

Republican River Basin streamflow gaging stations with records published by the USGS Kansas for Water Year 2005

Station ID	Station name	Telemetry	Annual mean flow (ft ³ /s)		Percent of long-term mean	Record high/low or rank	WYs used for period of record
			WY 2005	Period of record			
USGS Compact stations supported by the National Streamflow Information Program (NSIP)							
06827000	SF Republican River at CO-KS State line, Ks	Satellite	7.22	6.66	108		2002-2005
06845110	Sappa Creek near Lyle, Ks	Satellite	1.34	10.5	12.8		1996-2005
06846500	Beaver Creek at Cedar Bluffs, Ks	Satellite	0.10	12.4	0.81	6	1946-2005
06848500	Prairie Dog Creek near Woodruff, Ks	Satellite	4.74	25.3	18.7	16	1929-2005
06853500	Republican River near Hardy, Ks	Satellite	24.9	476	5.2	Record low	1933-2005
06853800	White Rock Creek near Burr Oak, Ks	Satellite	5.07	26.7	19.0	5	1958-2005
USGS Compact stations supported by the Kansas Department of Agriculture, Division of Water Resources							
06845000	Sappa Creek near Oberlin, Ks	Satellite	0.27	13.2	2.0	5	1929-2005
06846000	Beaver Creek at Ludell, Ks	Satellite	0.00	11.6	<.10	Record low	1945-53, 1996-2005
USGS Compact stations supported by the Kansas Water Office							
06844900	SF Sappa Creek near Achilles, Ks	Satellite	0.16	3.08	5.2	11	1960-2005
06847900	Prairie Dog Creek above Keith Sebelius Lake, Ks	Satellite	1.56	8.32	18.8	7	1963-2005
USGS Compact stations supported by the USACE, Kansas City District							
06856000	Republican River at Concordia, Ks	Satellite	90.3	625	14.4	Record low	1947-2005
06856600	Republican River at Clay Center, Ks	Satellite	171	945	18.1	Record low	1918-2005

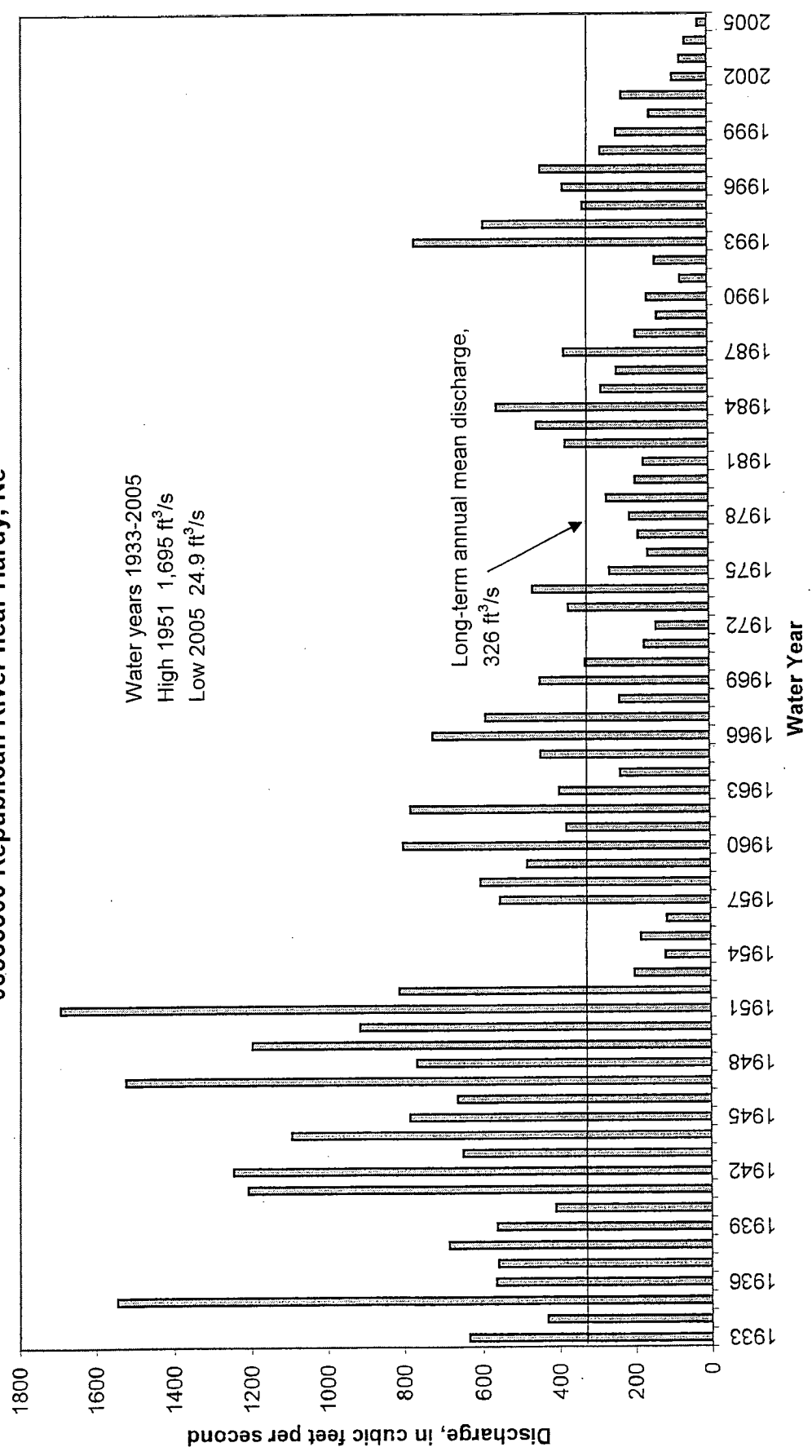
Links to USGS data and publications: <http://water.usgs.gov>
 Kansas Information: <http://ks.water.usgs.gov>
 Kansas drought information: <http://ks.water.usgs.gov/Kansas/waterwatch/drought/index.shtml>

