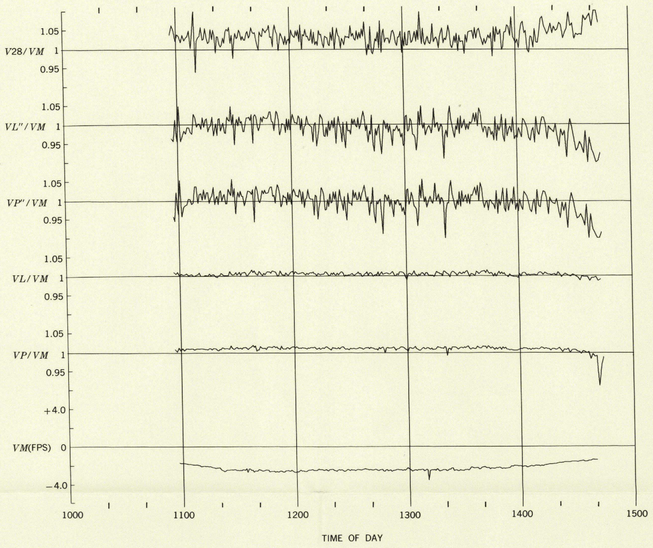
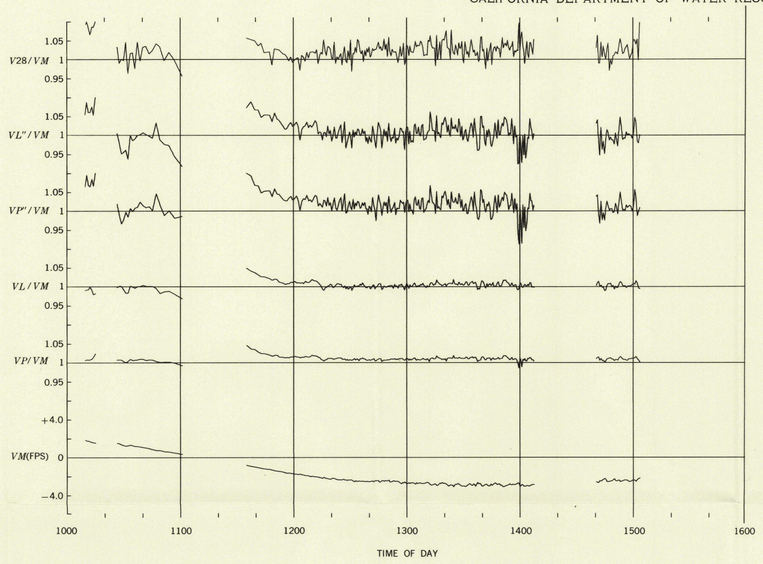
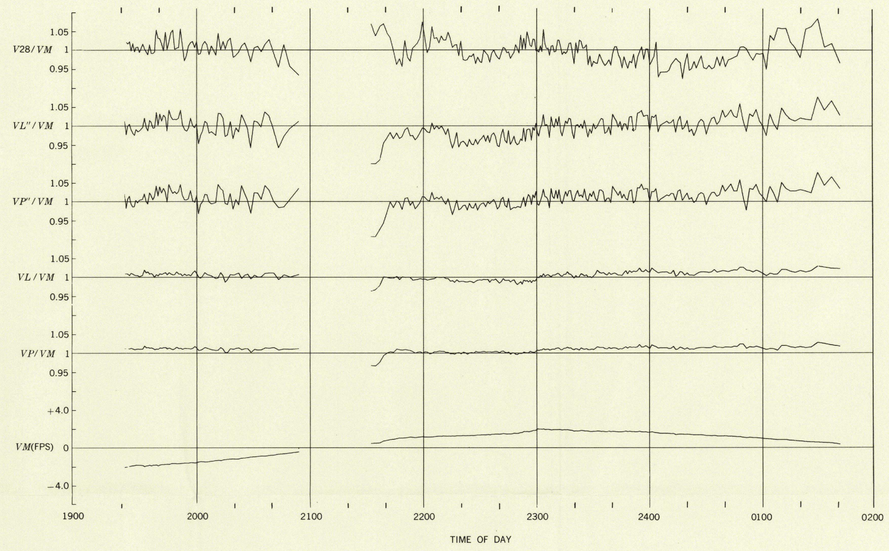
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

