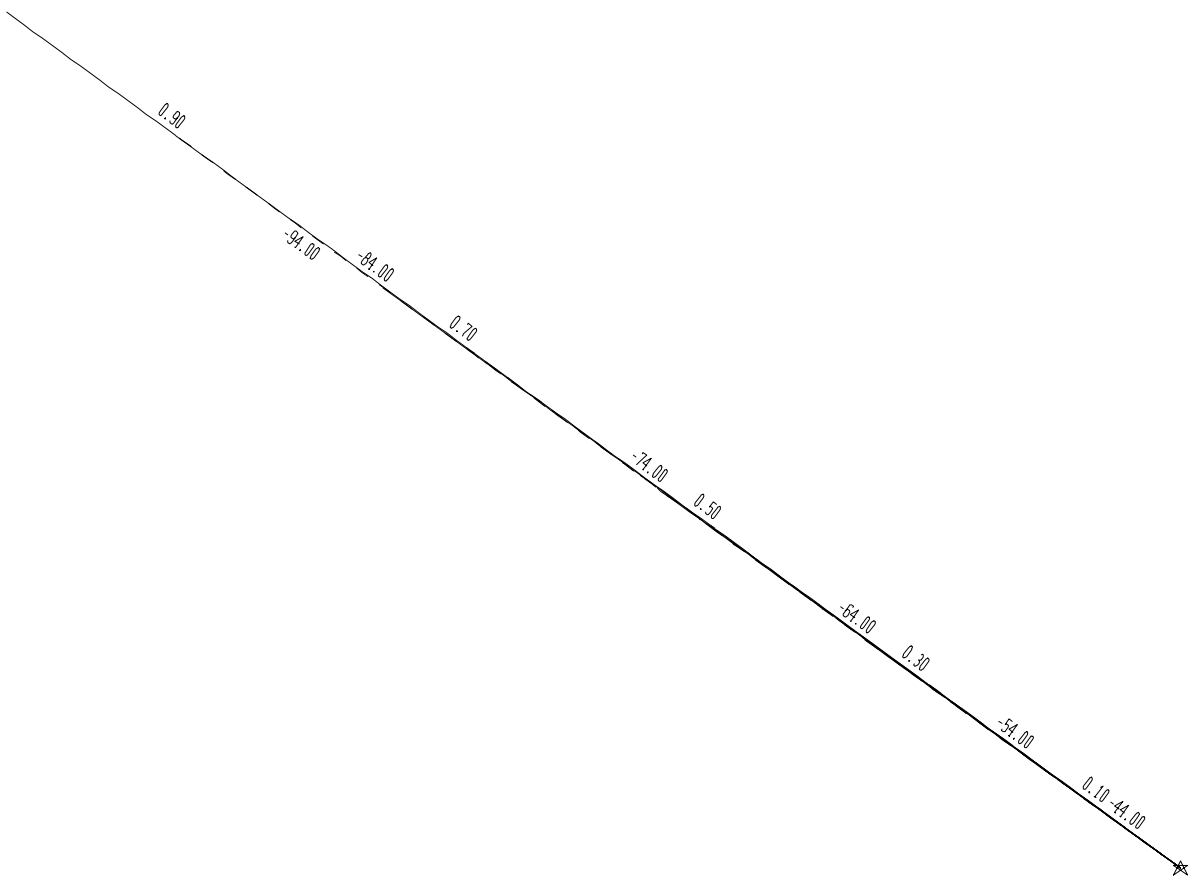
SYNDYNES: - - - - - - - -

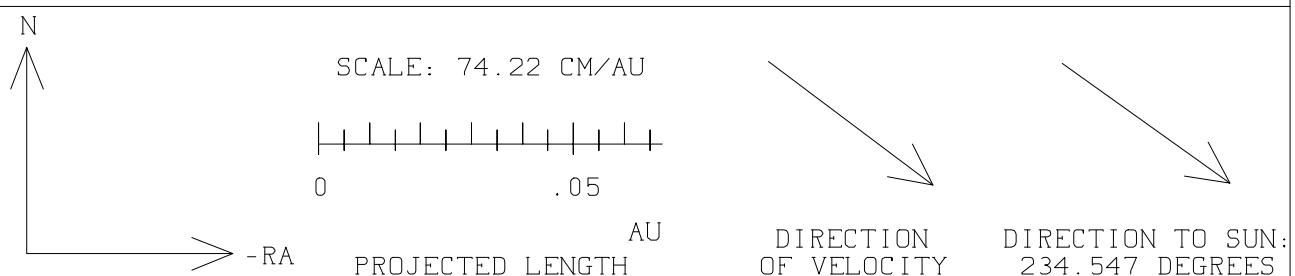
TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.98 AU
DISTANCE FROM THE EARTH: 0.13 AU
DIRECTION TO EARTH: (0.031, -0.998, 0.046)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 28.000
DAYS AFTER PERIHELION PASSAGE: -34.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:





