SUSPENDED SILT - 2001

The following tables are based on determinations of gravimetric percentages of dry silt in water samples taken at each station by one of the following methods.

A. By lowering a D-43 depth integrating sampler at verticals located at centers of sections of equal discharge in the river cross section, being careful to approach but not strike the bottom. The samples obtained in the section are combined to comprise a composite sample for that date.

B. By lowering a D-43 depth integrating sampler at verticals located at centers of each span of the service bridge across the Alamo Canal, being careful to approach but not strike the bottom. The samples obtained in the section are combined to comprise a composite sample for that date.

C. By sampling at the stream surface with a separate bottle at each of three points, spaced 1/6, 1/2, and 5/6 of the stream width. The gravimetric percentage in each sample is determined, a coefficient of 1.10 is applied to the average of the three, and the product applied to the volume of the stream flow represented by that set of samples.

COLORADO RIVER AT NORTHERLY INTERNATIONAL BOUNDARY

2001 Date	Time Std.	Streamflow, Momentary CMS	Gravimetric Percent	Date	Time Std.	Streamflow, Momentary CMS	Gravimetric Percent	Date	Time Std.	Streamflow, Momentary CMS	Gravimetric Percent
Jan. 3	0900	72.4	0.0044	June 7	0905	54.6	0.0055	Nov. 7	0705	38.7	0.0029
11	0935	102	0.0026	14	0810	55.8	0.0064	15	0830	39.4	0.0094
18	0925	62.6	0.0061	20	0700	56.7	0.0066	21	0910	44.4	0.0036
25	0845	70.3	0.0035	28	0825	58.0	0.0068	29	0850	42.5	0.0031
31	0740	86.0	0.0026	July 5	0800	58.1	0.0060	Dec. 6	0925	52.2	0.0051
Feb. 8	0840	86.7	0.0029	11	0555	99.9	0.0057	13	0900	55.2	0.0033
15	0915	78.4	0.0056	18	0610	54.7	0.0074	20	0850	49.7	0.0017
22	1040	102	0.0018	26	0805	81.1	0.0062	26	0925	45.0	0.0028
28	0930	226	0.0046	Aug. 1	0640	49.5	0.0046				
Mar. 8	0900	122	0.0038	9	0815	63.6	0.0032				
15	0655	89.2	0.0076	15	0645	61.0	0.0017				
22	0915	99.6	0.0025	22	0640	45.7	0.0041				
29	0755	92.0	0.0051	29	0700	38.2	0.0040				
Apr. 5	0805	92.0	0.0036	Sept. 5	0645	41.0	0.0043				
12	0820	86.1	0.0033	12	0645	41.5	0.0057				
18	0755	86.0	0.0029	19	0645	38.6	0.0042				
26	0835	74.2	0.0041	26	0655	55.9	0.0018				
May 4	0820	54.1	0.0071	Oct. 4	0815	31.4	0.0039				
10	0820	38.1	0.0073	10	0750	31.7	0.0039				
17	0855	40.8	0.0024	18	0745	31.4	0.0034				
24	0805	50.9	0.0068	25	0745	41.8	0.0021				
30	0645	46.2	0.0054	31	0715	30.8	0.0018				

Samples by U. S. Section and analyses by United States Bureau of Reclamation, Method A

INTAKE CANAL AT MORELOS DIVERSION STRUCTURE

2001 Month	Monthly Weight Megagrams: Water	Silt	Number of Samples	Gravimetric Percentages: Average	Maximum Sample	Minimum Sample	Total 2001	* Silt Volume - Thousand Cubic Meters, Period 1952 - 2001: Average	Maximum	Minimum
Jan.	175,090,000	4,029	5	0.0047	0.0023	0.0005	2.96	11.4	62.6	0.30
Feb.	194,452,000	1,953	4	0.0010	0.0080	0.0000	1.43	12.9	127.8	1.10
Mar.	221,746,000	3,273	4	0.0015	0.0042	0.0005	2.40	51.2	605.2	1.10
April	219,914,000	6,578	4	0.0030	0.0077	0.0005	4.83	55.5	856.8	2.80
May	121,392,000	1,425	5	0.0012	0.0018	0.0005	1.05	19.8	318.2	1.30
June	138,741,000	2,011	4	0.0014	0.0080	0.0005	1.48	30.8	256.6	2.50
July	160,885,000	1,702	4	0.0011	0.0022	0.0005	1.25	38.3	189.8	2.80
Aug.	122,334,000	1,279	5	0.0010	0.0031	0.0005	0.94	35.1	166.9	2.36
Sept.	113,676,000	3,239	4	0.0028	0.0084	0.0005	2.38	16.1	72.9	1.78
Oct.	87,774,000	2,088	5	0.0024	0.0042	0.0005	1.53	8.87	124.0	0.40
Nov.	104,112,000	820	4	0.0008	0.0024	0.0000	0.60	8.90	165.2	0.30
Dec.	136,063,000	1,270	4	0.0009	0.0015	0.0005	0.93	8.90	54.4	0.84
Year	1,796,179,000	29,667	52	0.0018	0.0084	0.0004	21.8	297.8	2,706.5	40.2

* Volume calculated at 1.362 megagrams per cubic meter

COLORADO RIVER AT SOUTHERLY INTERNATIONAL BOUNDARY

2001 Date	Time Std.	Streamflow, Momentary CMS	Gravimetric Percent	Date	Time Std.	Streamflow, Momentary CMS	Gravimetric Percent	Date	Time Std.	Streamflow, Momentary CMS	Gravimetric Percent
Mar. 1	1215	135	0.0051								

Samples by U.S. Section and analyses by United States Bureau of Reclamation, Method A