

MIDDLE REPUBLICAN N.R.D.  
 ( MONITORED WELLS IN THE REPUBLICAN RIVER BASIN )

COUNTY	QUADRANGLE	WELL #	LEGAL DESCRIPTION
HAYES	SUTTLERS CANYON E.	177	NW 1/4 SEC. 26-8-32 W
HAYES	HAYES CENTER	215	NE 1/4 SEC. 2-6-33 W
HAYES	PALISADE N.E.	156	NW 1/4 SEC. 17-6-33 W
HAYES	HAMLET	137	NW 1/4 SEC. 30-5-34 W
HITCHCOCK	PALISADE	130	NW 1/4 SEC. 1-4-34 W
HITCHCOCK	PALISADE	125	SE 1/4 SEC. 23-4-33 W
HITCHCOCK	CULBERTSON N.W.	107	NE 1/4 SEC. 35-3-32 W
HITCHCOCK	STRATTON	98	NE 1/4 SEC. 24-2-35 W
RED WILLOW	McCOOK EAST	111	NE 1/4 SEC. 19-3-28 W
RED WILLOW	INDIANOLA	113	SW 1/4 SEC. 17-3-27 W
FRONTIER	QUICK	148	NE 1/4 SEC. 6-5-29 W
FRONTIER	MOOREFIELD	180	NE 1/4 SEC. 21-8-28 W
FRONTIER	EUSTIS S.E.	172	SE 1/4 SEC. 12-7-25 W
LINCOLN	DICKENS	200	NW 1/4 SEC. 20-10-32 W
LINCOLN	LAKE MALONEY	211	NW 1/4 SEC. 21-13-30 W
LINCOLN	MAXWELL	209	NE 1/4 SEC. 8-12-28 W
LINCOLN	GOTHENBURG	205	NE 1/4 SEC. 25-11-26 W

TRI-BASIN N.R.D.  
 ( MONITORED WELLS IN THE REPUBLICAN RIVER BASIN )

COUNTY	QUADRANGLE	WELL #	LEGAL DESCRIPTION
GOSPER	ARAPAHOE N.W.	142	NW 1/4 SEC. 16-5-23 W
GOSPER	OXFORD N.W.	150	NE 1/4 SEC. 31-6-21 W
GOSPER	BERTRAND	167	NE 1/4 SEC. 16-7-21 W
GOSPER	ELWOOD	176	SW 1/4 SEC. 6-7-21 W
GOSPER	JOHNSON LAKE	185	SE 1/4 SEC. 7-8-22 W
GOSPER	JOHNSON LAKE	187	NE 1/4 SEC. 1-8-22 W
GOSPER	BERTRAND N.W.	184	NE 1/4 SEC. 11-8-21 W
DAWSON	JOHNSON LAKE	190	NE 1/4 SEC. 33-9-22 W
DAWSON	COZAD	199	NE 1/4 SEC. 30-10-23 W
PHELPS	BERTRAND S.E.	169	NE 1/4 SEC. 16-7-20 W
PHELPS	BERTRAND S.E.	175	SE 1/4 SEC. 5-7-20 W
PHELPS	HOLDREDGE WEST	154	NW 1/4 SEC. 28-6-19 W
PHELPS	HOLDREDGE EAST	149	NE 1/4 SEC. 32-6-17 W
PHELPS	ELM CREEK S.E.	161	NE 1/4 SEC. 35-7-18 W
KEARNEY	WILCOX	134	NE 1/4 SEC. 32-5-16 W
KEARNEY	AXTELL WEST	157	NE 1/4 SEC. 17-6-16 W
KEARNEY	AXTELL EAST	147	NE 1/4 SEC. 6-5-15 W
KEARNEY	KEARNEY S.E.	159	NE 1/4 SEC. 4-6-15 W
KEARNEY	MINDON NORTH	174	NE 1/4 SEC. 11-7-15 W
KEARNEY	NORMAN	139	SW 1/4 SEC. 20-5-13 W

UPPER REPUBLICAN N.R.D.  
 ( MONITORED WELLS IN THE REPUBLICAN RIVER BASIN )