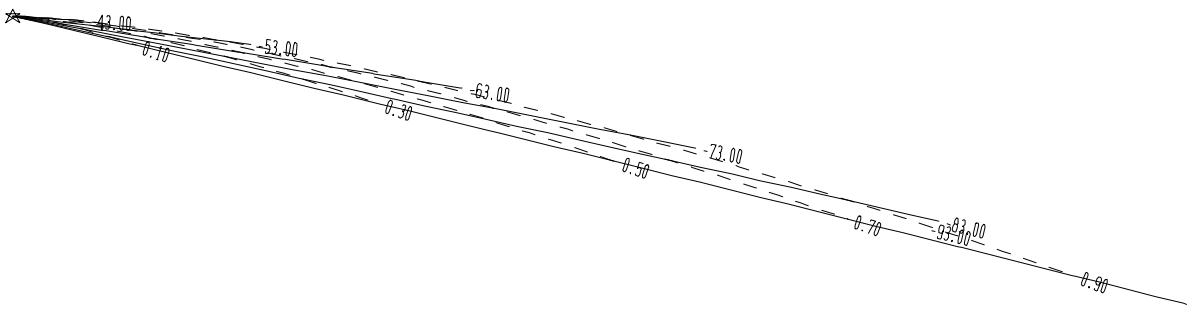
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.98 AU
DISTANCE FROM THE EARTH: 0.13 AU
DIRECTION TO EARTH: (0.031, -0.998, 0.046)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 29.000
DAYS AFTER PERIHELION PASSAGE: -33.410

PROJECTION ONTO ORBITAL PLANE:



