



Department of Energy

WM DOCKET CONTROL
CENTER

Richland Operations Office
P.O. Box 550
Richland, Washington 99352

'85 DEC -5 A10:59

DEC 04 1985

Neil Coleman
U. S. Nuclear Regulatory Commission
7915 Eastern Avenue
Silver Springs, MD 20910

Dear Mr. Coleman:

DOE/NRC HYDROLOGY MEETING

WM Record File

101-2

WM Project 10

Docket No. _____

PDR ☒

LPDR ☒

Distribution:

Coleman

Linehan

(Return to WM, 623-SS)

Enclosed please find hydrographs of Basalt Waste Isolation Project (BWIP) water levels supplied to you in support of the December 9-10, 1985 NRC/DOE Pre-Test consultation meeting.

Very truly yours,

O. L. Olson, Director
Basalt Waste Isolation Division

BWI:cm

Enclosure

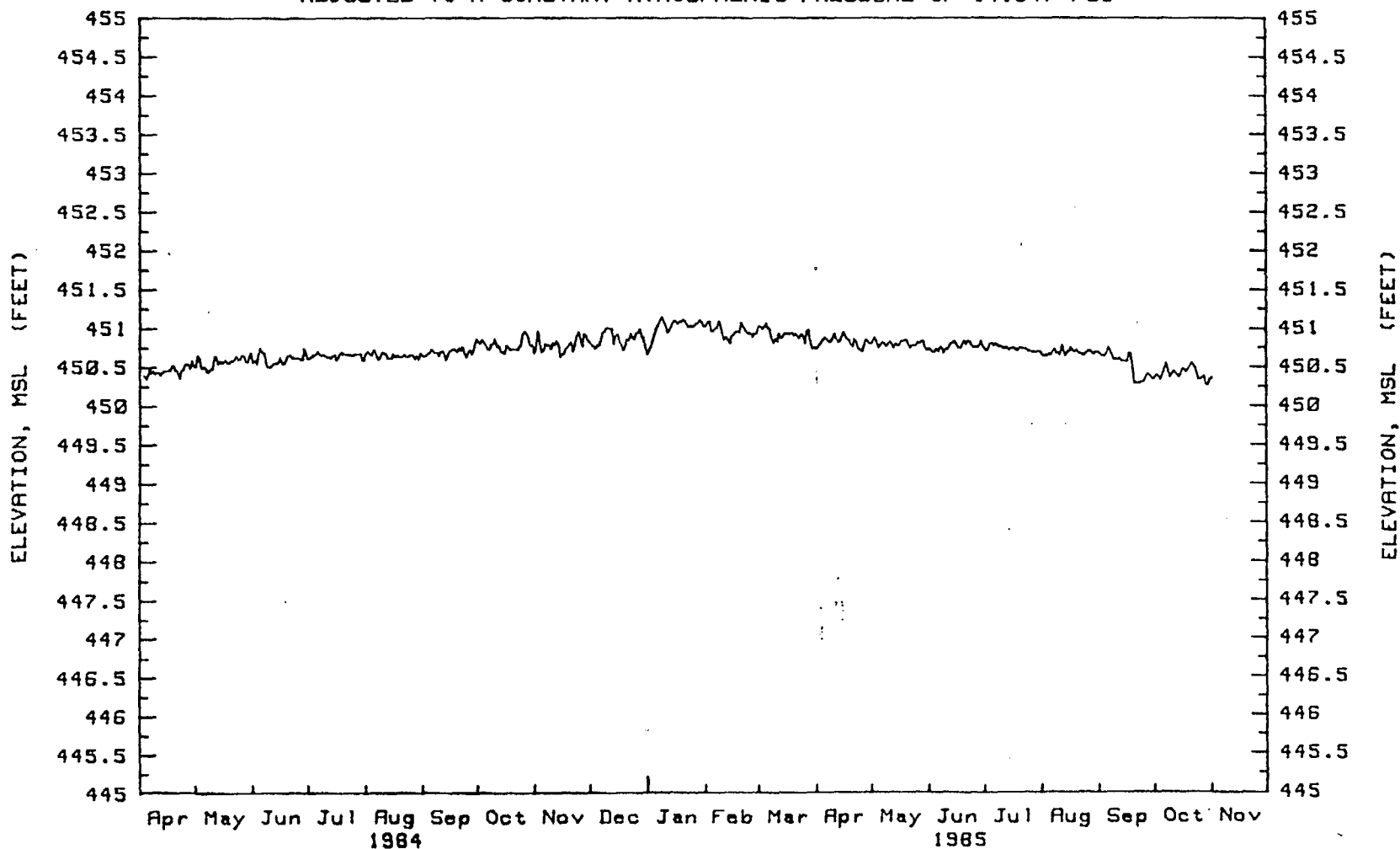
8601130184 851204
PDR WASTE
WM-10 PDR

1454

BOREHOLE: DC-19A HYDROGEOLOGIC UNIT: BASAL RINGOLD

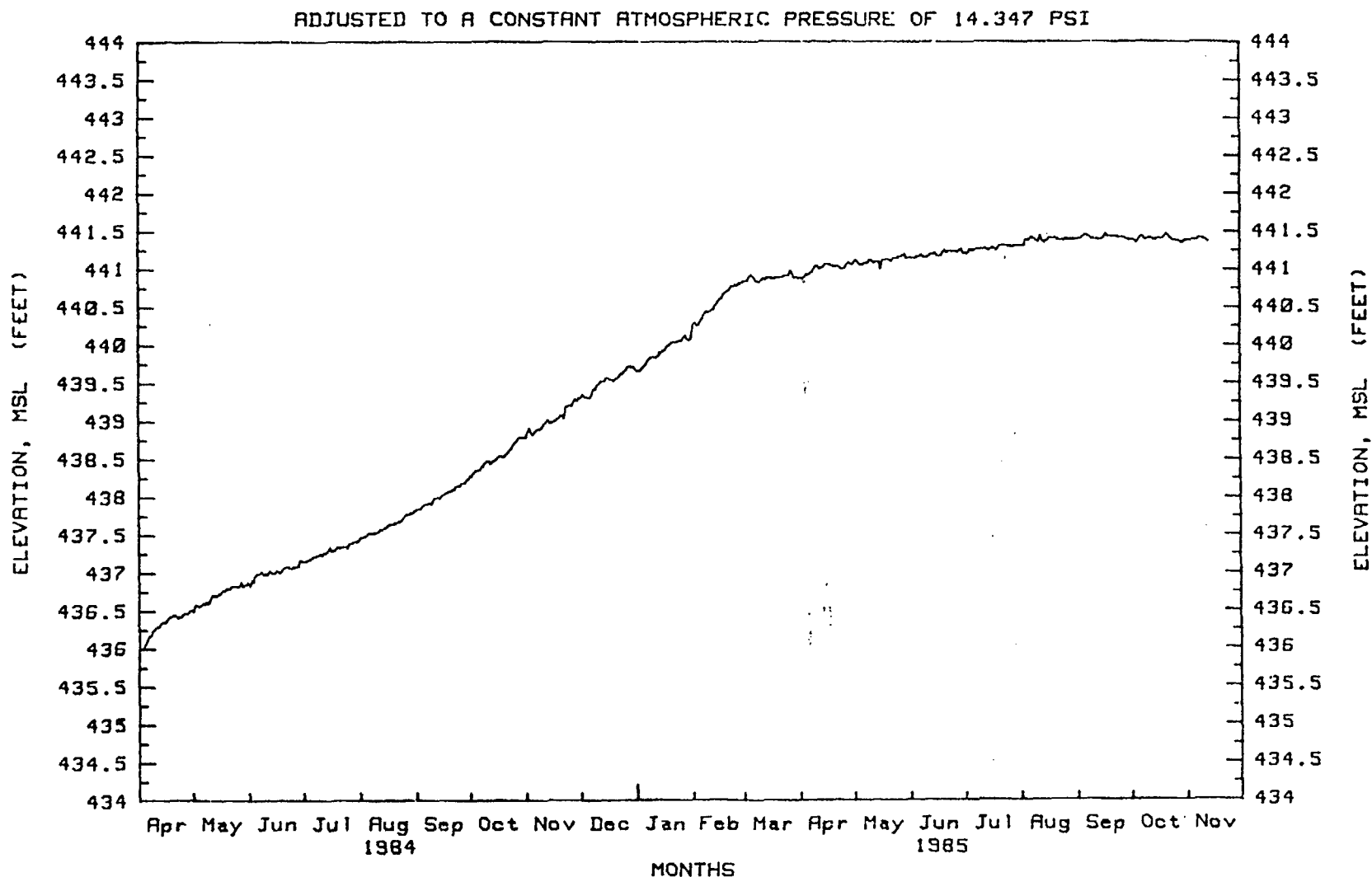
LOCATION: N 433,655 E 2,224,918 DATUM ELEVATION: MEAN SEA LEVEL

ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI



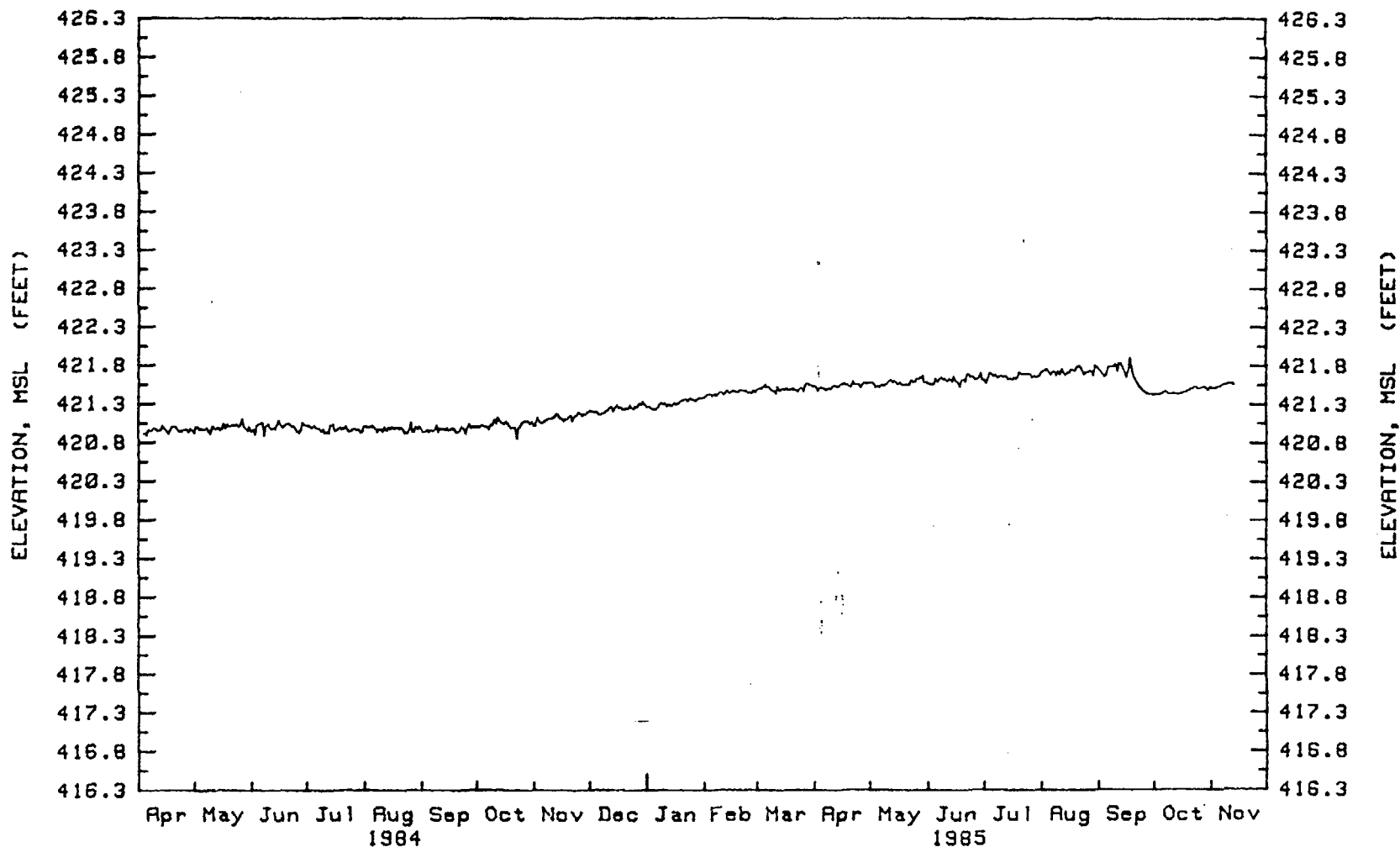
MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: X195BR85

BOREHOLE: DC-19A HYDROGEOLOGIC UNIT: RATTLESNAKE RIDGE INTERBED
LOCATION: N 433,655 E 2,224,918 DATUM ELEVATION: MEAN SEA LEVEL



MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: X19SRR85

BOREHOLE: DC-19D HYDROGEOLOGIC UNIT: MABTON INTERBED
LOCATION: N 433,849 E 2,225,136 DATUM ELEVATION: MEAN SEA LEVEL
ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI

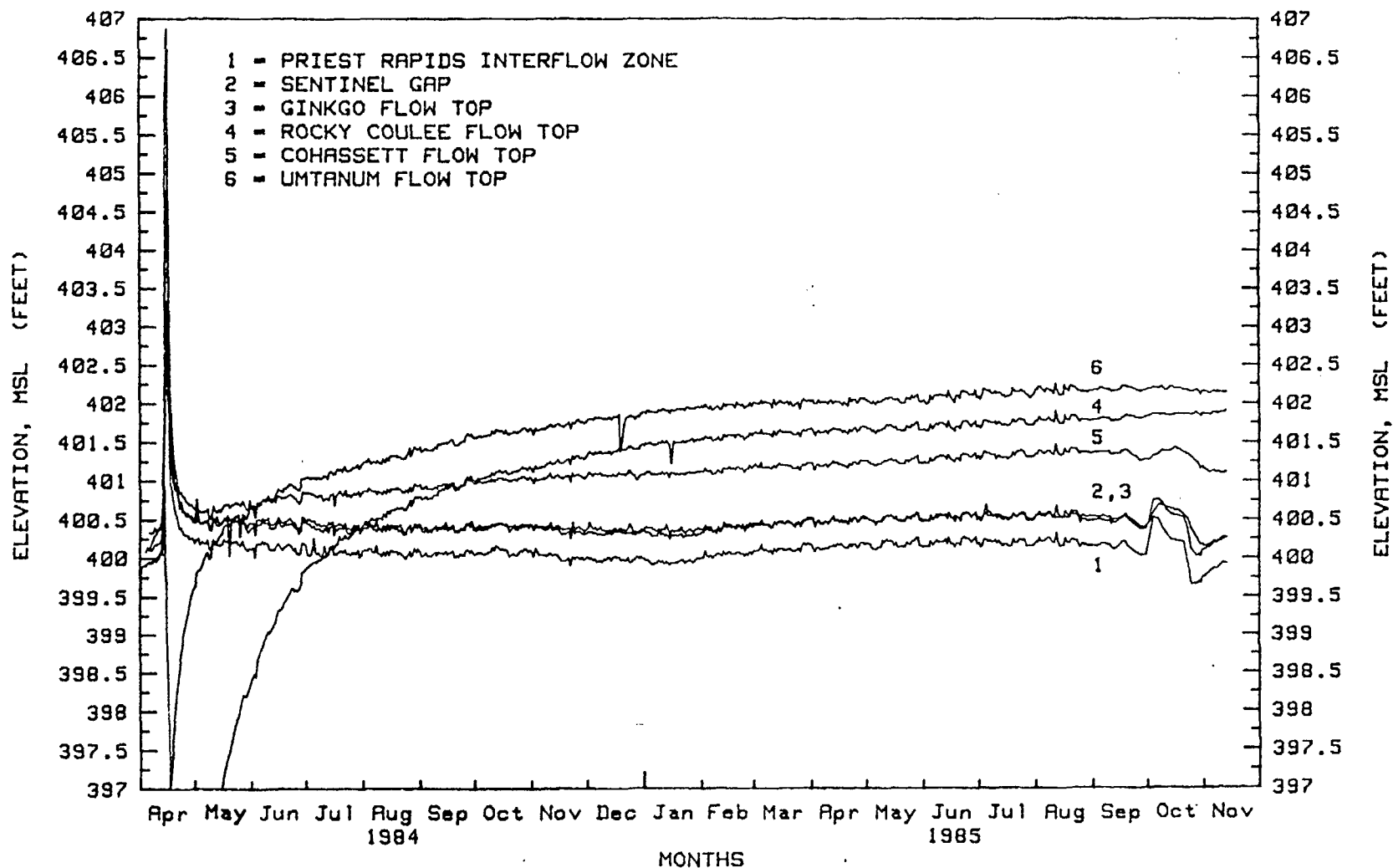


MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: X19SMB85

BOREHOLE: DC-19C HYDROGEOLOGIC UNIT: GRANDE RONDE & WANAPUM

LOCATION: N 433,933 E 2,225,012 DATUM ELEVATION: MEAN SEA LEVEL

ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI

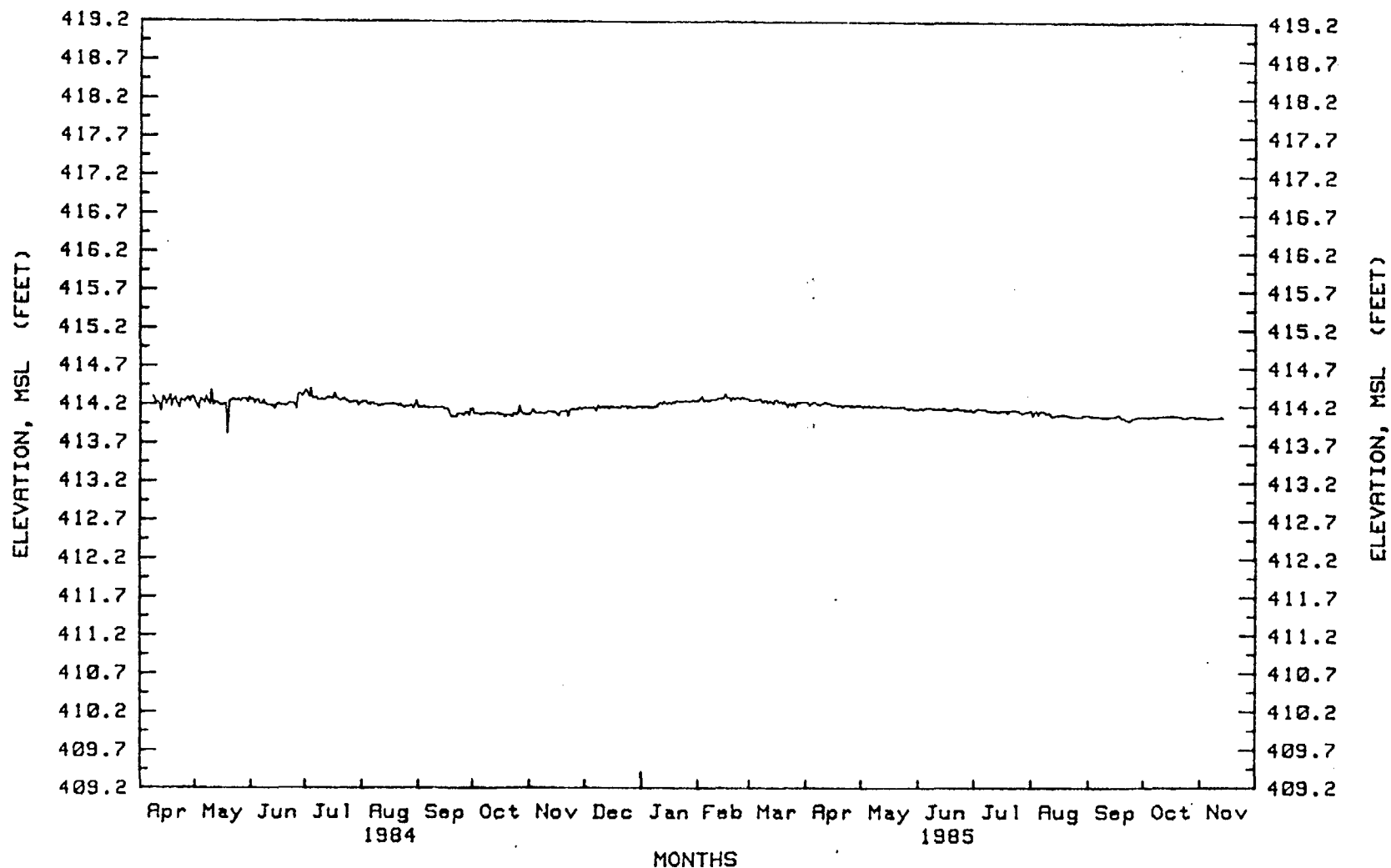


MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: X19WPR85

BOREHOLE: DC-20D HYDROGEOLOGIC UNIT: MABTON INTERBED

LOCATION: N 452,008 E 2,215,170 DATUM ELEVATION: MEAN SEA LEVEL

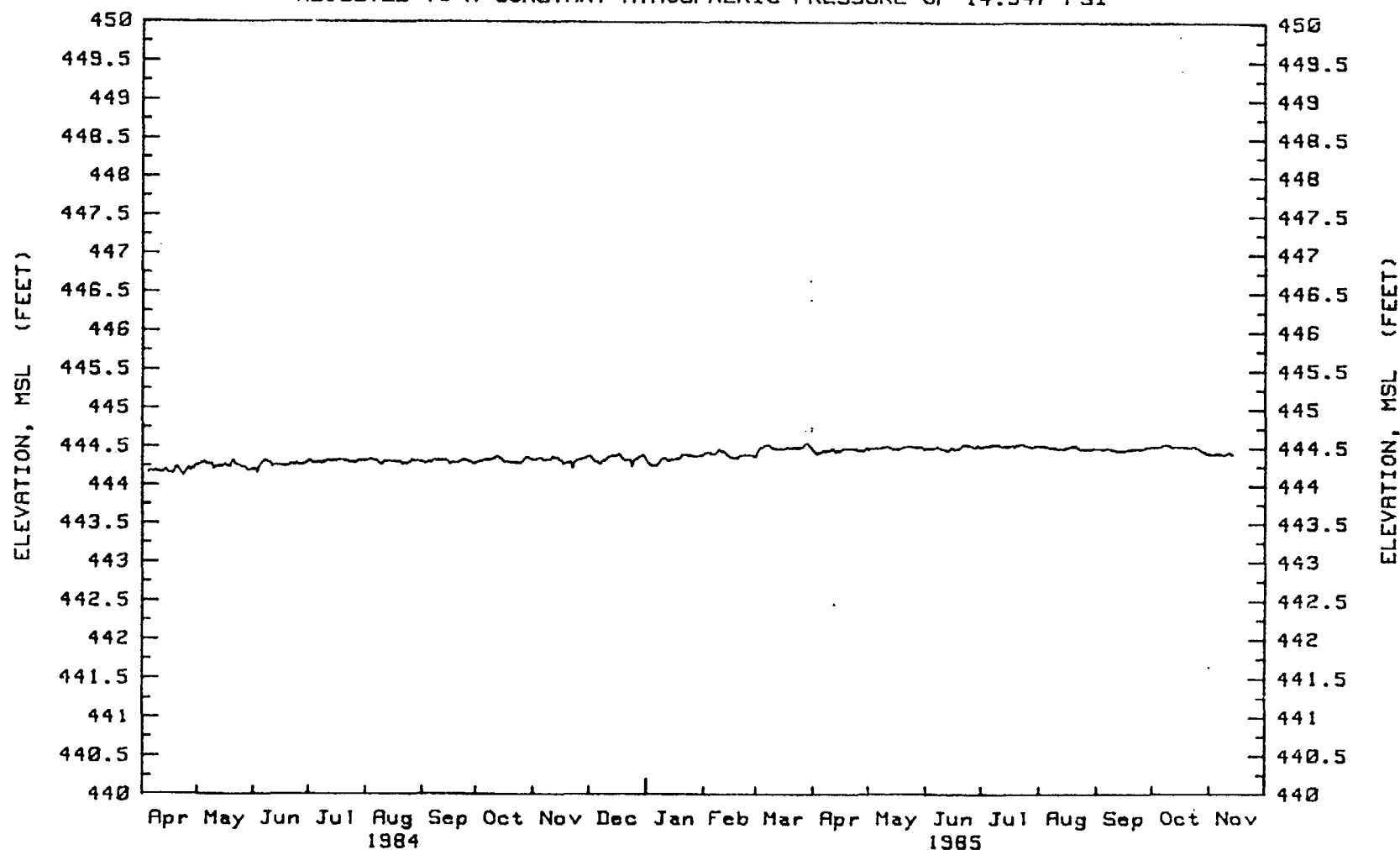
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MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: N20SM885

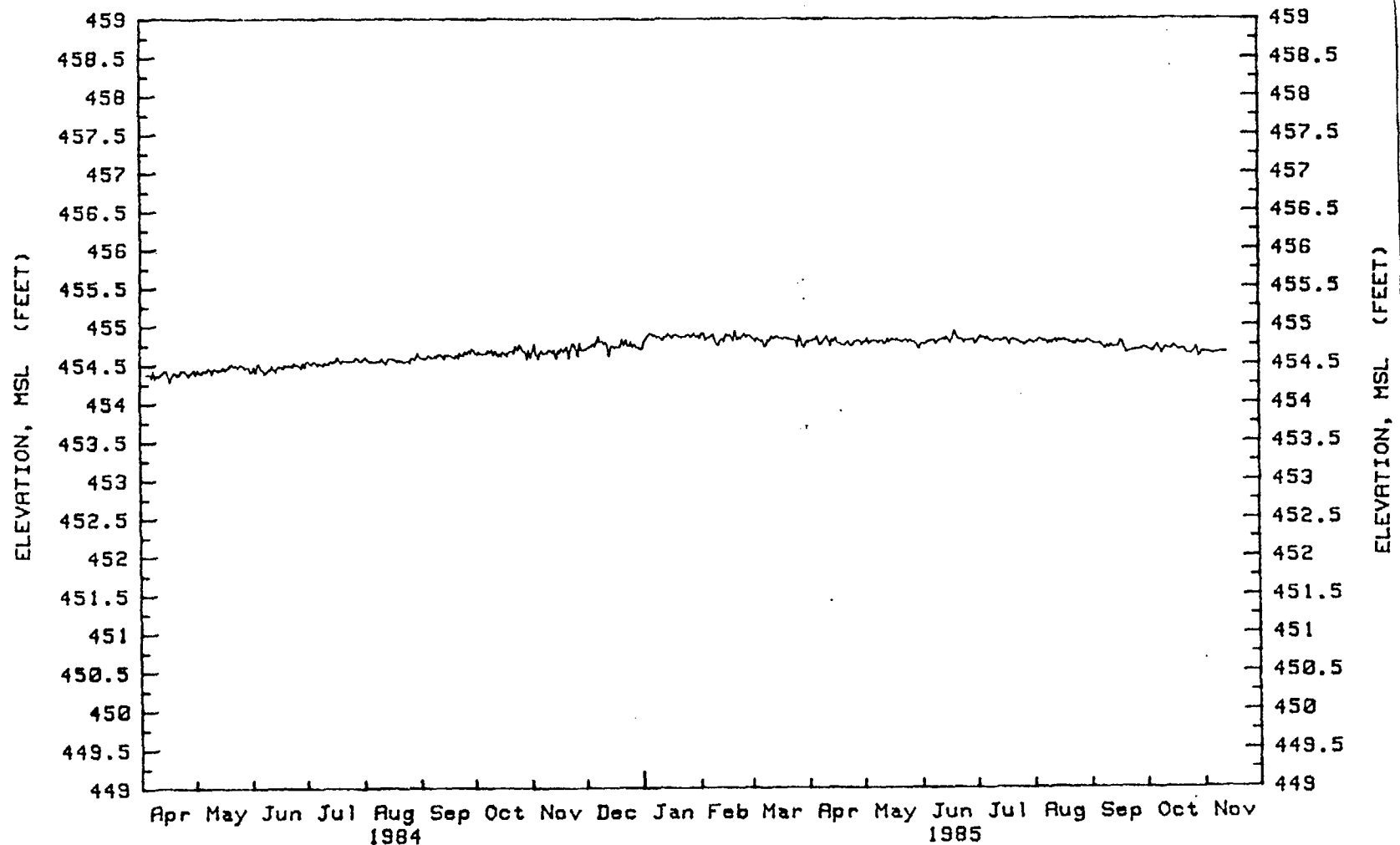
BOREHOLE: DC-20A HYDROGEOLOGIC UNIT: RATTLESNAKE RIDGE INTERBED
LOCATION: N 451,803 E 2,215,392 DATUM ELEVATION: MEAN SEA LEVEL

ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI



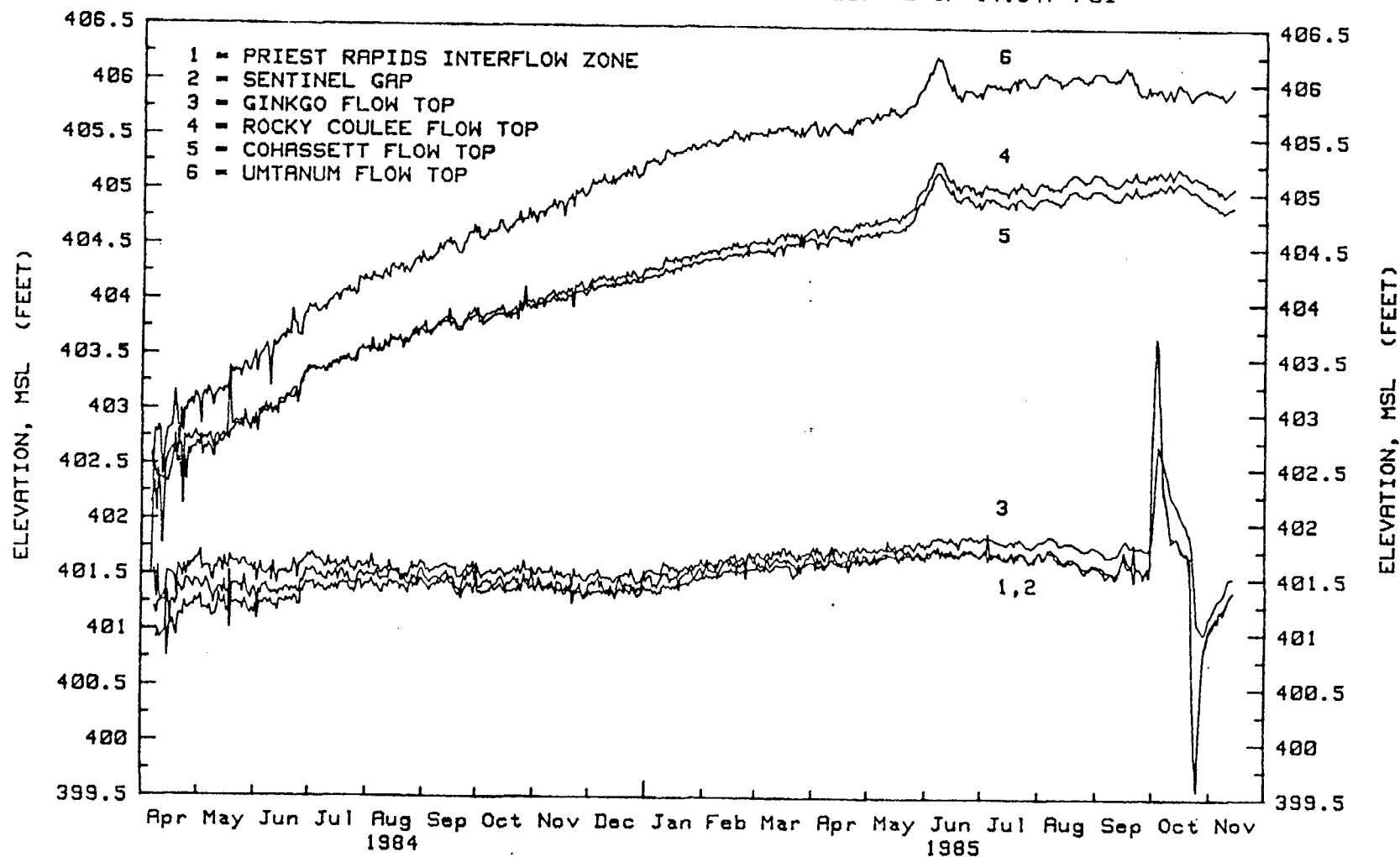
MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: N20SRR85

BOREHOLE: DC-20A HYDROGEOLOGIC UNIT: BASAL RINGOLD
LOCATION: N 451,803 E 2,215,392 DATUM ELEVATION: MEAN SEA LEVEL
ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI



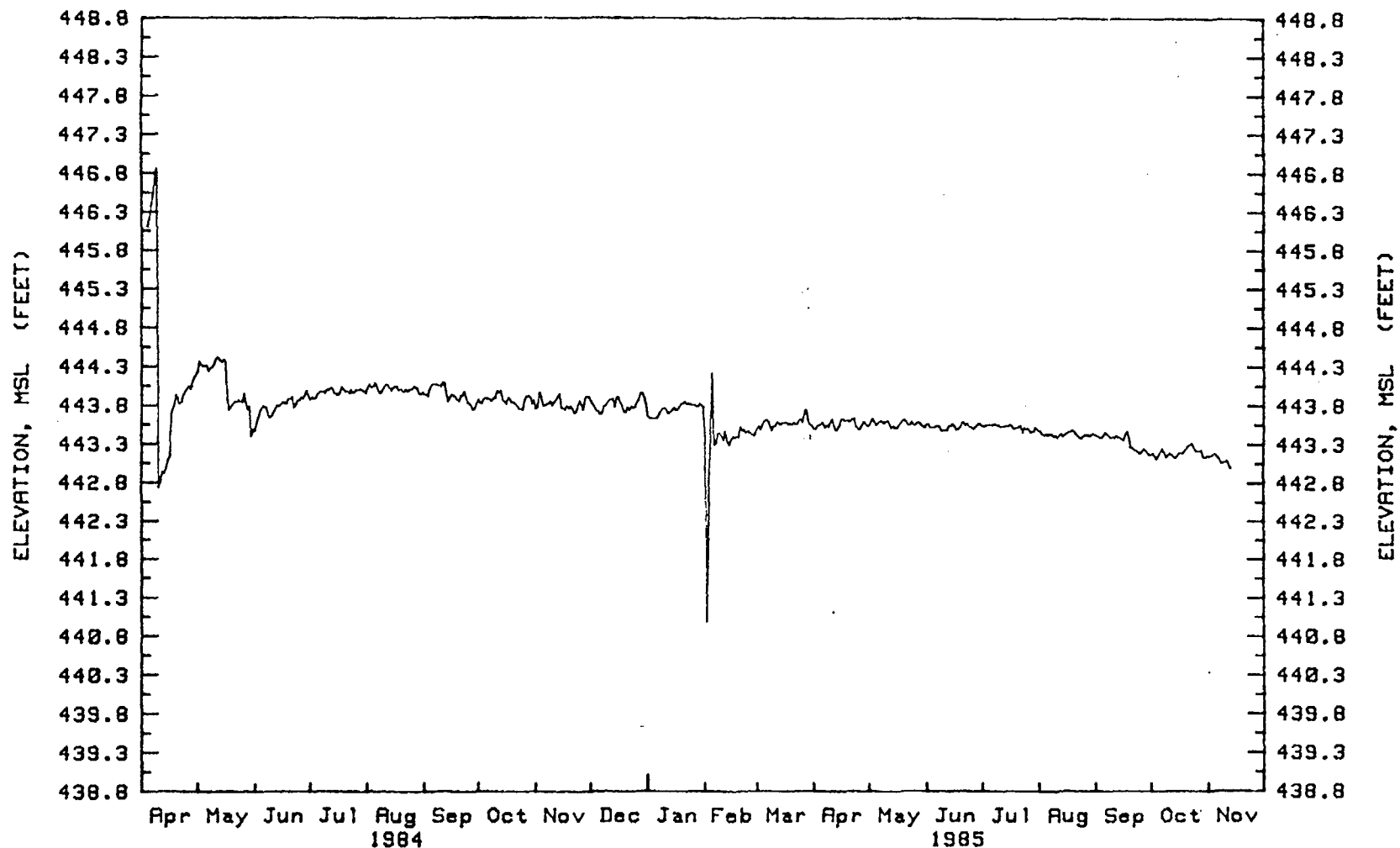
MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: N205BR85

BOREHOLE: DC-20C HYDROGEOLOGIC UNIT: GRANDE RONDE & WANAPUM
LOCATION: N 451,884 E 2,215,288 DATUM ELEVATION: MEAN SEA LEVEL
ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI



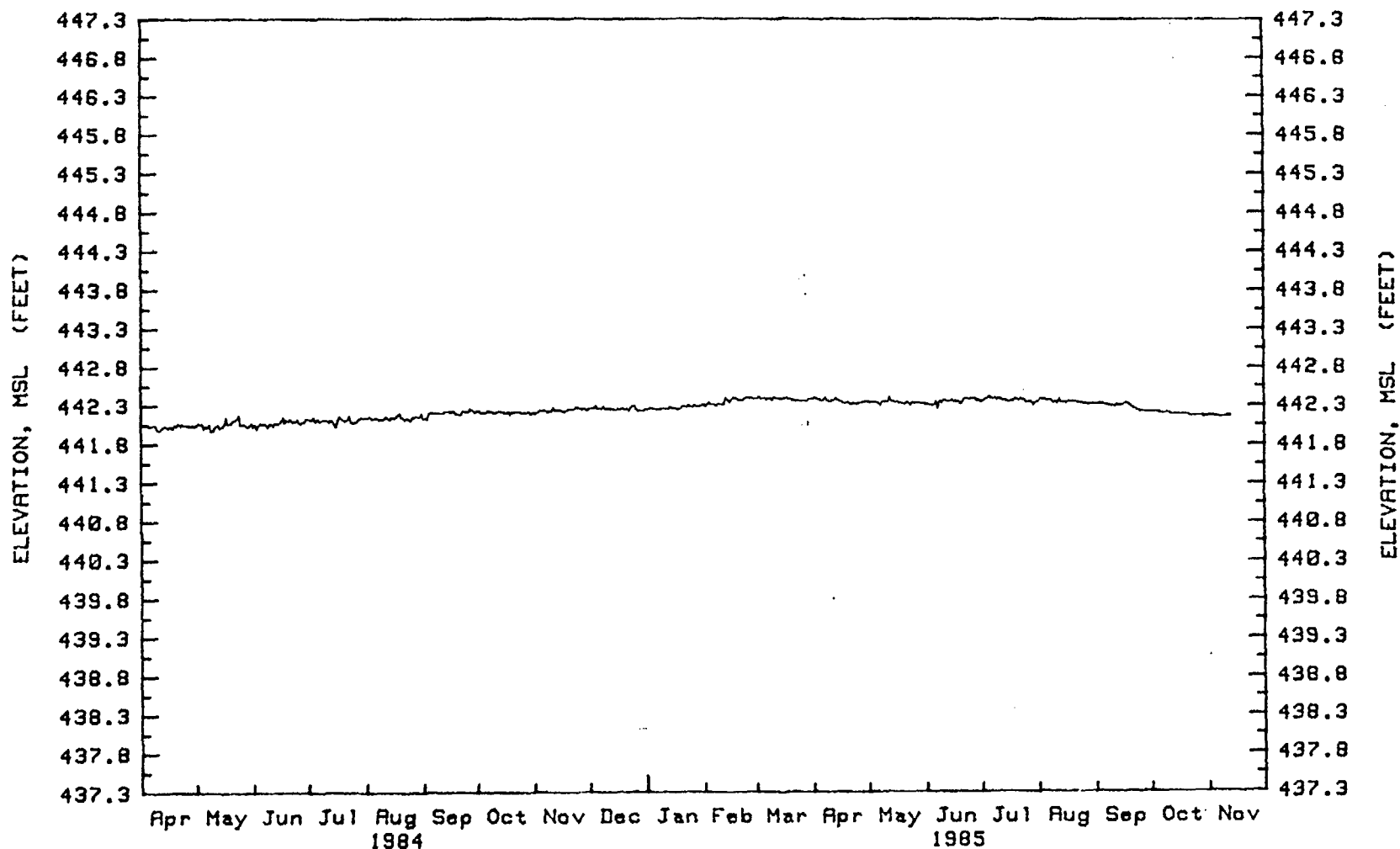
MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: N20WPR85