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Republican River Compact Meeting
August 10, 2006 Phillipsburg, Ks

06853500 Republican River near Hardy, Ne





Mean annual streamflow for water years 2000-2006 compared with mean annual streamflow during four documented droughts¹ in Kansas

Station Name	Average 2000-2006 Streamflow (cfs) <small>(WY06 includes Oct 05-July 06 only)</small>	Previous Documented Droughts				Long-term annual average	Years of record
		Average 1929-41 streamflow (cfs)	Average 1952-57 streamflow (cfs)	Average 1962-72 streamflow (cfs)	Average 1974-82 streamflow (cfs)		
Prairie Dog Creek near Woodruff	5.16	no data	43.3	20.3	6.86	25.3	63
Beaver Creek near Cedar Bluffs	0.12	no data	17.4	16.3	3.59	12.4	58
Republican River near Hardy	92	734	330	408	254	476	73
Republican River at Concordia	193	no data	394	594	491	625	60
Republican River at Clay Center	261	912	462	773	732	945	88
Big Creek near Hays	13.7	no data	33.2	24.9	18.4	31.7	59
Smoky Hill River at Ellsworth	110	242	201	176	234	234	95
Smoky Hill River near Mentor	171	no data	274	312	358	381	65
Smoky Hill River at Enterprise	612	969	999	1015	1441	1562	71
North Fork Solomon River at Portis	46.4	no data	110	85.3	60.9	117	60
South Fork Solomon River at Osborne	21.5	no data	88.5	55.7	49.0	108	85
Solomon River at Niles	159	360	364	333	491	558	94
Saltine River near Russell	38.9	no data	59.5*	66.5	46.7	93.3	55
Kansas River at Wamego	2420	3201	2948	4176	5310	5102	86
Soldier Creek at Topeka	97.5	85.8	32.8	132	180	155	70
Kansas River at Leocompton	3549	3291*	3438	5451	7300	7186	69
Stranger Creek near Tonganoxie	209	123	75.5	233	275	245	76
Wakarusa River near Lawrence	169	79.8	64.5	218	210	217	76
Kansas River at DeSoto	4054	4449	6363	6336	8136	7351	88
Hundred and Ten Mile Creek near Quenemo	138	no data	46.0	142	186	182	66
Marais des Cygnes River at Ottawa	520	372	199	606	717	698	90
Arkansas River at Syracuse	141	221	159	260	60.8	290	89
Arkansas River at Garden City	45.8	88.8	67.1	181	no data	179	66
Arkansas River at Dodge City	18.9	no data	94.7	167	7.77	132	65
Arkansas River near Kinsley	20.4	no data	116	176	35.6	124	61
Pawnee River near Rozel	9.82	50.8	56.2	43.5	36.9	59.5	81
Cow Creek near Lyons	49.1	32.6*	no data	70.0	83.7	77.4	58
Little Arkansas River at Valley Center	333	127	136	259	409	317	83
Arkansas River at Wichita	801	450	603	831	1098	1052	71
Ninnescah River near Peck	510	334*	355	331	554	527	68
Arkansas River at Arkansas City	2001	983	1198	1590	2086	1939	87
Walnut River at Winfield	1155	477	296	798	827	901	84
Medicine Lodge River near Kiowa	140	70.2*	no data	96.1	130	152	61
Crooked Creek near Englewood	8.11	no data	39.8	26.0	17.2	28.8	63
Verdigris River near Altoona	648	545*	241	610	712	770	67
Verdigris River at Independence	1727	1134	615	1382	1988	1795	91
Fall River near Fredonia	546	187*	149	382	525	518	67
Caney River near Elgin	282	no data	120	167	260	276	66
Neosho River at Council Grove	82	37.0*	34.3	100	115	125	67
Cedar Creek near Cedar Point	54	40.3*	15.8	51.5	48.9	58.2	67
Neosho River near Iola	1465	1100	555	1794	1954	1863	95
Neosho River near Parsons	2026	1632	871	2360	2771	2744	84
Lightning Creek near McCune	113	69.8*	no data	86.7	137	166	54

Note: Mean annual streamflows in bold indicate lowest value

* indicates incomplete data for period

¹USGS, Water-Supply Paper 2375-National Water Summary 1988-89--Floods and Droughts: Kansas, Paulson, R.W. and others, p. 287-294.