







## Equus Beds Groundwater Management District No. 2

Hutchinson Weather Station #1129

620-664-5171

APRIL	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (grass) (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
04/01/2007	71.5	47.95	0	46.62	8.06		0.21	0	0	0	0	0	0	0	0	0
04/02/2007	81.7	50.5	0	63.96	10.68		0.21	0	0	0	0	0	0	0	0	0
04/03/2007	67.7	37.5	0	69.03	15.52		0.21	0	0	0	0	0	0	0	0	0
04/04/2007	46.8	30.25	0	65.59	7.6		0.16	0	0	0	0	0	0	0	0	0
04/05/2007	35.6	27.39	0	85.5	7.53		0.04	0	0	0	0	0	0	0	0	0
04/06/2007	34.3	24.87	0.01	76.9	12.51		0.18	0	0	0	0	0	0	0	0	0
04/07/2007	37.1	20.53	0	60.85	9.05		0.22	0	0	0	0	0	0	0	0	0
04/08/2007	41.8	20.66	0	63.72	3.67		0.11	0	0	0	0	0	0	0	0	0
04/09/2007	48.4	35.46	0	71.3	10.17		0.12	0	0	0	0	0	0	0	0	0
04/10/2007	50.0	41.46	0.14	88.9	9.13		0.02	0	0	0	0	0	0	0	0	0
04/11/2007	58.2	35.82	0	67.24	14.12	520.4	0.17	0	0	0	0	0	0	35.78	0	0
04/12/2007	48.9	29.19	0	71.7	6.66	394.4	0.15	0	0	0	0	0	0	18.01	0	0
04/13/2007	44.3	31.84	0.83	93.8	12.37	39.2	0.01	0	0	0	0	0	0	29.92	0	0
04/14/2007	53.8	31.72	0.32	86.6	7.56	528.6	0.16	0	0	0	0	0	0	20.69	0	0
04/15/2007	64.3	30.88	0	67.88	6.42	677.3	0.24	0	0	0	0	0	0	17.17	0	0
04/16/2007	69.9	42.42	0	57.98	9.63	677.3	0.24	0	0	0	0	0	0	23.54	0	0
04/17/2007	60.2	45.56	0.17	89.4	4.31	192	0.08	0	0	0	0	0	0	15.66	0	0
04/18/2007	68.3	41.1	0.01	80.7	3.44	625.7	0.22	0	0	0	0	0	0	11.3	0	0
04/19/2007	71.9	47.6	0	77.8	11.35	578.2	0.19	0	0	0	0	0	0	30.92	0	0
04/20/2007	76.6	58.78	0	79.2	16.4	551.3	0.17	0	0	0	0	0	0	29.58	0	0
04/21/2007	75.5	57.45	0	72.8	17.93	642.2	0.23	0	0	0	0	0	0	32.93	0	0
04/22/2007	73.7	52.76	0.01	69.4	14.67	574.1	0.21	0	0	0	0	0	0	32.6	0	0
04/23/2007	72.2	46.28	0	75.7	10.43	485.3	0.2	0	0	0	0	0	0	25.89	0	0
04/24/2007	75.2	54.92	0	90.4	14.84	349	0.11	0	0	0	0	0	0	26.56	0	0
04/25/2007	56.1	45.68	0.01	94.9	12.33	121.8	0.04	0	0	0	0	0	0	23.04	0	0
04/26/2007	64.9	44.47	0	72.3	10.57	547.2	0.18	0	0	0	0	0	0	20.69	0	0
04/27/2007	71.1	46.4	0	71.5	8.38	565.8	0.21	0	0	0	0	0	0	22.7	0	0
04/28/2007	81	42.42	0	62.9	4.63	695.9	0.25	0	0	0	0	0	0	13.31	0	0
04/29/2007	83	50.74	0	60.2	8.84	689.7	0.25	0	0	0	0	0	0	23.21	0	0
04/30/2007	79	57.33	0	80	8.92	512.1	0.17	0	0	0	0	0	0	21.7	0	0

