



TURBIDITY CONVERSION (NTU / mm)

NTU is a globally accepted method of measuring the clarity of water. The device is accepted by the EPA and other organizations. IDFB approved the use of the NTU machine as a potential replacement to the visual measuring system that uses a glass tube.

The measurement theory is different in the two systems, but similar conclusions can be made.

The following is an approximate conversion table from NTU to mm. This table was created with a curve of results for 4,000 samples. Double tests were completed in 2,000 samples for both the NTU and the mm glass tube system.

For a given NTU value, a wide range of mm results were found. The reason for the wide range is both the different measuring system and the problems of a subjective, visual test method.

If NTU is 1.9 or less then mm= 1000+

If NTU is 20.0 or more then mm = 100 or less

NTU	mm	NTU	mm	NTU	mm	NTU	mm	NTU	mm	NTU	mm
2.0	997	5.0	684	8.0	470	11.0	322	14.0	221	17.0	152
2.1	985	5.1	676	8.1	464	11.1	318	14.1	218	17.1	150
2.2	972	5.2	667	8.2	458	11.2	314	14.2	216	17.2	148
2.3	960	5.3	659	8.3	452	11.3	310	14.3	213	17.3	146
2.4	948	5.4	651	8.4	447	11.4	306	14.4	210	17.4	144
2.5	936	5.5	643	8.5	441	11.5	303	14.5	208	17.5	143
2.6	925	5.6	635	8.6	436	11.6	299	14.6	205	17.6	141
2.7	913	5.7	627	8.7	430	11.7	295	14.7	203	17.7	139
2.8	902	5.8	619	8.8	425	11.8	291	14.8	200	17.8	137
2.9	891	5.9	611	8.9	419	11.9	288	14.9	198	17.9	136
3.0	880	6.0	604	9.0	414	12.0	284	15.0	195	18.0	134
3.1	869	6.1	596	9.1	409	12.1	281	15.1	193	18.1	132
3.2	858	6.2	589	9.2	404	12.2	277	15.2	190	18.2	131
3.3	847	6.3	581	9.3	399	12.3	274	15.3	188	18.3	129
3.4	836	6.4	574	9.4	394	12.4	270	15.4	186	18.4	127
3.5	826	6.5	567	9.5	389	12.5	267	15.5	183	18.5	126
3.6	816	6.6	560	9.6	384	12.6	264	15.6	181	18.6	124
3.7	806	6.7	553	9.7	379	12.7	260	15.7	179	18.7	123
3.8	795	6.8	546	9.8	375	12.8	257	15.8	176	18.8	121
3.9	786	6.9	539	9.9	370	12.9	254	15.9	174	18.9	120
4.0	776	7.0	532	10.0	365	13.0	251	16.0	172	19.0	118
4.1	766	7.1	526	10.1	361	13.1	248	16.1	170	19.1	117
4.2	757	7.2	519	10.2	356	13.2	245	16.2	168	19.2	115
4.3	747	7.3	513	10.3	352	13.3	241	16.3	166	19.3	114
4.4	738	7.4	506	10.4	347	13.4	238	16.4	164	19.4	112
4.5	729	7.5	500	10.5	343	13.5	235	16.5	162	19.5	111
4.6	720	7.6	494	10.6	339	13.6	233	16.6	160	19.6	110
4.7	711	7.7	488	10.7	335	13.7	230	16.7	158	19.7	108
4.8	702	7.8	482	10.8	330	13.8	227	16.8	156	19.8	107
4.9	693	7.9	476	10.9	326	13.9	224	16.9	154	19.9	105

This table is based on mathematical models and should not be a substitute for actual test data.