SCALE: 91.69 CM/AU

0 .02 .04 .06 .08

AU

DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

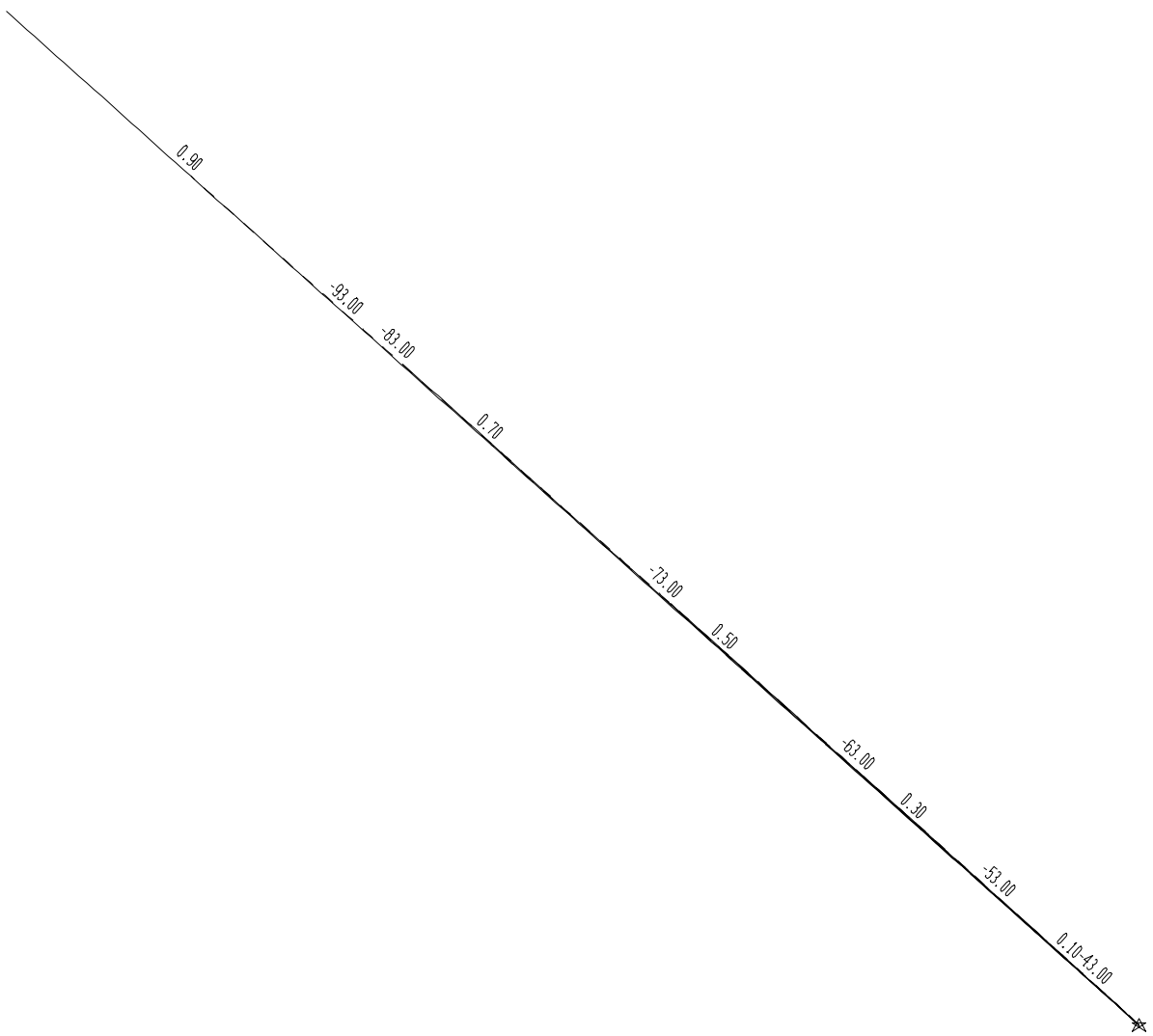
SYNDYNES: - - - - - - - -

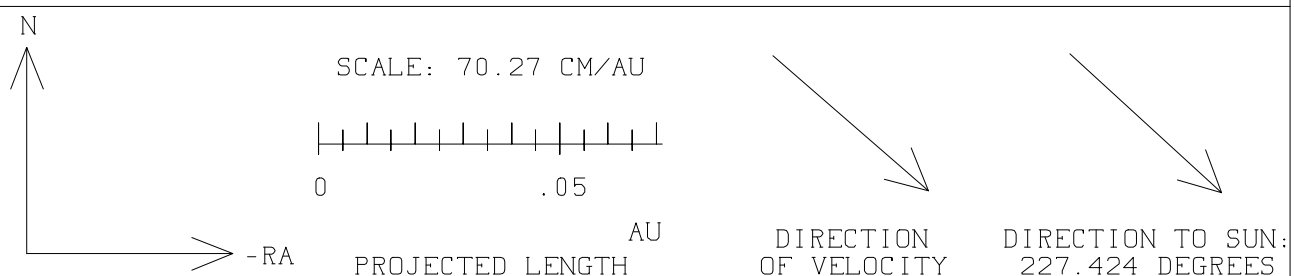
TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.96 AU
DISTANCE FROM THE EARTH: 0.16 AU
DIRECTION TO EARTH: (0.144, -0.988, -0.050)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 29.000
DAYS AFTER PERIHELION PASSAGE: -33.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:





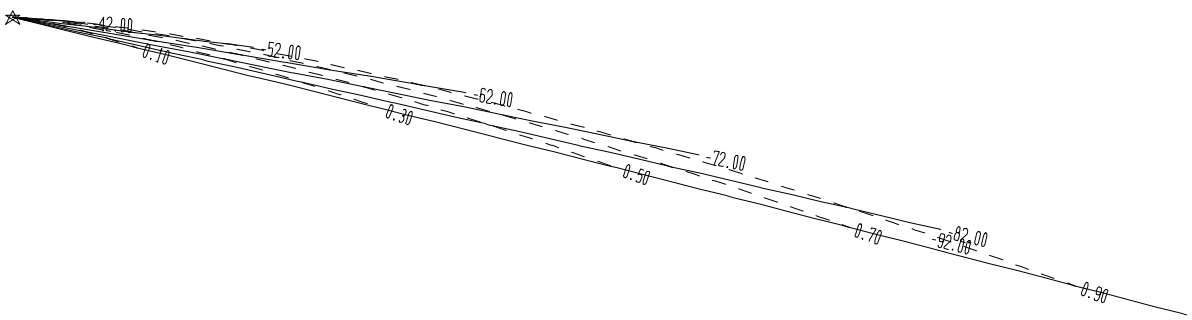
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.96 AU
DISTANCE FROM THE EARTH: 0.16 AU
DIRECTION TO EARTH: (0.144, -0.988, -0.050)

