

**COMISION INTERNACIONAL DE LIMITES Y AGUAS
ENTRE MEXICO Y LOS ESTADOS UNIDOS
SECCION MEXICANA**

MANANTIALES EN EL VASO DE LA PRESA DE LA AMISTAD

(UNIDADES: MILES DE METROS CUBICOS)

CONTIENE TODOS LOS MANANTIALES EN EL VASO DE LA PRESA LA AMISTAD INCLUYENDO LOS ESCURRIMIENTOS DEL MANANTIAL GOODENOUGH

AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1968						44,528	37,677	28,626	4,649	0	1,224	8,563	125,267
1969	10,520	7,340	3,813	12,966	18,105	18,594	19,573	19,695	19,451	20,551	18,594	19,328	188,530
1970	18,839	33,273	41,348	34,987	37,188	56,272	49,665	32,785	23,976	13,456	13,212	17,371	372,372
1971	23,408	75,599	38,959	37,188	47,463	63,122	34,007	15,579	9,052	9,297	4,893	14,680	373,247
1972	15,412	17,534	39,145	38,166	40,124	31,315	19,327	17,126	978	2,446	0	0	221,573
1973	0	20,796	37,922	34,252	64,835	39,390	47,219	52,519	34,741	26,423	4,724	0	362,821
1974	22,919	15,031	50,839	33,519	63,611	43,657	37,811	34,741	33,273	34,987	30,115	3,295	403,798
1975	26,912	34,112	35,965	51,868	59,941	41,102	56,517	50,400	33,519	43,345	28,626	34,007	496,314
1976	21,773	47,219	60,675	47,953	56,026	39,634	23,732	38,411	62,633	36,943	21,775	27,402	484,176
1977	29,848	43,794	51,868	57,005	95,906	58,474	52,112	51,623	50,889	32,539	18,349	21,530	563,937
1978	22,019	29,359	49,665	65,813	61,653	71,685	60,919	50,644	36,454	13,701	17,655	22,264	501,831
1979	18,141	37,151	81,960	47,709	61,409	39,146	39,634	31,316	35,720	28,870	16,881	28,625	466,562
1980	30,093	33,029	49,910	47,953	61,899	57,984	60,919	47,463	26,178	21,285	30,338	21,530	488,581
1981	38,016	29,376	32,832	35,424	61,344	61,344	53,568	52,704	32,832	34,560	20,995	19,008	472,003
1982	32,832	31,968	52,704	50,112	51,840	50,976	44,928	43,200	28,512	17,280	9,504	26,784	440,640
1983	31,806	32,784	26,423	51,689	51,623	44,773	45,995	51,623	22,509	53,091	37,922	13,700	463,938
1984	40,614	36,699	50,889	66,546	71,929	48,442	63,611	56,271	47,953	30,337	22,753	27,891	563,935
1985	34,252	22,019	44,038	47,463	43,060	36,209	43,304	46,984	34,242	25,444	17,615	13,752	408,382
1986	29,848	26,912	43,794	45,751	49,421	51,378	58,718	47,463	34,007	12,966	12,233	15,903	428,394
1987	23,487	36,943	39,145	35,720	51,378	46,974	65,324	75,355	42,326	53,825	37,433	34,007	541,917
1988	29,359	36,698	54,314	66,058	56,271	47,463	28,176	106,141	54,314	24,466	16,270	20,185	539,715