COUNTY	QUADRANGLE	WELL #	LEGAL DESCRIPTION
KEITH	BIG SPRINGS	210	SW 1/4 SEC. 6-12-41 W
KEITH	PAXTON S.W.	208	NE 1/4 SEC. 17-12-36 W
KEITH	PAXTON S.W.	212	NW 1/4 SEC. 17-13-36 W
KEITH	PAXTON S.W.	214	SE 1/4 SEC. 1-13-37 W
PERKINS	BRANDON N.W.	206	NE 1/4 SEC. 22-11-41 W
PERKINS	LAMAR N.W.	188	SW 1/4 SEC. 35-9-41 W
PERKINS	MADRID	195	SW 1/4 SEC. 6-9-37 W
PERKINS	GRAINTON	193	NW 1/4 SEC. 11-8-35 W
CHASE	LAMAR	170	SE 1/4 SEC. 11-7-41 W
CHASE	IMPERIAL	162	NW 1/4 SEC. 33-7-38 W
CHASE	DITTON CREEK N.W.	178	SE 1/4 SEC. 22-8-37 W
CHASE	ARTERBURN LAKE	152	NE 1/4 SEC. 29-6-41 W
CHASE	OUGH	136	NE 1/4 SEC. 25-5-38 W
DUNDY	RESERVOIR LAKE S.E.	119	NW 1/4 SEC. 4-3-40 W
DUNDY	CHAMPION S.W.	121	SE 1/4 SEC. 25-4-39 W
DUNDY	ROCK CANYON	112	NW 1/4 SEC. 22-3-36 W
DUNDY	MAX	92	SW 1/4 SEC. 31-2-36 W
DUNDY	PARKS	82	SE 1/4 SEC. 29-1-38 W

LITTLE BLUE N.R.D.  
( MONITORED WELLS IN THE REPUBLICAN RIVER BASIN )

COUNTY	QUADRANGLE	WELL #	LEGAL DESCRIPTION
ADAMS	BLUE HILL	135	SW 1/4 SEC. 30-5-10 W
ADAMS	ROSELAND	141	CENTER SEC. 13-5-12 W
ADAMS	PAULINE	144	NE 1/4 SEC. 16-5-9 W

Table 1. Results of review of ground-water level hydrographs for wells with measurements since December 31, 2000.

4/11/2006

Map ID	USGS GWSI Site Number	UTM-X	UTM-Y	Does the Trend of Observations Prior to 2001 Match the Trend of Model Calculated Values Prior to 2001?	Does the Trend of Observations After 2001 Continue to Match the Trend of Model Calculated Values Prior to 2001?
81	400050098083001	1,880,753	14,532,259	No	No
82	400130101374401	904,398	14,546,011	Yes	Yes
84	400240098111301	1,867,973	14,543,267	Yes	Yes
86	400339098153801	1,847,321	14,549,055	Yes	Yes
87	400423098314001	1,772,526	14,552,997	No	Yes
91	400539098234501	1,809,386	14,560,908	No	Yes
92	400551101260301	959,643	14,570,865	Yes	Yes
98	400748101124501	1,021,938	14,581,081	No	Yes
99	400802097502401	1,964,853	14,576,914	No	Yes
103	401041099330901	1,486,087	14,591,362	No	Yes
105	401059098390101	1,738,097	14,592,895	Yes	Yes
217	401120099202501	1,545,382	14,595,008	Yes	Yes
107	401130100533601	1,111,642	14,601,477	No	Yes
110	401233099062701	1,610,402	14,602,229	No	Yes
111	401257100310701	1,216,451	14,608,266	Yes	No
112	401307101222101	976,923	14,615,145	Yes	Yes
113	401329100241701	1,250,237	14,610,949	No	Yes
115	401357099311001	1,495,436	14,611,132	Yes	Yes
216	401414099131101	1,578,095	14,612,503	Yes	Yes
118	401459098325801	1,766,138	14,617,298	No	Yes
119	401559101505601	845,616	14,635,825	Yes	Yes
120	401647099575301	1,371,342	14,629,368	Yes	Yes
121	401703101394801	897,758	14,641,292	Yes	Yes
125	401801101002301	1,080,961	14,641,726	Yes	Yes
127	401850098442601	1,712,743	14,640,451	No	No
130	402107101063001	1,052,981	14,661,203	Yes	Yes
131	402110099140001	1,575,624	14,654,304	Yes	Yes
133	402158098111301	1,866,900	14,660,403	Yes	Yes
134	402202099082201	1,601,160	14,659,387	Yes	Yes
135	402224098290901	1,783,626	14,662,408	No	Yes
136	402236101343101	923,110	14,673,046	Yes	Yes
137	402244101132101	1,021,415	14,671,795	Yes	Yes
139	402313098475201	1,696,730	14,667,013	No	Yes
141	402411098370101	1,747,061	14,673,047	No	No
142	402416099560500	1,380,189	14,674,697	No	No
144	402434098203101	1,823,606	14,675,824	Yes	Yes
147	402612099025401	1,627,497	14,685,369	Yes	Yes
148	402614100373001	1,181,968	14,689,635	Yes	Yes
149	402703099150901	1,569,445	14,689,939	Yes	Yes
150	402711099440801	1,435,785	14,691,876	Yes	Yes
152	402757101591201	809,627	14,709,737	Yes	Yes
154	402802099285801	1,506,136	14,696,550	Yes	Yes
156	402950101052601	1,059,187	14,713,996	Yes	Yes
157	402952099083901	1,600,974	14,707,467	Yes	Yes
159	403125099003701	1,638,012	14,717,097	Yes	Yes
215	403127101012701	1,077,872	14,723,378	Yes	Yes