BOREHOLE: DC-22A HYDROGEOLOGIC UNIT: BASAL RINGOLD
LOCATION: N 448,437 E 2,204,438 DATUM ELEVATION: MEAN SEA LEVEL
ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI



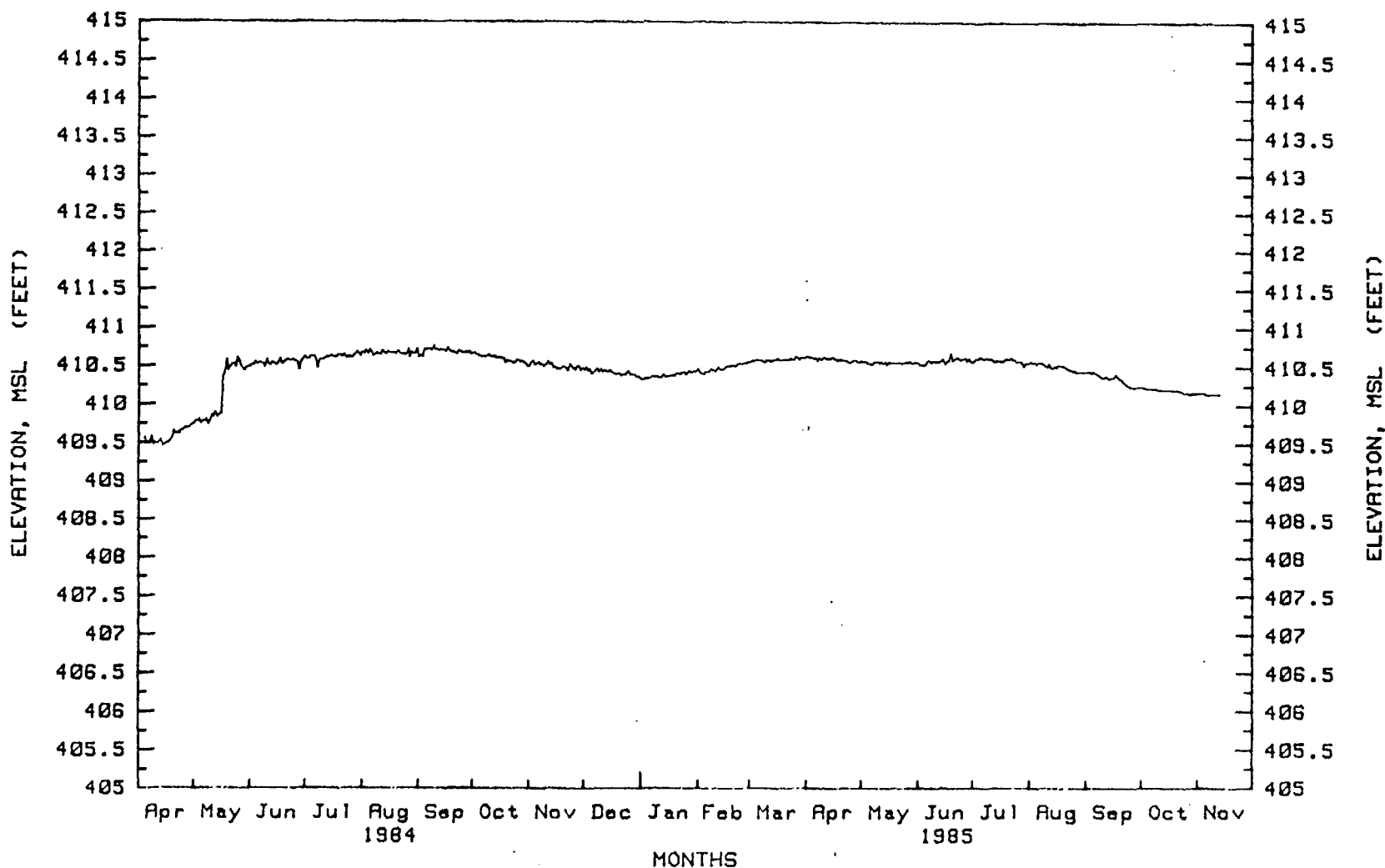
MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: N22SBR85

BOREHOLE: DC-22A HYDROGEOLOGIC UNIT: RATTLESNAKE RIDGE INTERBED
LOCATION: N 448,437 E 2,204,438 DATUM ELEVATION: MEAN SEA LEVEL
ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI



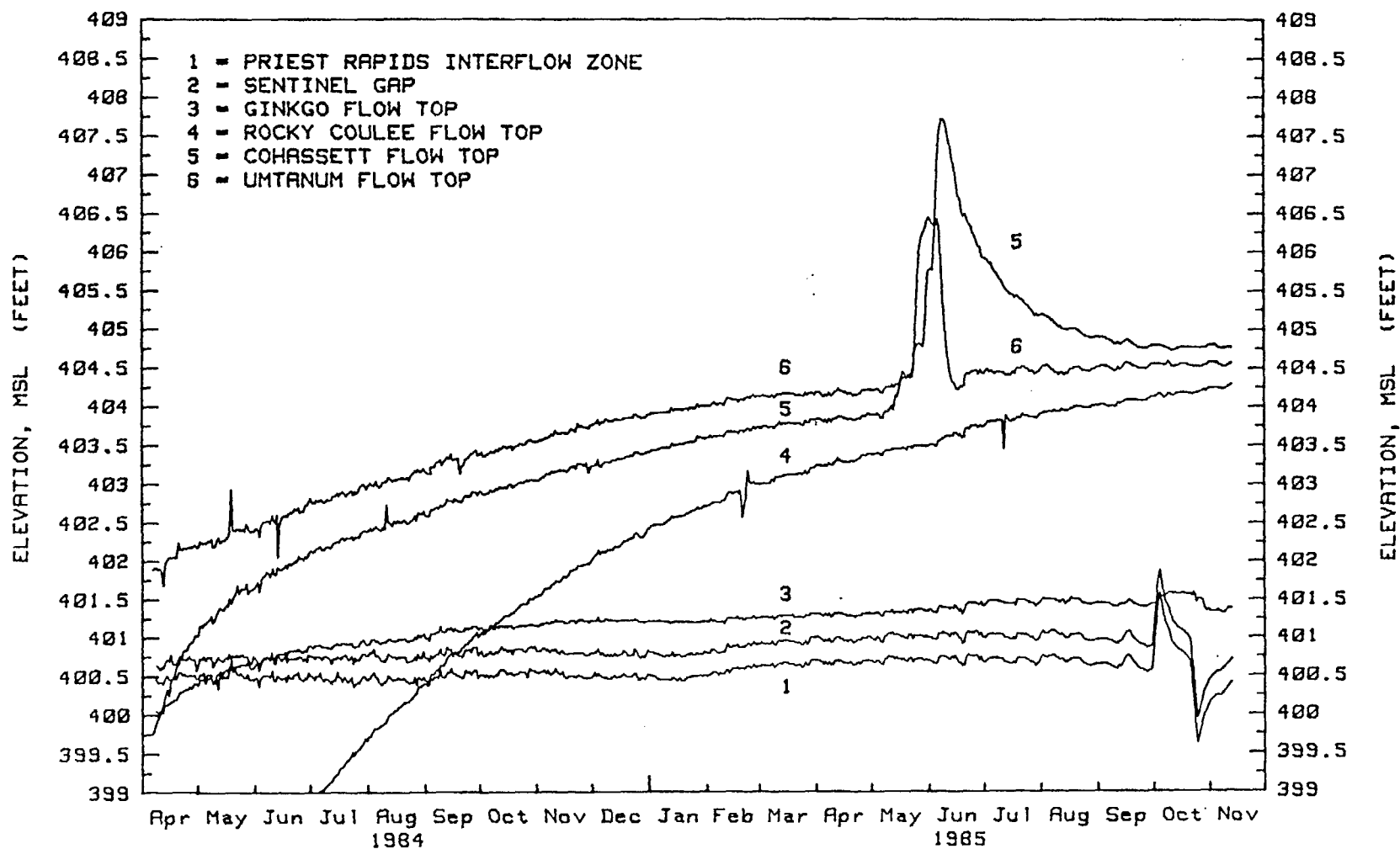
MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: N22SRR85

