

RIVER VELOCITIES AT SIMMESPORT, LA.

Related to the Simmesport Gage

Based on observations from 1972-1973 at the Simmesport discharge range.

GAGE HEIGHT IN FEET NGVD* (75 ADJ)	VELOCITY							
	MEAN				MAXIMUM			
	AT 60% DEPTH		AT SURFACE		AT 60% DEPTH		AT SURFACE	
	FT/SEC	MI/HR	FT/SEC	MI/HR	FT/SEC	MI/HR	FT/SEC	MI/HR
0	2.3	1.6	2.6	1.8	2.8	1.9	2.9	2.0
2	2.4	1.7	2.8	1.9	3.0	2.0	3.4	2.3
4	2.6	1.7	2.9	2.0	3.1	2.1	3.5	2.4
6	2.7	1.8	3.1	2.1	3.3	2.2	3.8	2.6
8	2.8	1.9	3.2	2.2	3.5	2.4	4.0	2.7
10	2.9	2.0	3.2	2.2	3.6	2.5	4.1	2.8
12	3.0	2.1	3.5	2.4	3.8	2.6	4.4	3.0
14	3.1	2.1	3.8	2.6	4.0	2.7	4.5	3.1
16	3.3	2.2	3.8	2.6	4.1	2.8	4.7	3.2
18	3.4	2.3	3.8	2.6	4.3	2.9	5.0	3.4
20	3.5	2.4	4.0	2.7	4.5	3.1	5.1	3.5
22	3.7	2.5	4.1	2.8	4.7	3.2	5.3	3.6
24	3.8	2.6	4.4	3.0	4.8	3.3	5.6	3.8
26	4.0	2.7	4.5	3.1	5.0	3.4	5.7	3.9
28	4.2	2.9	4.8	3.3	5.2	3.6	6.0	4.1
30	4.4	3.0	5.0	3.4	5.4	3.7	6.2	4.2
32	4.5	3.1	5.1	3.5	5.6	3.8	6.5	4.4
34	4.7	3.2	5.4	3.7	5.9	4.0	6.7	4.6
36	4.9	3.3	5.6	3.8	6.2	4.2	7.0	4.8
38	5.1	3.5	5.9	4.0	6.4	4.4	7.3	5.0
40	5.3	3.6	6.0	4.1	6.7	4.6	7.6	5.2
42	5.5	3.7	6.3	4.3	7.0	4.7	7.9	5.4
44	5.7	3.9	6.5	4.4	7.2	4.9	8.2	5.6
46	5.9	4.0	6.7	4.6	7.4	5.1	8.5	5.8
48	6.1	4.2	7.0	4.8	7.8	5.3	8.9	6.1
50	6.4	4.3	7.3	5.0	8.1	5.5	9.2	6.3

* - NATIONAL GEODETIC VERTICAL DATUM (1975 ADJUSTMENT)

MILES PER HOUR = 0.682 X FT/SEC
 KNOTS PER HOUR = 0.592 X FT/SEC

MILES PER HOUR = 1.152 X KNOTS
 KNOTS PER HOUR = 0.868 X MI/HR