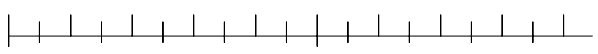
C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 30.000
DAYS AFTER PERIHELION PASSAGE: -32.410

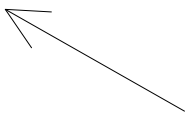
PROJECTION ONTO ORBITAL PLANE:



SCALE: 89.79 CM/AU



AU



DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

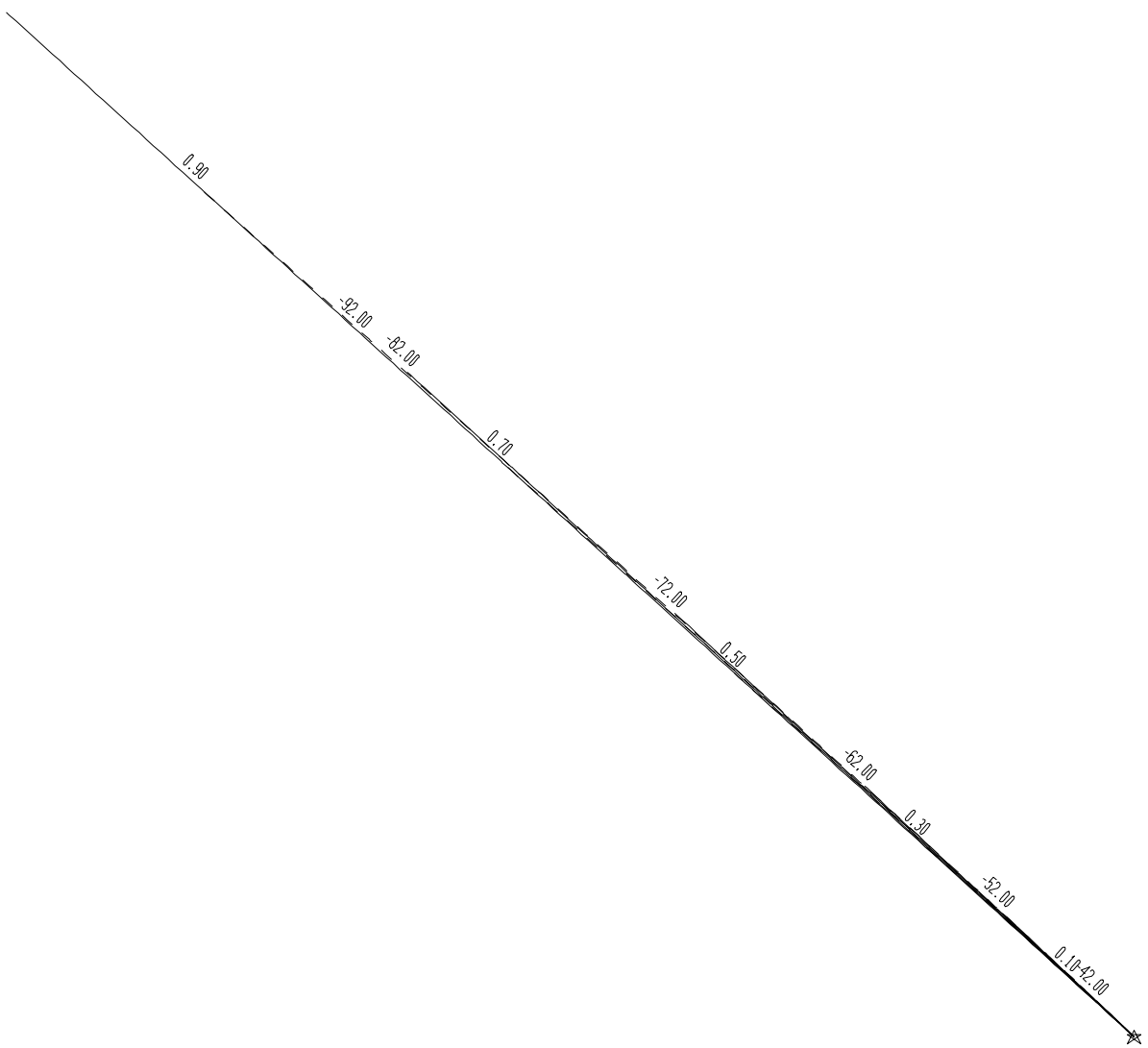
SYNDYNES: - - - - - - - -

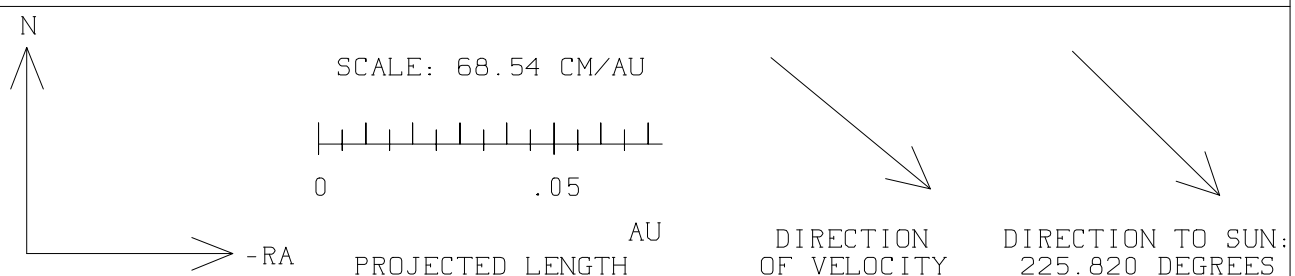
TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.94 AU
DISTANCE FROM THE EARTH: 0.18 AU