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AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1989	36,454	39,879	44,038	71,325	66,058	69,728	60,789	74,023	58,718	44,038	46,754	14,190	625,994
1990	47,219	49,666	60,185	63,611	82,450	75,157	46,485	51,619	37,922	55,517	15,408	22,135	607,374
1991	36,209	40,283	64,345	66,446	63,156	57,494	58,595	43,470	63,895	81,104	35,464	33,082	643,543
1992	43,200	46,184	62,656	71,955	56,355	21,306	73,105	41,225	49,133	44,780	9,855	37,550	557,304
1993	34,126	36,058	60,292	58,459	67,831	58,616	31,721	66,312	24,926	33,669	24,884	30,318	527,212
1994	32,000	32,872	43,955	49,381	32,200	72,890	70,270	55,862	39,608	40,468	37,199	35,388	542,093
1995	31,017	36,767	39,704	57,077	71,795	57,510	55,740	49,071	41,040	28,308	24,150	25,825	518,004
1996	28,379	35,649	38,252	52,547	34,311	67,683	48,496	45,197	44,704	25,865	31,466	32,209	484,758
1997	34,567	38,280	46,770	39,818	34,606	33,689	48,575	44,907	44,538	37,432	22,563	21,629	447,374
1998	37,339	34,763	53,163	53,114	77,064	74,079	52,720	53,240	45,235	37,167	32,224	28,270	578,378
1999	33,639	41,863	52,795	60,254	52,617	65,691	46,152	50,495	49,773	54,356	51,248	38,629	597,512
2000	46,194	38,739	45,735	55,419	72,757	29,558	53,700	77,764	48,075	61,331	26,230	35,178	590,680
2001	41,963	42,238	38,304	41,386	64,053	62,227	57,523	64,003	48,092	41,895	37,141	35,178	574,003
2002	36,844	31,979	40,281	56,055	65,283	53,428	57,999	40,591	40,077	30,500	25,795	26,871	505,703
2003	32,229	22,165	26,480	37,683	47,370	25,742	48,035	48,219	39,334	26,427	21,832	25,341	400,857
2004	22,823	31,851	51,297	31,735	34,179	39,234	0	30,945	18,235	39,939	11,410	6,332	317,980
2005	31,340	37,182	44,327	50,217	67,678	50,397	61,451	48,780	46,350	40,930	26,125	29,726	534,503
2006	34,592	36,170	56,431	60,125	69,120	60,572	53,283	42,804	21,997	14,279	24,639	20,706	494,718
2007	29,752	41,154	61,666	62,504	78,920	74,130	78,280	52,738	54,362	48,510	38,424	41,944	662,384
2008	43,059	70,084	59,586	63,868	79,860	70,082	62,396	80,229	66,355	18,262	14,688	35,367	663,836
2009	36,686	60,886	60,886	53,149	74,570	59,389	55,095	64,478	48,042	14,695	35,976	19,526	583,378

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AÑO	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
2010	35,978	33,514	43,090	55,036	46,974	39,851	39,851	86,569	88,452	70,798	29,208	44,425	613,746
2011	27,013	48,865	54,205	73,542	58,650	53,850	59,198	36,053	59,989	40,288	32,006	32,112	575,771
2012	34,560	45,360	59,314	43,719	76,000	55,581	50,931	45,186	34,751	40,137	34,491	19,370	539,400
2013	48,544	40,844	44,588	33,573	50,138	58,169	19,067	18,540	32,759	47,778	26,147	32,999	453,146
2014	34,268	35,497	34,354	59,662	53,292	40,058	58,164	35,436	26,143	26,106	21,019	19,653	443,652
2015	25,567	26,339	40,705	38,949	48,204	31,512	34,974	28,693	42,894	43,919	14,459	27,535	403,750
2016	33,401	34,522	42,913	48,091	49,930	47,557	44,647	76,457	45,010	39,623	38,042	41,202	541,395
2017	50,086	46,279	49,391	85,523	85,541	78,094	65,294	0	54,410	41,735	24,298	28,873	609,524
2018	36,701	38,392	53,319	57,919	61,005	64,890	57,737	53,201	69,080	38,810	31,374	41,710	604,138
2019	33,479	35,682	43,933	70,965	60,035	45,996	40,098	33,915	32,166	31,128	35,570	39,044	502,011
MEDIO	31,555	36,817	47,121	51,593	58,569	51,666	48,714	47,898	40,082	34,146	24,254	25,234	497,649
MAXIMO	50,086	75,599	81,960	85,523	95,906	78,094	78,280	106,141	88,452	81,104	51,248	44,425	663,836
MINIMO	0	7,340	3,813	12,966	18,105	18,594	0	0	978	0	0	0	125,267

Nota: Los datos de 2018 y 2019 son preliminares por lo que están sujetos a cambios

La información hidrométrica histórica del manantial Goodenough (de 1931 al 11 de julio de 1968) puede encontrarse en los boletines de la Comisión Ineternacional de Límites y Aguas .