BOREHOLE: DC-22D HYDROGEOLOGIC UNIT: MABTON INTERBED
LOCATION: N 448,530 E 2,204,074 DATUM ELEVATION: MEAN SEA LEVEL
ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI



MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: N22SMB85

BOREHOLE: DC-22C HYDROGEOLOGIC UNIT: GRANDE RONDE & WANAPUM
LOCATION: N 448,600 E 2,204,188 DATUM ELEVATION: MEAN SEA LEVEL
ADJUSTED TO A CONSTANT ATMOSPHERIC PRESSURE OF 14.347 PSI



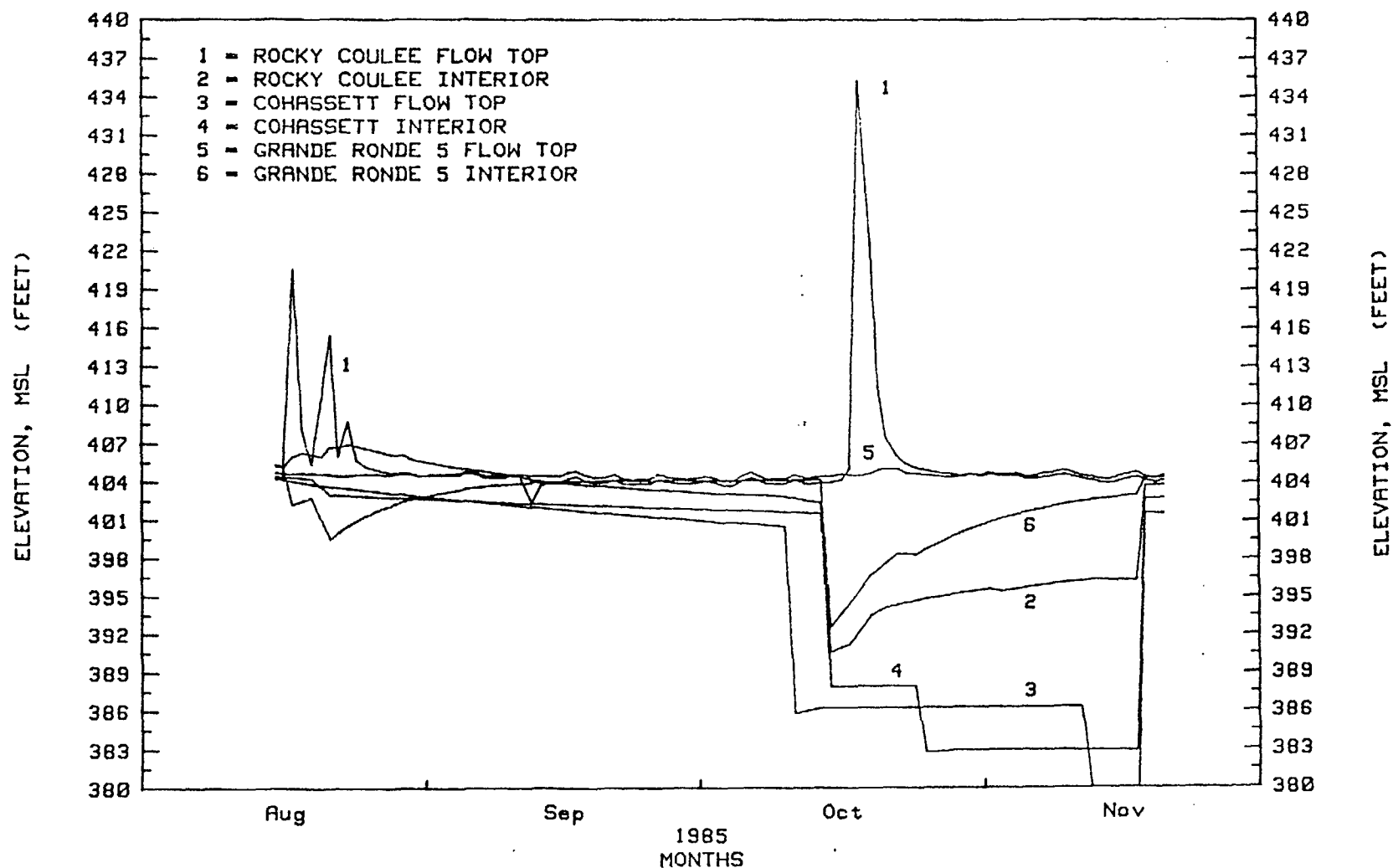
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: N22WPR85