DIRECTION TO EARTH: (0.221, -0.968, -0.120)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 30.000
DAYS AFTER PERIHELION PASSAGE: -32.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:





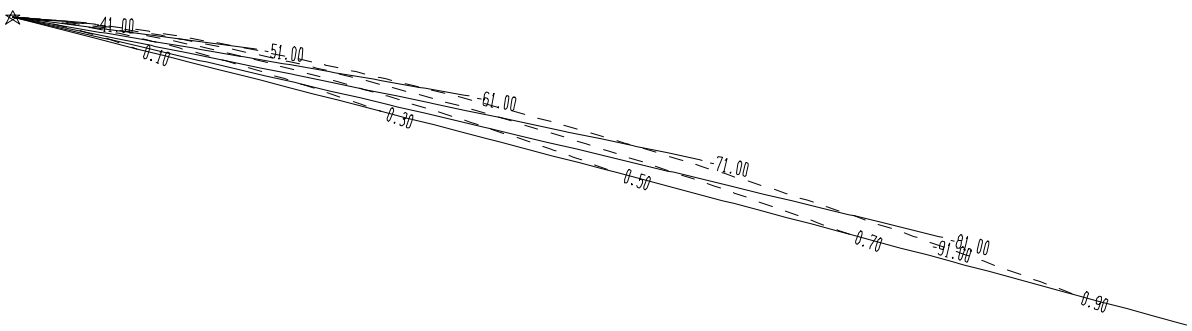
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.94 AU
DISTANCE FROM THE EARTH: 0.18 AU
DIRECTION TO EARTH: (0.221, -0.968, -0.120)

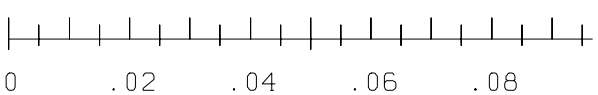
C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 31.000
DAYS AFTER PERIHELION PASSAGE: -31.410

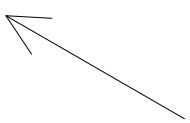
PROJECTION ONTO ORBITAL PLANE:



SCALE: 87.89 CM/AU



AU



DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ——————————

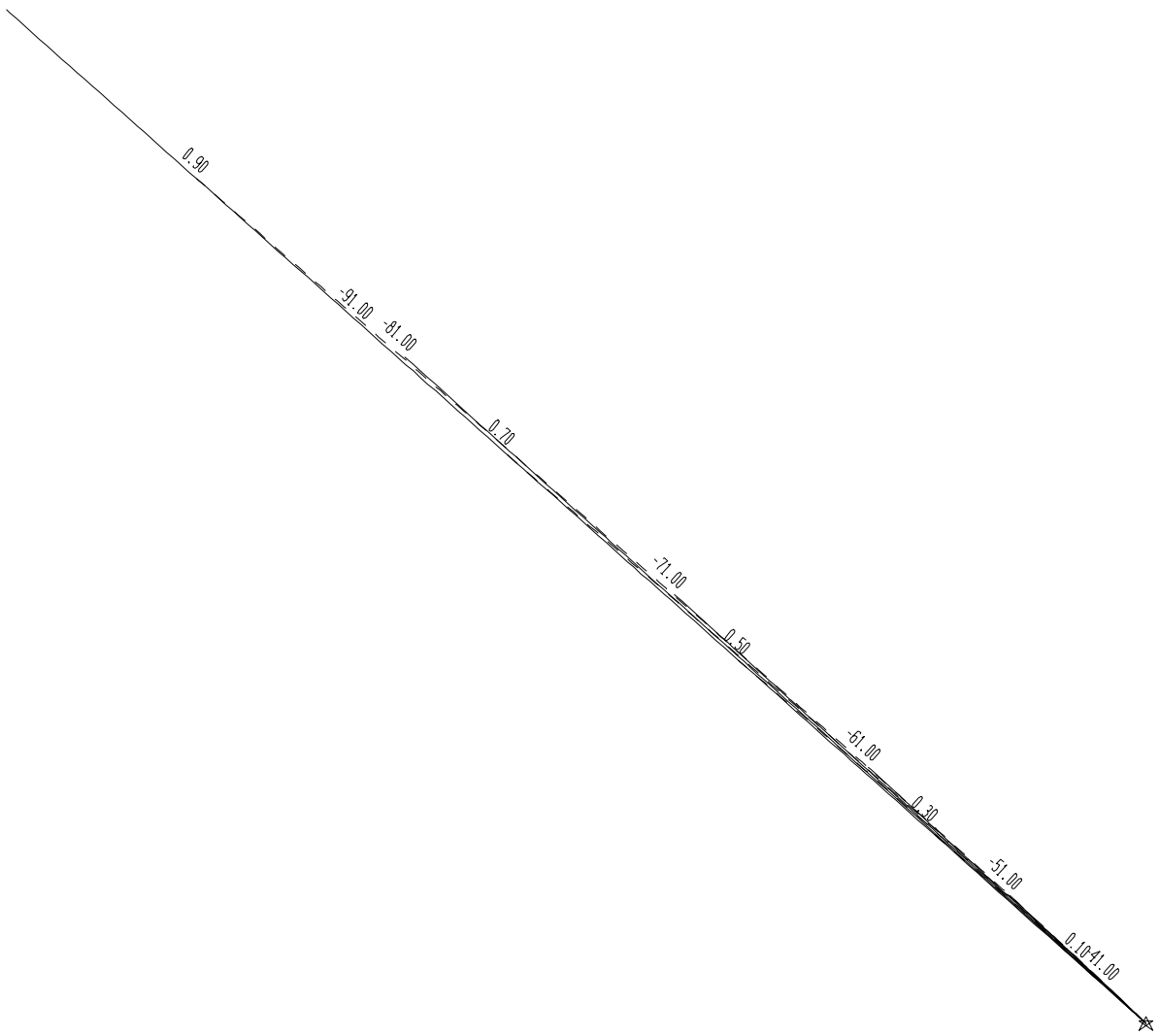
SYNDYNES: - - - - - - - -

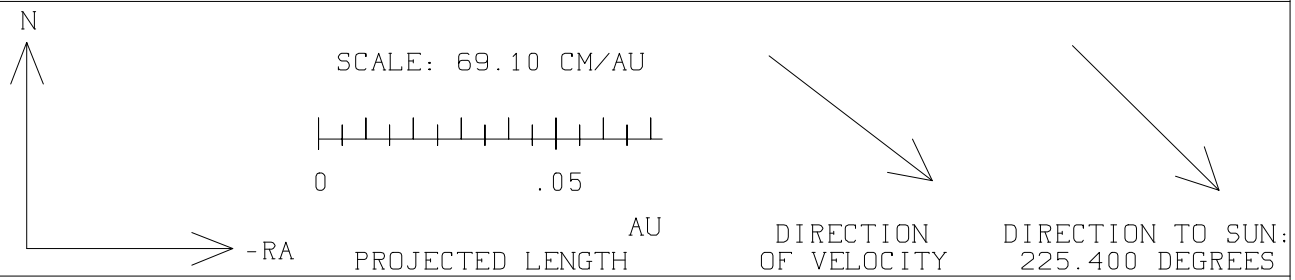
TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.92 AU
DISTANCE FROM THE EARTH: 0.21 AU
DIRECTION TO EARTH: (0.273, -0.947, -0.170)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 3, 31.000
