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Water-Data Report 2008

**283853097290701 Local number KP-79-21-706 (Goliad 2)**

Coastal lowlands aquifer system  
Goliad Sand

Goliad County, TX

LOCATION.--Lat 28°38'53", long 97°29'07" referenced to North American Datum of 1983, Goliad County, TX, Hydrologic Unit 12100303.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 243 ft. Upper casing diameter 4 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 141 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of PVC casing., 6.42 ft above land-surface datum, Sep. 13, 2007, to present.

PERIOD OF RECORD.--Jul 20, 2006 to Nov. 18, 2006 (periodic measurements); Nov. 19, 2006 to Sept. 30, 2008 (discontinued).

REMARKS.--Records good. Well is subject to inundation during high water events from the San Antonio River, 1500 ft to the southwest.

EXTREMES FOR CURRENT YEAR.--Highest water level, 5.22 ft below land surface datum, May 7; lowest water level, 7.77 ft below land surface datum, Sept. 13.

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
<b>October</b>				<b>November</b>				<b>December</b>				<b>January</b>
<b>1</b>	5.56	5.48	5.53	5.69	5.66	5.68	5.91	5.86	5.88	6.06	5.95	6.01
<b>2</b>	5.50	5.46	5.48	5.72	5.67	5.70	5.95	5.86	5.90	6.08	6.04	6.06
<b>3</b>	5.48	5.45	5.46	5.76	5.71	5.73	6.00	5.95	5.97	6.06	5.99	6.03
<b>4</b>	5.48	5.44	5.46	5.77	5.72	5.74	5.95	5.86	5.90	5.99	5.92	5.95
<b>5</b>	5.49	5.45	5.47	5.75	5.71	5.73	5.87	5.81	5.84	5.94	5.88	5.91
<b>6</b>	5.50	5.45	5.47	5.83	5.74	5.78	5.88	5.84	5.86	5.91	5.86	5.89
<b>7</b>	5.49	5.45	5.47	5.83	5.79	5.81	5.87	5.83	5.85	5.90	5.85	5.88
<b>8</b>	5.51	5.45	5.48	5.81	5.76	5.78	5.88	5.84	5.86	5.96	5.87	5.90
<b>9</b>	5.50	5.47	5.48	5.81	5.77	5.79	5.89	5.84	5.86	5.96	5.88	5.92
<b>10</b>	5.50	5.45	5.48	5.82	5.79	5.81	5.89	5.84	5.87	5.93	5.88	5.90
<b>11</b>	5.48	5.44	5.46	5.84	5.80	5.82	5.86	5.81	5.83	5.94	5.89	5.92
<b>12</b>	5.48	5.44	5.46	5.89	5.84	5.86	5.87	5.83	5.85	5.97	5.91	5.93
<b>13</b>	5.48	5.45	5.46	5.90	5.84	5.87	5.88	5.84	5.86	6.02	5.97	5.99
<b>14</b>	5.47	5.43	5.45	5.92	5.85	5.86	5.86	5.76	5.82	6.04	6.02	6.03
<b>15</b>	5.47	5.44	5.45	5.97	5.92	5.95	5.88	5.76	5.82	6.02	5.94	5.99
<b>16</b>	5.47	5.39	5.40	5.96	5.88	5.91	5.93	5.88	5.90	5.94	5.88	5.90
<b>17</b>	5.40	5.25	5.31	5.89	5.85	5.87	5.91	5.85	5.88	5.97	5.91	5.94
<b>18</b>	5.44	5.31	5.37	5.92	5.86	5.89	5.87	5.83	5.85	5.96	5.91	5.94
<b>19</b>	5.51	5.44	5.48	5.94	5.89	5.91	5.85	5.78	5.82	6.00	5.90	5.95
<b>20</b>	5.53	5.47	5.50	5.91	5.86	5.89	5.81	5.76	5.78	6.00	5.94	5.97
<b>21</b>	5.50	5.45	5.47	5.93	5.85	5.88	5.80	5.73	5.77	5.98	5.89	5.92
<b>22</b>	5.60	5.46	5.52	6.00	5.93	5.96	5.93	5.73	5.81	5.93	5.88	5.90
<b>23</b>	5.60	5.54	5.57	6.00	5.91	5.95	5.94	5.87	5.90	5.93	5.87	5.90
<b>24</b>	5.58	5.52	5.55	5.93	5.83	5.86	5.89	5.84	5.87	5.93	5.90	5.91
<b>25</b>	5.58	5.51	5.54	5.89	5.84	5.86	5.89	5.80	5.84	5.93	5.89	5.91
<b>26</b>	5.61	5.54	5.56	5.96	5.89	5.90	5.86	5.78	5.82	5.91	5.89	5.90
<b>27</b>	5.67	5.60	5.63	5.97	5.92	5.95	5.86	5.77	5.82	5.91	5.87	5.90
<b>28</b>	5.68	5.66	5.67	5.95	5.88	5.91	5.89	5.78	5.86	5.87	5.78	5.82
<b>29</b>	5.69	5.66	5.67	5.94	5.90	5.92	5.89	5.86	5.87	5.85	5.77	5.80
<b>30</b>	5.68	5.64	5.66	5.92	5.90	5.91	5.88	5.85	5.87	5.86	5.79	5.84
<b>31</b>	5.66	5.64	5.65	---	---	---	5.95	5.86	5.88	5.90	5.77	5.83
<b>Month</b>	5.69	5.25	5.50	6.00	5.66	5.85	6.00	5.73	5.86	6.08	5.77	5.92