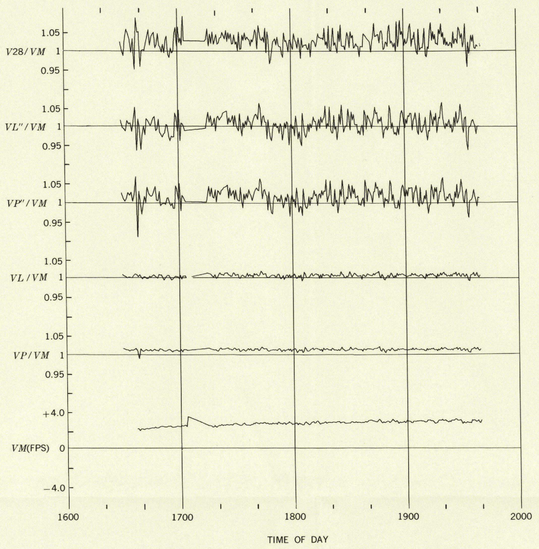
PREPARED IN COOPERATION WITH THE
CALIFORNIA DEPARTMENT OF WATER RESOURCES

WATER-SUPPLY PAPER 1869-G
PLATE 1

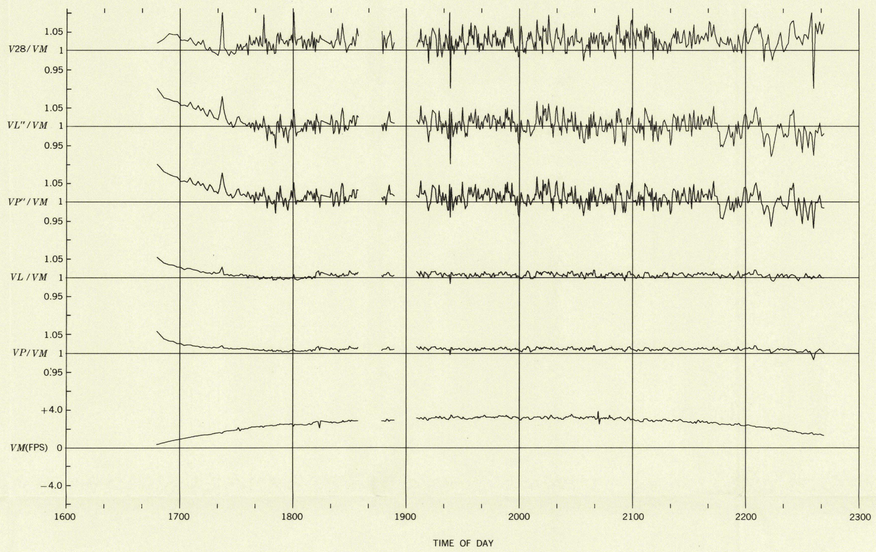




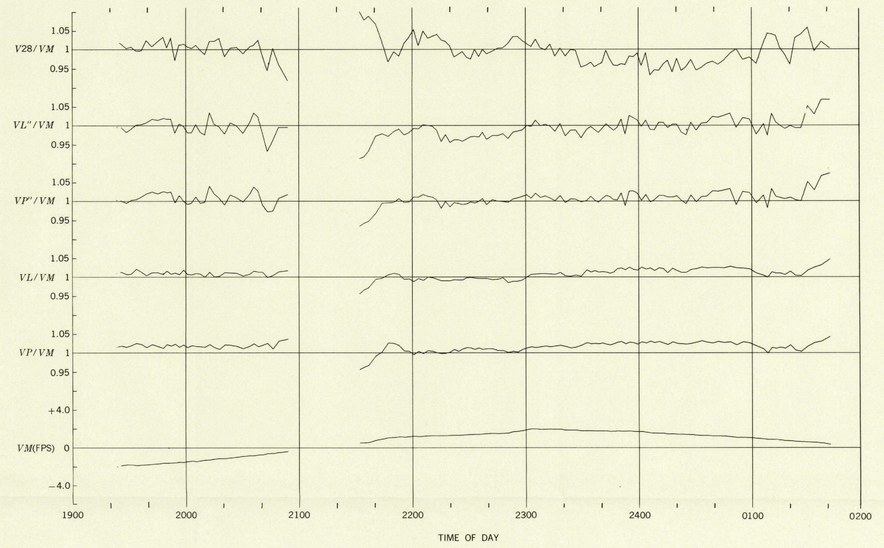




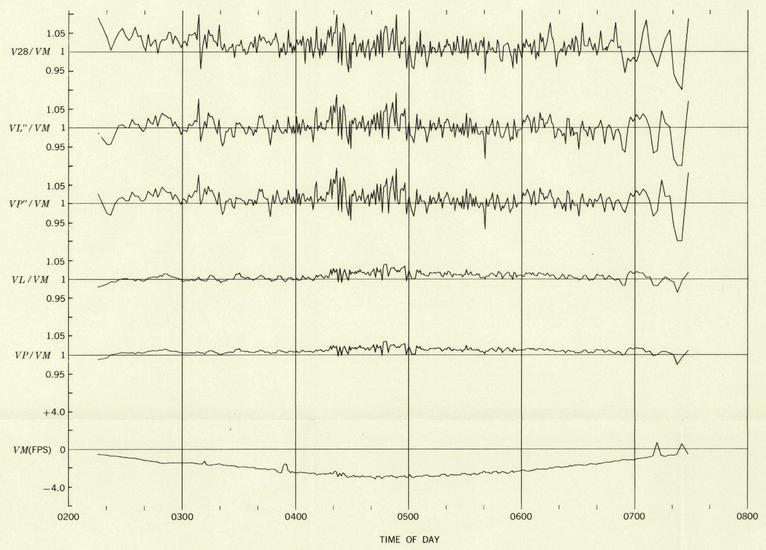