DAYS AFTER PERIHELION PASSAGE: -31.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:





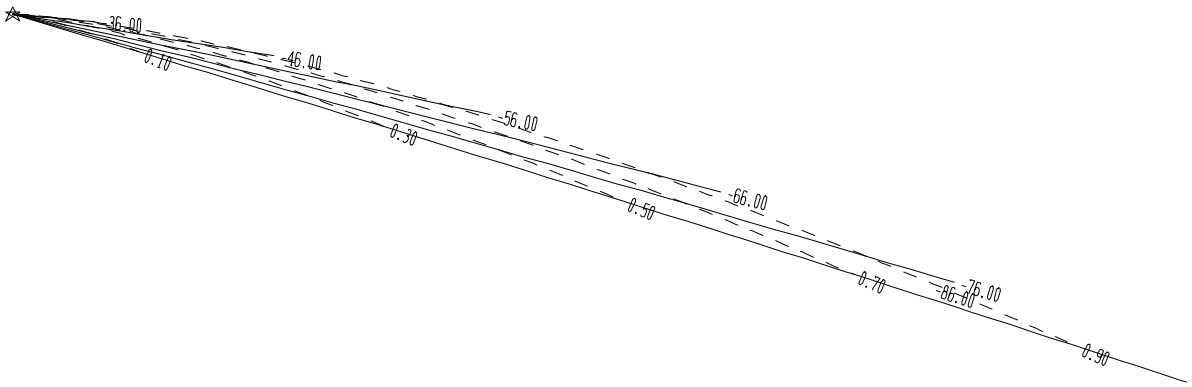
SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.92 AU
DISTANCE FROM THE EARTH: 0.21 AU
DIRECTION TO EARTH: (0.273, -0.947, -0.170)

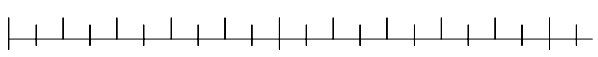
C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 4, 5.000
DAYS AFTER PERIHELION PASSAGE: -26.410

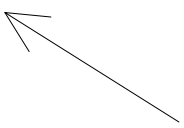
PROJECTION ONTO ORBITAL PLANE:



SCALE: 78.72 CM/AU



AU



DIRECTION OF VELOCITY

DIRECTION TO SUN

SYNCHRONES: ————————

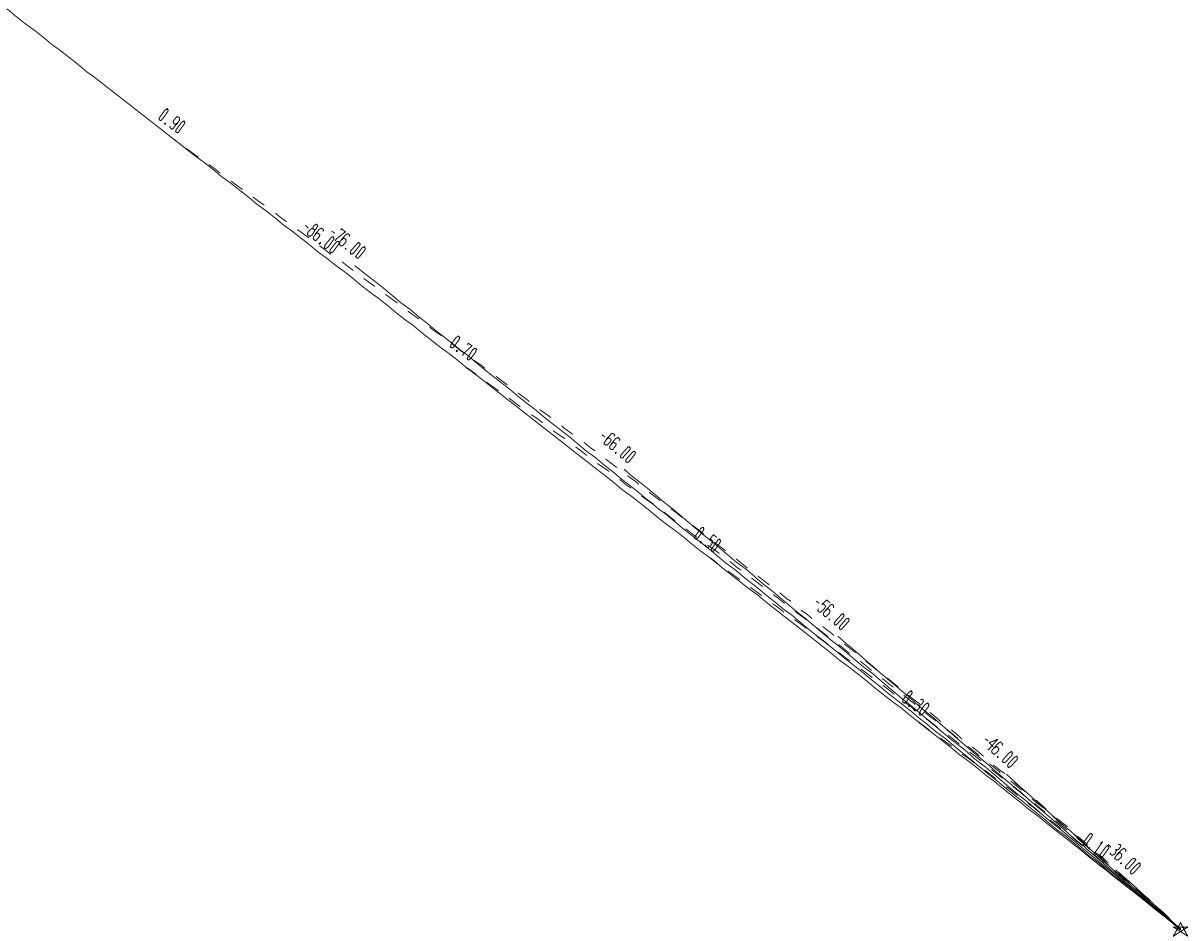
SYNDYNES: - - - - - - - -

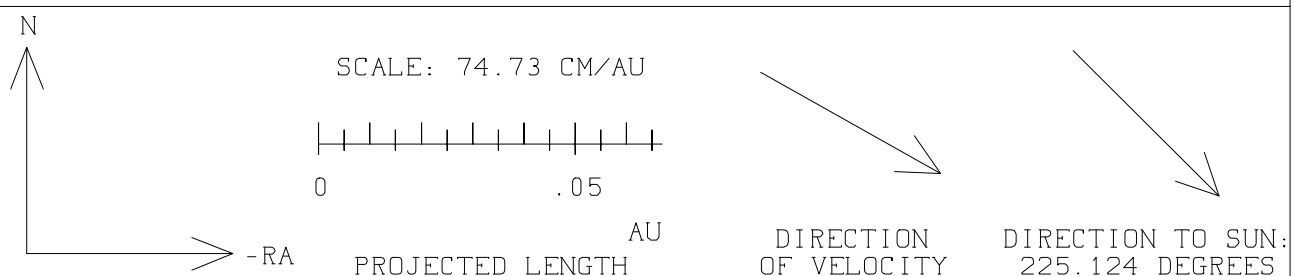
TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.81 AU
DISTANCE FROM THE EARTH: 0.37 AU
DIRECTION TO EARTH: (0.364, -0.885, -0.291)

C/1996B2 Hyakutake

TIME OF OBSERVATION: 1996, 4, 5.000
DAYS AFTER PERIHELION PASSAGE: -26.410

PROJECTION ONTO PHOTOGRAPHIC PLANE:





SYNCHRONES: ——————— SYNDYNES: - - - - - - - -

TERMINAL VELOCITY OF THE DUST: (0., 0., 0.) M/S
DISTANCE FROM THE SUN: 0.81 AU
DISTANCE FROM THE EARTH: 0.37 AU
DIRECTION TO EARTH: (0.364, -0.885, -0.291)