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
<b>February</b>				<b>March</b>				<b>April</b>				<b>May</b>
<b>1</b>	5.91	5.85	5.88	5.80	5.75	5.77	5.70	5.63	5.66	5.95	5.90	5.92
<b>2</b>	5.86	5.81	5.83	5.75	5.67	5.70	5.70	5.65	5.68	5.97	5.91	5.94
<b>3</b>	5.83	5.76	5.79	5.81	5.64	5.71	5.68	5.61	5.64	6.06	5.97	6.01
<b>4</b>	5.79	5.72	5.75	5.81	5.73	5.77	5.70	5.61	5.65	6.05	5.91	5.99
<b>5</b>	5.81	5.69	5.73	5.76	5.70	5.73	5.70	5.66	5.69	5.93	5.64	5.78
<b>6</b>	5.85	5.79	5.82	5.75	5.64	5.70	5.71	5.67	5.68	5.71	5.24	5.47
<b>7</b>	5.82	5.77	5.79	5.76	5.71	5.73	5.72	5.68	5.70	5.38	5.22	5.30
<b>8</b>	5.82	5.75	5.78	5.77	5.71	5.74	5.77	5.69	5.72	5.57	5.32	5.46
<b>9</b>	5.83	5.78	5.80	5.75	5.71	5.73	5.73	5.68	5.71	5.66	5.49	5.58
<b>10</b>	5.85	5.81	5.83	5.77	5.73	5.75	5.71	5.66	5.69	5.70	5.58	5.66
<b>11</b>	5.81	5.73	5.77	5.77	5.72	5.75	5.79	5.71	5.75	5.85	5.70	5.79
<b>12</b>	5.79	5.71	5.74	5.73	5.68	5.72	5.86	5.78	5.83	5.89	5.82	5.85
<b>13</b>	5.80	5.76	5.79	5.68	5.62	5.64	5.86	5.83	5.85	5.86	5.76	5.83
<b>14</b>	5.76	5.74	5.75	5.63	5.60	5.61	5.85	5.77	5.82	5.82	5.74	5.78
<b>15</b>	5.76	5.73	5.75	5.68	5.59	5.63	5.87	5.72	5.78	6.00	5.81	5.91
<b>16</b>	5.74	5.65	5.69	5.69	5.65	5.67	5.92	5.85	5.88	6.09	5.99	6.04
<b>17</b>	5.74	5.66	5.69	5.68	5.62	5.64	5.92	5.85	5.89	6.10	5.97	6.04
<b>18</b>	5.81	5.74	5.77	5.66	5.57	5.60	5.93	5.86	5.90	6.05	5.93	6.00
<b>19</b>	5.81	5.75	5.78	5.75	5.66	5.70	5.96	5.90	5.92	6.04	5.91	5.98
<b>20</b>	5.77	5.68	5.72	5.77	5.72	5.74	5.93	5.87	5.91	6.04	5.94	5.98
<b>21</b>	5.71	5.64	5.67	5.74	5.68	5.71	5.92	5.87	5.89	6.03	5.90	5.97
<b>22</b>	5.72	5.68	5.69	5.72	5.67	5.70	5.96	5.90	5.93	5.95	5.81	5.90
<b>23</b>	5.73	5.70	5.71	5.76	5.69	5.73	5.98	5.93	5.95	5.86	5.76	5.82
<b>24</b>	5.75	5.71	5.74	5.79	5.74	5.76	5.99	5.93	5.96	5.89	5.78	5.83
<b>25</b>	5.73	5.64	5.68	5.74	5.70	5.72	5.99	5.82	5.89	---	---	---
<b>26</b>	5.81	5.67	5.76	5.71	5.67	5.69	5.96	5.77	5.83	---	---	---
<b>27</b>	5.82	5.77	5.80	5.67	5.63	5.64	5.84	5.74	5.79	---	---	---
<b>28</b>	5.77	5.73	5.75	5.67	5.62	5.64	5.91	5.82	5.86	---	---	---
<b>29</b>	5.79	5.72	5.76	5.66	5.64	5.65	5.83	5.74	5.80	---	---	---
<b>30</b>	---	---	---	5.66	5.64	5.65	5.92	5.78	5.86	---	---	---
<b>31</b>	---	---	---	5.65	5.62	5.64	---	---	---	---	---	---
<b>Month</b>	5.91	5.64	5.76	5.81	5.57	5.70	5.99	5.61	5.80	---	---	---