PLOT OF TIME-RELATED VARIATIONS IN VELOCITY-DISTRIBUTION RATIOS AT STATION 1 FOR PERIOD 1057 TO 1940 HOURS, MARCH 14, 1968

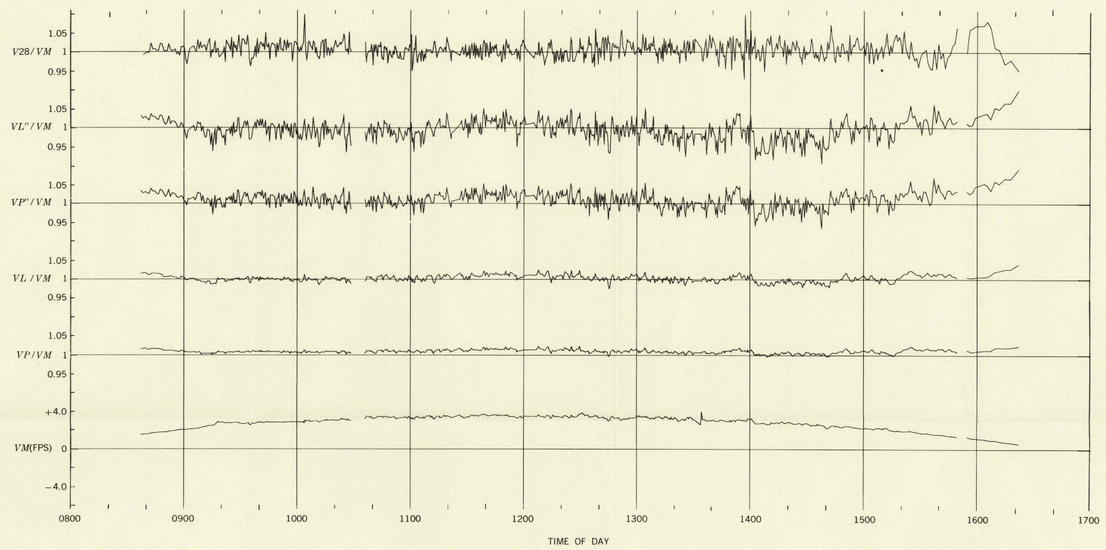


PLOT OF TIME-RELATED VARIATIONS IN VELOCITY-DISTRIBUTION RATIOS AT STATION 2 FOR PERIOD 1010 TO 2254 HOURS, MARCH 15, 1968