BOREHOLE: RRL-2C HYDROGEOLOGIC UNIT: GRANDE RONDE

LOCATION: HANFORD SITE

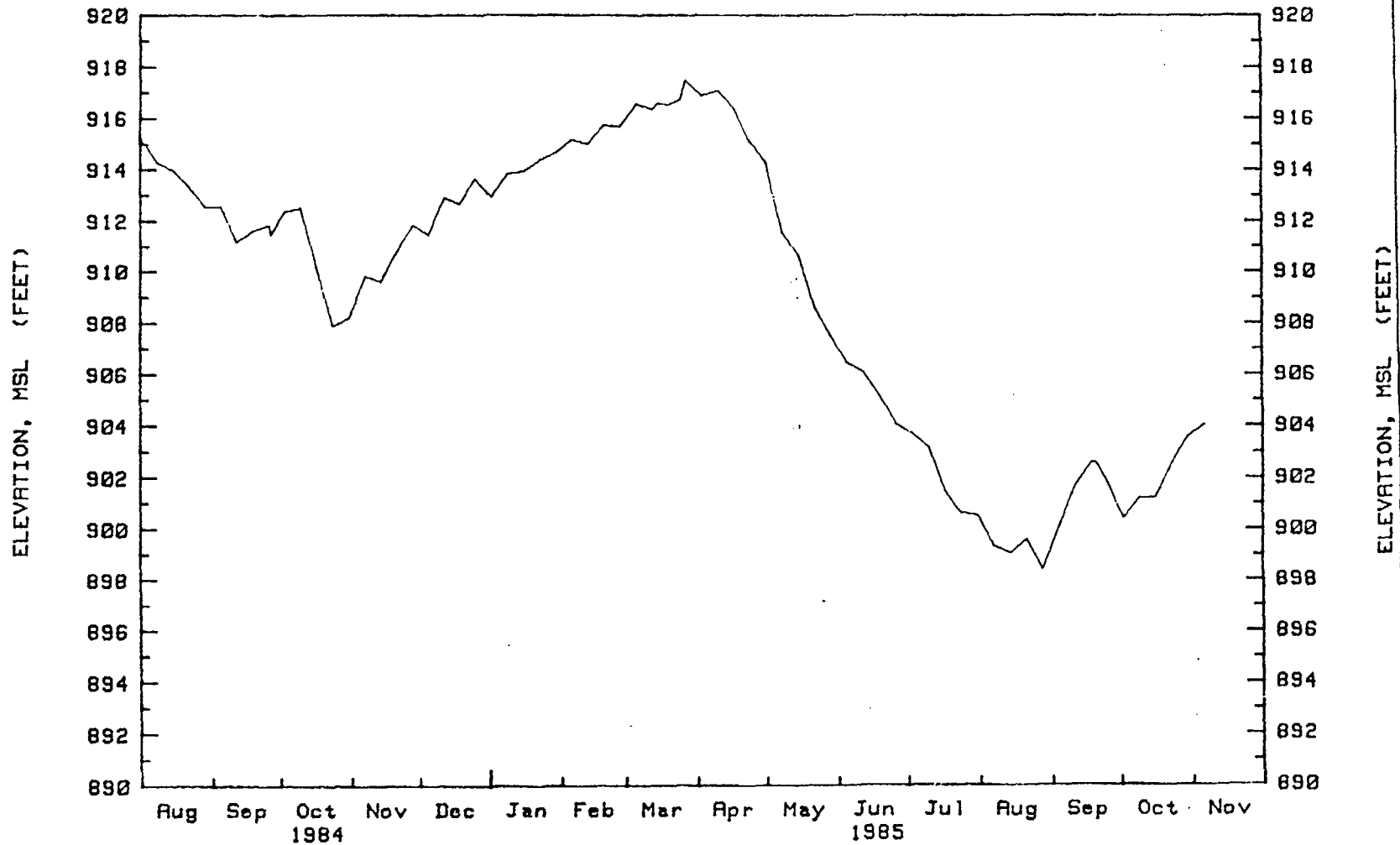
DATUM ELEVATION: MEAN SEA LEVEL

NOT ADJUSTED FOR ATMOSPHERIC EFFECTS



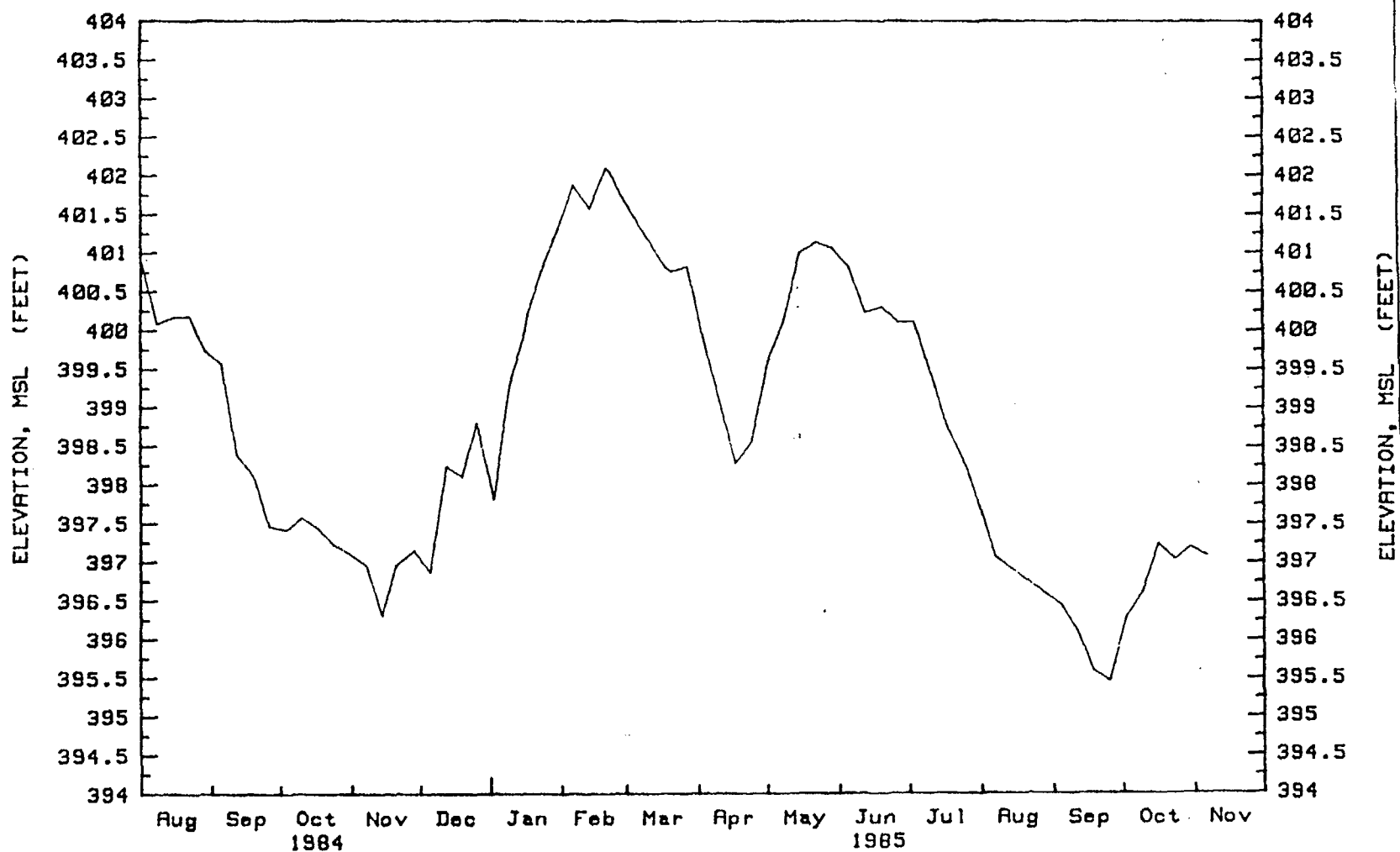
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: 02CGRI85

BOREHOLE: OBRIAN HYDROGEOLOGIC UNIT: PRIEST RAPIDS FLOW TOP
LOCATION: N 454,404 E 2,183,767 DATUM ELEVATION: MEAN SEA LEVEL
NOT ADJUSTED FOR ATMOSPHERIC EFFECTS



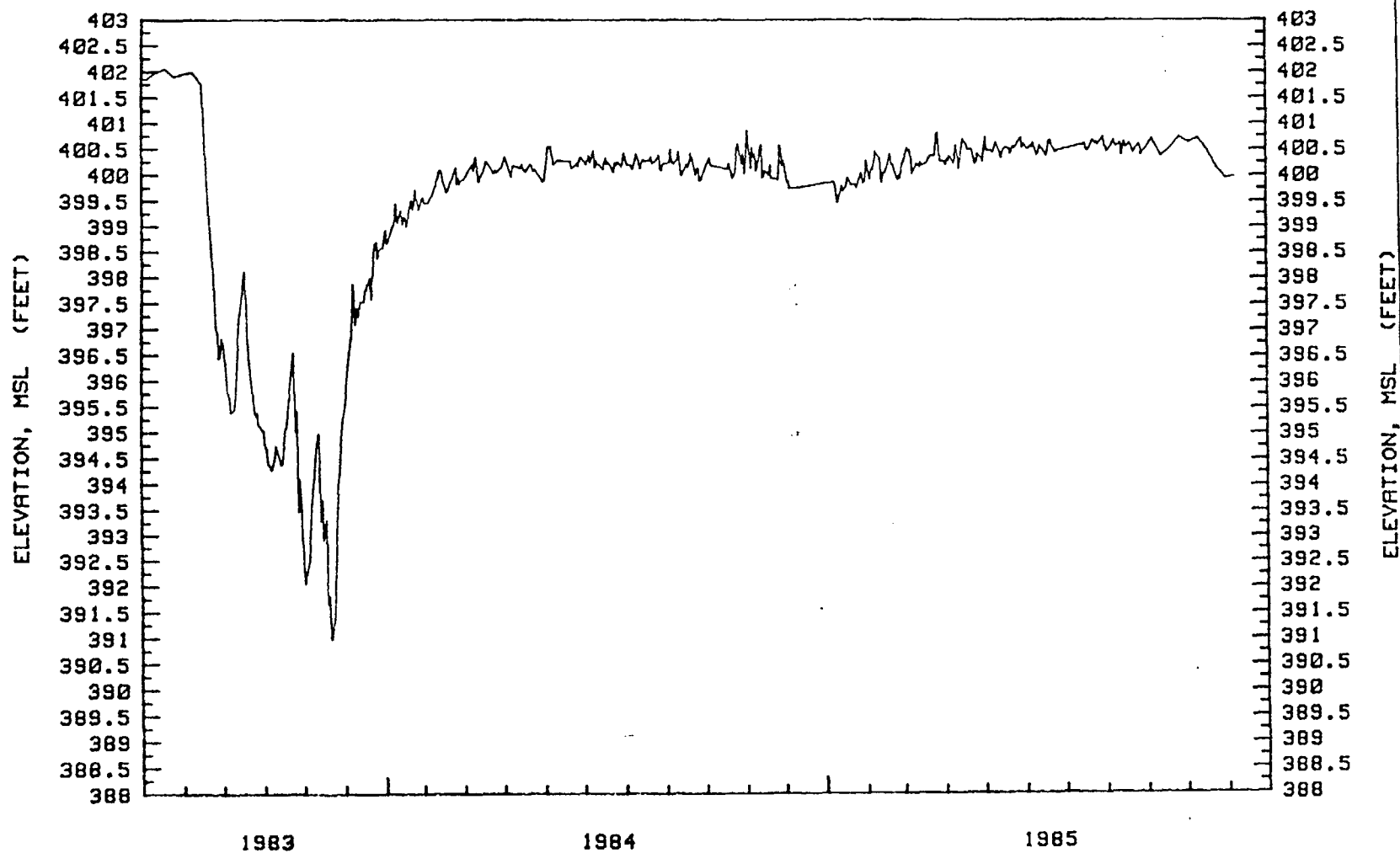
MONTHS
HYDROGRAPH PRODUCED BY
Program MHYDAT Rev 4.7 FILE: OBRIAN

BOREHOLE: DB-12 HYDROGEOLOGIC UNIT: PRIEST RAPIDS
LOCATION: N 468,066 E 2,200,145 DATUM ELEVATION: MEAN SEA LEVEL
NOT ADJUSTED FOR ATMOSPHERIC EFFECTS



MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: DB-12B

BOREHOLE: DB-14 HYDROGEOLOGIC UNIT: PRIEST RAPIDS
LOCATION: N 430,190 E 2,215,764 DATUM ELEVATION: MEAN SEA LEVEL
NOT ADJUSTED FOR ATMOSPHERIC EFFECTS