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	6.23	6.12	6.17	---	---	---	7.48	7.32	7.40
2	---	---	---	6.21	6.15	6.19	6.73	6.62	6.67	7.48	7.38	7.44
3	---	---	---	6.22	6.15	6.19	6.78	6.62	6.70	7.47	7.36	7.42
4	---	---	---	6.19	6.11	6.16	6.79	6.66	6.73	7.45	7.33	7.39
5	---	---	---	6.23	6.14	6.19	6.79	6.66	6.73	7.40	7.30	7.35
6	---	---	---	6.27	6.16	6.22	6.68	6.58	6.64	7.32	7.24	7.29
7	---	---	---	6.24	6.20	6.22	6.75	6.61	6.67	7.33	7.21	7.27
8	---	---	---	6.26	6.20	6.22	6.84	6.70	6.76	7.37	7.27	7.32
9	---	---	---	6.27	6.18	6.21	6.88	6.76	6.81	7.37	7.30	7.34
10	6.45	6.01	6.17	6.24	6.16	6.20	6.97	6.82	6.89	7.38	7.33	7.35
11	6.69	6.45	6.61	6.24	6.16	6.20	7.02	6.91	6.95	7.48	7.34	7.40
12	6.75	6.64	6.71	6.31	6.20	6.24	7.09	6.95	7.00	7.73	7.43	7.58
13	6.84	6.72	6.79	6.41	6.26	6.34	7.06	6.99	7.02	7.77	7.54	7.68
14	6.86	6.71	6.81	6.46	6.36	6.40	7.02	6.96	6.99	7.54	7.13	7.33
15	6.71	6.55	6.65	6.42	6.35	6.39	7.04	6.94	6.99	7.14	7.01	7.07
16	6.55	6.34	6.47	6.40	6.31	6.36	7.03	6.93	6.97	7.09	6.95	7.02
17	6.38	6.29	6.34	6.46	6.35	6.40	7.07	6.96	7.01	7.15	7.02	7.08
18	6.43	6.27	6.36	6.49	6.41	6.45	7.09	7.03	7.06	7.17	7.07	7.13
19	6.40	6.27	6.34	6.48	6.39	6.43	7.13	7.04	7.08	7.26	7.14	7.20
20	6.29	6.15	6.23	6.45	6.32	6.39	7.12	7.03	7.09	7.29	7.19	7.24
21	6.19	5.95	6.11	6.57	6.40	6.47	7.06	6.95	7.00	7.27	7.18	7.23
22	6.14	5.95	6.04	6.65	6.51	6.58	7.01	6.92	6.96	7.27	7.17	7.22
23	6.10	6.02	6.06	6.67	6.57	6.62	7.03	6.90	6.95	7.26	7.20	7.22
24	6.04	5.98	6.02	6.66	6.47	6.58	7.16	7.00	7.09	7.25	7.20	7.22
25	6.07	5.95	6.00	6.47	6.39	6.43	7.25	7.14	7.18	7.26	7.17	7.21
26	6.20	6.03	6.10	6.50	6.37	6.43	7.24	7.18	7.21	7.35	7.21	7.27
27	6.23	6.15	6.18	6.56	6.48	6.51	7.23	7.15	7.19	7.36	7.28	7.32
28	6.20	6.12	6.17	6.64	6.52	6.59	7.29	7.19	7.23	7.35	7.26	7.30
29	6.16	6.09	6.12	6.70	6.59	6.64	7.25	7.19	7.22	7.37	7.25	7.31
30	6.17	6.07	6.11	6.76	6.64	6.69	7.28	7.17	7.22	7.37	7.23	7.30
31	---	---	---	6.78	6.66	6.71	7.35	7.21	7.27	---	---	---
<b>Month</b>	---	---	---	6.78	6.11	6.38	---	---	---	7.77	6.95	7.30