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4/11/2006

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161	403210099194201	1,549,187	14,721,440	Yes	Yes
162	403220101384001	905,631	14,733,307	Yes	Yes
167	403449099415201	1,446,662	14,738,121	Yes	Yes
169	403506099350101	1,477,642	14,739,004	Yes	Yes
170	403518101561601	824,716	14,753,900	Yes	Yes
172	403534100054601	1,336,110	14,743,800	No	Yes
174	403546098580301	1,648,729	14,743,506	Yes	Yes
175	403625099361001	1,472,363	14,746,897	Yes	Yes
176	403626099451401	1,431,165	14,748,062	Yes	Yes
177	403817100550401	1,108,344	14,764,196	Yes	Yes
178	403843101295201	947,488	14,770,867	Yes	Yes
180	403913100295401	1,224,817	14,767,601	No	No
181	403922099223301	1,535,023	14,766,007	No	Yes
183	404020099355301	1,475,224	14,770,980	Yes	Yes
184	404046099393601	1,456,897	14,774,577	Yes	Yes
185	404046099504501	1,404,792	14,773,458	Yes	No
187	404209099450201	1,431,021	14,781,888	No	No
188	404221101575501	818,524	14,796,955	No	No
190	404250099493701	1,411,174	14,786,823	Yes	No
193	404601101164001	1,009,675	14,813,523	Yes	Yes
195	404624101352001	924,917	14,819,012	Yes	Yes
199	404850099583001	1,370,025	14,824,644	Yes	Yes
200	404953100595401	1,087,596	14,835,108	Yes	Yes
205	405413100131601	1,302,215	14,857,710	Yes	Yes
206	405506101582301	818,995	14,874,433	Yes	Yes
207	405907101250201	973,255	14,894,082	Yes	Yes
208	410058101264501	965,422	14,904,831	Yes	Yes
209	410138100312401	1,220,133	14,903,573	Yes	Yes
210	410209102024101	800,685	14,917,917	No	No
211	410523100455501	1,153,303	14,927,952	Yes	No
212	410627101283301	958,341	14,939,054	Yes	Yes
214	410745101294801	952,013	14,945,594	Yes	Yes

LOWER REPUBLICAN N.R.D.  
 ( MONITORED WELLS IN THE REPUBLICAN RIVER BASIN )

COUNTY	QUADRANGLE	WELL #	LEGAL DESCRIPTION
FURNAS	ARAPAHOE	120	NE 1/4 SEC. 36-4-24 W
HARLAN	STAMFORD	103	NE 1/4 SEC. 3-2-20 W
HARLAN	STAMFORD	115	NE 1/4 SEC. 13-3-20 W
HARLAN	HUNTLEY	217	NW 1/4 SEC. 34-3-18 W
HARLAN	REPUBLICAN CITY NW	216	SE 1/4 SEC. 10-3-17 W
HARLAN	WILCOX	131	NW 1/4 SEC. 3-4-17 W
FRANKLIN	REPUBLICAN CITY NE	110	SE 1/4 SEC. 22-3-16 W
FRANKLIN	CAMPBELL	127	SW 1/4 SEC. 13-4-13 W
WEBSTER	RED CLOUD	87	NW 1/4 SEC. 11-1-11 W
WEBSTER	AMBOY	91	SW 1/4 SEC. 36-2-10 W
WEBSTER	RED CLOUD N.W.	105	SW 1/4 SEC. 34-3-12 W
WEBSTER	RED CLOUD N.E.	118	NW 1/4 SEC. 10-3-11 W
NUCKOLLS	BOSTWICK	84	NW 1/4 SEC. 23-1-8 W
NUCKOLLS	GUIDE ROCK	86	NE 1/4 SEC. 18-1-8 W
NUCKOLLS	BOSTWICK	81	NE 1/4 SEC. 31-1-7 W
NUCKOLLS	RUSKIN	99	NE 1/4 SEC. 23-2-5 W
CLAY	DEWEESE	133	NE 1/4 SEC. 35-5-8 W