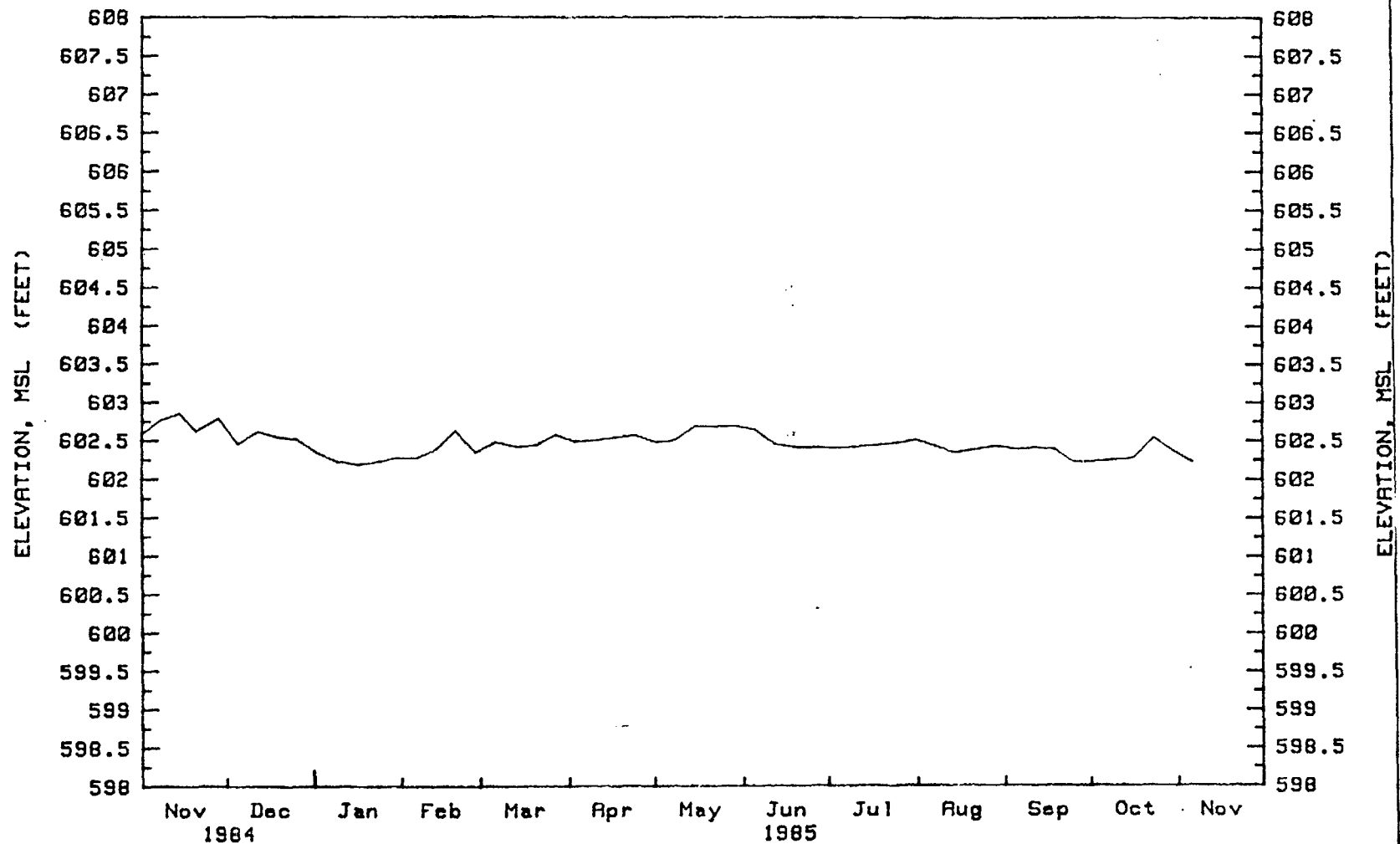


MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: DB-14

BOREHOLE: MCGEE INTERVAL HYDROGEOLOGIC UNIT: ROCKY COULEE FLOW TOP

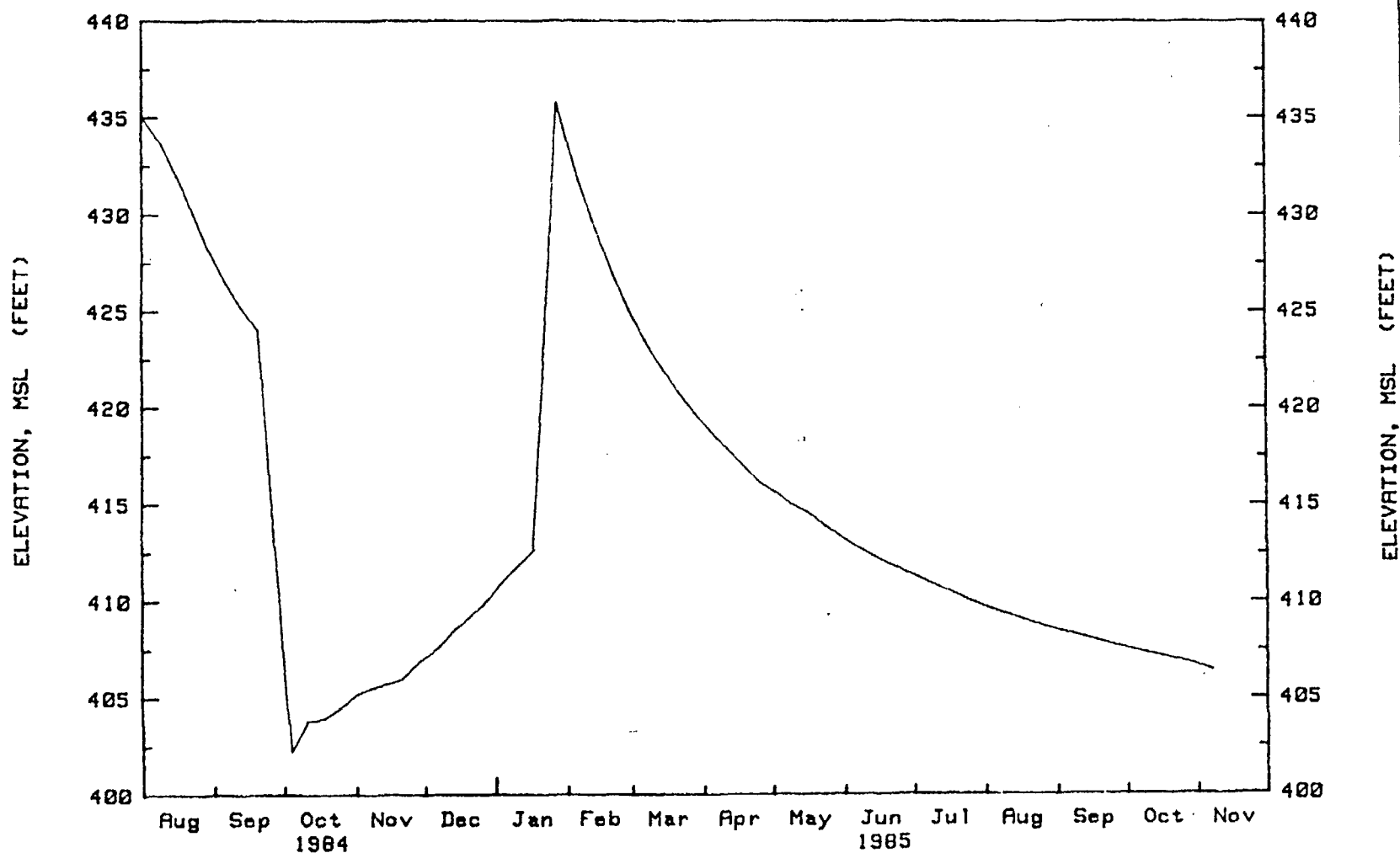
LOCATION: N 457,773 E 2,191,775 DATUM ELEVATION: MEAN SEA LEVEL

NOT ADJUSTED FOR ATMOSPHERIC EFFECTS



MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: MCGRC

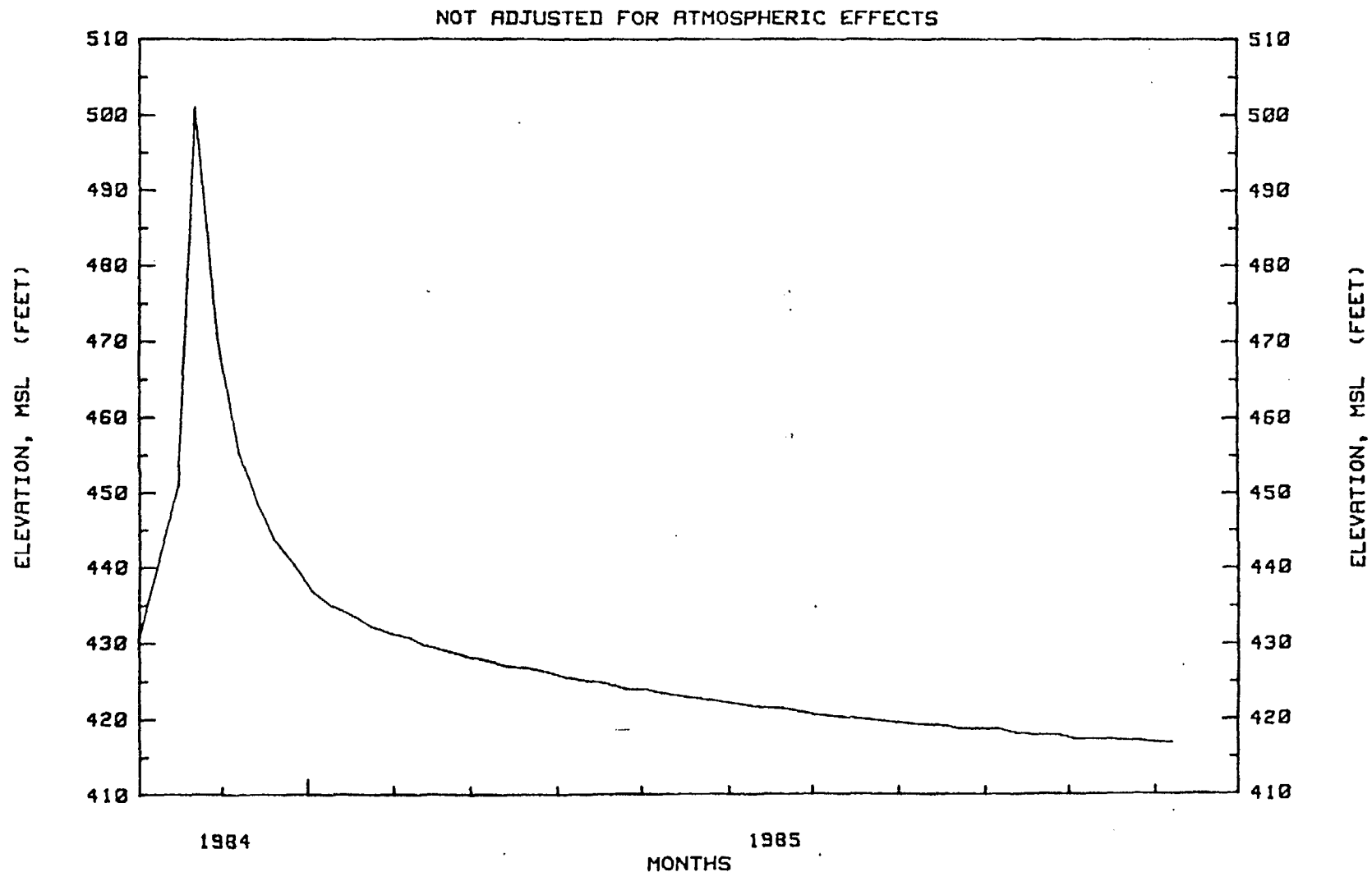
BOREHOLE: DC-16C HYDROGEOLOGIC UNIT: PRIEST RAPIDS FLOW TOP
LOCATION: N 436,377 E 2,211,009 DATUM ELEVATION: MEAN SEA LEVEL
NOT ADJUSTED FOR ATMOSPHERIC EFFECTS



MONTHS
HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: DC-16C

BOREHOLE: DC-4 HYDROGEOLOGIC UNIT: ROCKY COULEE

LOCATION: N 454,467 E 2,209,995 DATUM ELEVATION: MEAN SEA LEVEL



HYDROGRAPH PRODUCED BY
Program WHYDAT Rev 4.7 FILE: DC-4B