

Reach 1 - Grand Rapids to Aitkin

High Flow Conditions

Mississippi River High Flow Surface Current Travel Times in Days, Hours, and Minutes (DD:HH:MM)

Grand Rapids USGS Gage 05211000 to USGS Gage 05227500 at Aitkin, MN

For flow rates which are exceeded 10-percent of the time based on the period of record.

Mile																									
1183.8	Pokegama Dam Tailwater and Gaging Station																								
1182.5	0:00:29	Grand Rapids County Highway Bridge																							
1180.5	0:01:28	0:00:59	Blandin Dam at Grand Rapids																						
1179.8	0:01:49	0:01:19	0:00:20	7th Ave SE Bridge at Grand Rapids																					
1177.5	0:02:50	0:02:21	0:01:22	0:01:01	Confluence with the Prairie River																				
1171.7	0:05:26	0:04:56	0:03:57	0:03:37	0:02:35	Local Road Bridge Near Blackberry																			
1162.5	0:09:33	0:09:03	0:08:04	0:07:44	0:06:42	0:04:06	Confluence of Cow Horn Creek																		
1152.2	0:14:09	0:13:39	0:12:40	0:12:20	0:11:18	0:08:42	0:04:35	Confluence of Split Hand Creek																	
1144.0	0:17:48	0:17:18	0:16:19	0:15:59	0:14:57	0:12:22	0:08:15	0:03:39	Upstream End of Aitkin-Itasca County Line																
1140.6	0:19:19	0:18:49	0:17:50	0:17:30	0:16:28	0:13:52	0:09:46	0:05:10	0:01:30	Downstream End of Aitkin-Itasca County Line															
1137.5	0:20:42	0:20:12	0:19:13	0:18:53	0:17:51	0:15:15	0:11:09	0:06:33	0:02:53	0:01:22	Jacobson State Highway Bridge														
1131.6	0:23:20	0:22:50	0:21:51	0:21:31	0:20:29	0:17:53	0:13:46	0:09:10	0:05:31	0:04:00	0:02:37	Confluence of Ball Bluff Brook													
1122.9	1:03:12	1:02:42	1:01:43	1:01:23	1:00:21	0:21:45	0:17:38	0:13:02	0:09:23	0:07:52	0:06:29	0:03:52	Confluence of Pokegama Creek												
1105.6	1:10:52	1:10:22	1:09:23	1:09:03	1:08:01	1:05:25	1:01:18	0:20:42	0:17:03	0:15:32	0:14:09	0:11:32	0:07:40	USGS Gage 05218500 near Libby, MN											
1086.5	1:20:48	1:20:19	1:19:20	1:18:59	1:17:58	1:15:22	1:11:15	1:06:39	1:03:00	1:01:29	1:00:06	0:21:28	0:17:36	0:09:56	Soo Line Railroad Bridge at Palisade, MN										
1081.0	1:23:50	1:23:20	1:22:21	1:22:00	1:20:59	1:18:23	1:14:16	1:09:40	1:06:01	1:04:30	1:03:07	1:00:29	0:20:37	0:12:57	0:03:01	Confluence of Maydole Logan									
1079.2	2:00:50	2:00:20	1:23:21	1:23:01	1:21:59	1:19:23	1:15:16	1:10:40	1:07:01	1:05:30	1:04:07	1:01:30	0:21:38	0:13:58	0:04:01	0:01:00	Confluence of Clark Logan								
1077.5	2:01:48	2:01:18	2:00:19	1:23:59	1:22:57	1:20:21	1:16:14	1:11:38	1:07:59	1:06:28	1:05:05	1:02:28	0:22:36	0:14:55	0:04:59	0:01:58	0:00:57	Confluence of Willow River and White Elk Creek							
1073.7	2:04:02	2:03:33	2:02:34	2:02:13	2:01:11	1:22:36	1:18:29	1:13:53	1:10:14	1:08:43	1:07:20	1:04:42	1:00:50	0:17:10	0:07:13	0:04:12	0:03:12	0:02:14	US Highway 169 Bridge						
1072.8	2:04:35	2:04:05	2:03:06	2:02:46	2:01:44	1:23:08	1:19:01	1:14:25	1:10:46	1:09:15	1:07:52	1:05:15	1:01:22	0:17:42	0:07:46	0:04:45	0:03:44	0:02:46	0:00:32	Fish Hatchery Outlet Channel					
1065.7	2:09:09	2:08:39	2:07:40	2:07:20	2:06:18	2:03:42	1:23:35	1:19:00	1:15:20	1:13:49	1:12:26	1:09:49	1:05:57	0:22:17	0:12:20	0:09:19	0:08:19	0:07:21	0:05:06	0:04:34	Confluence of Rice River				
1064.0	2:10:16	2:09:46	2:08:47	2:08:27	2:07:25	2:04:49	2:00:42	1:20:07	1:16:27	1:14:56	1:13:33	1:10:56	1:07:04	0:23:24	0:13:27	0:10:26	0:09:26	0:08:28	0:06:13	0:05:41	0:01:06	Aitkin Diversion Inlet			
1057.5	2:14:53	2:14:23	2:13:24	2:13:04	2:12:02	2:09:26	2:05:19	2:00:43	1:21:04	1:19:33	1:18:10	1:15:33	1:11:41	1:04:01	0:18:04	0:15:03	0:14:03	0:13:05	0:10:50	0:10:18	0:05:43	0:04:36	Sisabagamah Ck		
1056.7	2:15:27	2:14:58	2:13:58	2:13:38	2:12:36	2:10:01	2:05:54	2:01:18	1:21:39	1:20:08	1:18:45	1:16:07	1:12:15	1:04:35	0:18:38	0:15:37	0:14:37	0:13:39	0:11:24	0:10:52	0:06:18	0:05:11	0:00:34	Ripple R	
1055.9	2:16:02	2:15:32	2:14:33	2:14:13	2:13:11	2:10:35	2:06:29	2:01:53	1:22:13	1:20:42	1:19:20	1:16:42	1:12:50	1:05:10	0:19:13	0:16:12	0:15:12	0:14:14	0:11:59	0:11:27	0:06:53	0:05:46	0:01:09	0:00:34	Gage
Mile	1183.8	1182.5	1180.5	1179.8	1177.5	1171.7	1162.5	1152.2	1144.0	1140.6	1137.5	1131.6	1122.9	1105.6	1086.5	1081.0	1079.2	1077.5	1073.7	1072.8	1065.7	1064.0	1057.5	1056.7	1055.9