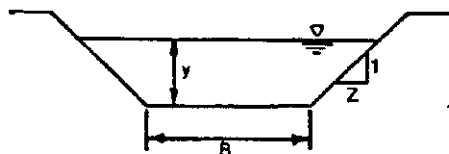
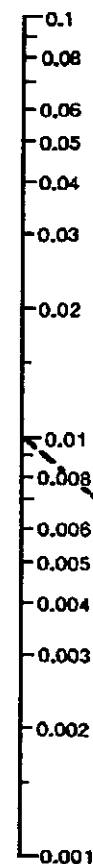


NOTE: Project horizontally from  $Z = 0$  scale to obtain values for  $Z = 1$  to 6.

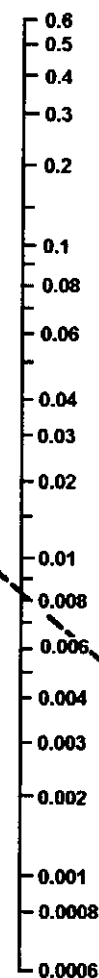


TURNING  
LINE

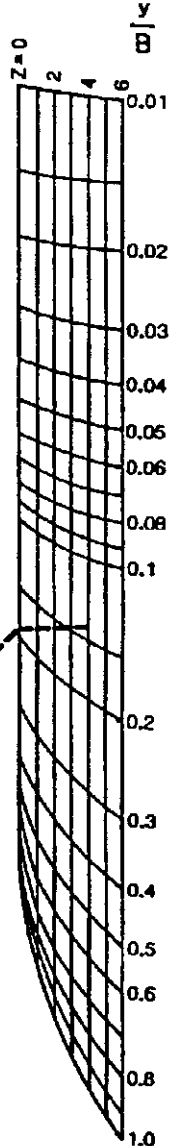
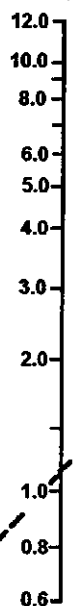
$S$   
(m/m)



$Qn$   
(m<sup>3</sup>/s)



$B$   
(m)



EXAMPLE:

GIVEN:

$S = 0.01$   
 $Q = 0.28 \text{ m}^3/\text{s}$   
 $n = 0.03$   
 $B = 1.22 \text{ m}$   
 $Z = 4$

FIND:

$y$

SOLUTION:

$Qn = 0.0084$   
 $y/B = 0.14$   
 $y = 0.14(1.22) = 0.18 \text{ m}$

NOMOGRAPH FOR NORMAL DEPTH

Figure 30-5C