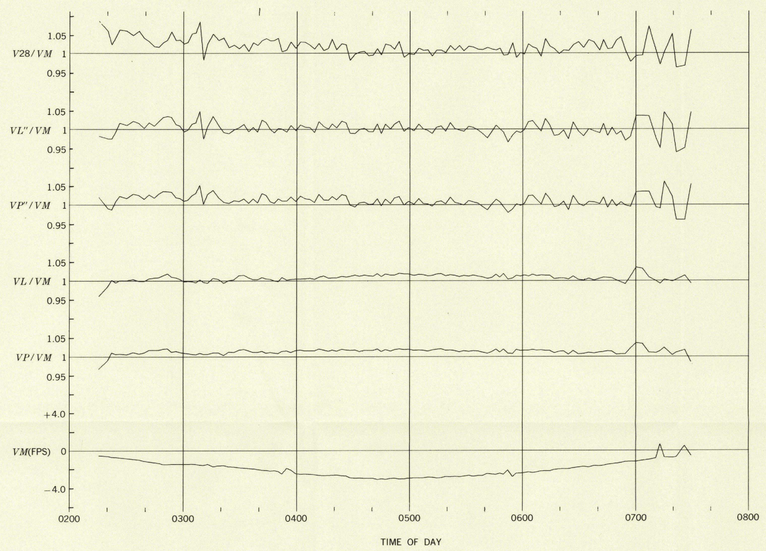
PLOT OF TIME-RELATED VARIATIONS IN VELOCITY-DISTRIBUTION RATIOS AT STATION 3 FOR PERIOD 1923 HOURS, MARCH 19, TO 0140 HOURS, MARCH 20, 1968. UPPER PLOT IS BASED ON VELOCITY OBSERVATIONS MADE AT ABOUT 30-SECOND INTERVALS. LOWER PLOT IS BASED ON AVERAGES OVER A PERIOD OF 2 MINUTES OR MORE





EXPLANATION

$V28$	Mean velocity computed as the average of velocities observed at points 0.2 and 0.8 of the depth below water surface
VL	Mean velocity computed by least-squares fit of velocity observations at 9 points in the vertical to the logarithmic-distribution function
VL''	Mean velocity computed by least-squares fit of velocity observations at points 0.2, 0.4, 0.6, and 0.8 of the depth below water surface to the logarithmic-distribution function
VM	Mean velocity computed from the weighted arithmetic average of velocity observations at 9 points in the vertical
VP	Mean velocity computed by least-squares fit of velocity observations at 9 points in the vertical to the power-law function
VP''	Mean velocity computed by least-squares fit of velocity observations at points 0.2, 0.4, 0.6, and 0.8 of the depth below water surface to the power-law function
FPS	Feet per second



PLOT OF TIME-RELATED VARIATIONS IN VELOCITY-DISTRIBUTION RATIOS AT STATION 3 FOR PERIOD 0215 TO 0728 HOURS, MARCH 20, 1968. UPPER PLOT IS BASED ON VELOCITY OBSERVATIONS MADE AT ABOUT 30-SECOND INTERVALS. LOWER PLOT IS BASED ON AVERAGES OVER A PERIOD OF 2 MINUTES OR MORE

PLOT OF TIME-RELATED VARIATIONS IN VELOCITY-DISTRIBUTION RATIOS AT STATION 3 FOR PERIOD 0839 TO 1628 HOURS, MARCH 20, 1968. UPPER PLOT IS BASED ON VELOCITY OBSERVATIONS MADE AT ABOUT 30-SECOND INTERVALS. LOWER PLOT IS BASED ON AVERAGES OVER A PERIOD OF 2 MINUTES OR MORE

PLOT OF TIME-RELATED VARIATIONS IN VELOCITY-DISTRIBUTION RATIOS, SACRAMENTO RIVER, CALIFORNIA

433-053 O - 71 (In pocket)