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MAY	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
05/01/2007	69.7	57.1	1.05	95.9	4.48	229.2	0.08	0	0	0	0	0	0	15.83	0	0
05/02/2007	63.8	57	0.03	93.1	7.73	214.8	0.08	0	0	0	0	0	0	17	0	0
05/03/2007	72.4	58.6	0	94.1	4.7	282.9	0.1	0	0	0	0	0	0	11.3	0	0
05/04/2007	80.4	61.3	0	91	13.76	413	0.15	0	0	0	0	0	0	29.58	0	0
05/05/2007	77.6	69.9	0	87.2	20.12	243.7	0.09	0	0	0	0	0	0	37.8	0	0
05/06/2007	74.4	59.6	2.27	95.5	10.35	68.1	0.02	0	0	0	0	0	0	32.77	0	0
05/07/2007	69.7	58	0.15	95.4	5.86	237.5	0.08	0	0	0	0	0	0	19.18	0	0
05/08/2007	74.4	55.7	0	80.5	2.54	503.9	0.19	0	0	0	0	0	0	10.8	0	0
05/09/2007	76.8	59.7	0.02	86.9	304	435.7	0.16	0	0	0	0	0	0	9.62	0	0
05/10/2007	77.7	56.6	0.01	92	2.78	433.6	0.17	0	0	0	0	0	0	13.82	0	0
05/11/2007	81.1	56.4	0	76.6	4.96	679.4	0.25	0	0	0	0	0	0	13.48	0	0
05/12/2007	83.1	55.6	0	71.6	3.09	716.5	0.27	0	0	0	0	0	0	12.64	0	0
05/13/2007	83	60.5	0	72.1	7.8	710.3	0.26	0	0	0	0	0	0	19.85	0	0
05/14/2007	83.5	64.8	0	76.3	11.53	700	0.26	0	0	0	0	0	0	22.54	0	0
05/15/2007	71.6	49.5	1.01	78.9	13.12	586.4	0.22	0	0	0	0	0	0	29.24	0	0
05/16/2007	72.9	44.7	0	67.4	2.48	726.9	0.27	0	0	0	0	0	0	11.64	0	0
05/17/2007	72.5	53.1	0	70.4	6.68	648.4	0.24	0	0	0	0	0	0	14.99	0	0
05/18/2007	75.2	50.5	0	66.6	9.94	698	0.26	0	0	0	0	0	0	18.34	0	0
05/19/2007	74	51.9	0	78.2	10.1	621.6	0.23	0	0	0	0	0	0	23.54	0	0
05/20/2007	78.1	55.9	0	76.9	10.07	607.1	0.22	0	0	0	0	0	0	22.54	0	0
05/21/2007	78	60.1	0	77.7	14.68	530.7	0.19	0	0	0	0	0	0	29.75	0	0
05/22/2007	80.8	64.1	0	83.1	17.38	363.4	0.13	0	0	0	0	0	0	32.1	0	0
05/23/2007	77.8	61.3	4	92.3	10.58	169.3	0.07	0	0	0	0	0	0	28.57	0	0
05/24/2007	71.4	54	0.03	80.7	9.4	576.1	0.21	0	0	0	0	0	0	33.1	0	0
05/25/2007	71.4	52.1	0	88.6	3.9	503.9	0.19	0	0	0	0	0	0	16.16	0	0
05/26/2007	77.3	62.1	1.68	94.2	5.78	349	0.13	0	0	0	0	0	0	18.68	0	0
05/27/2007	76.2	60.8	0	91.3	4.59	402.7	0.15	0	0	0	0	0	0	16.67	0	0
05/28/2007	77.2	62.9	0	89.4	8.33	406.8	0.15	0	0	0	0	0	0	20.36	0	0
05/29/2007	79.7	63.6	0	85.1	12.57	468.7	0.17	0	0	0	0	0	0	24.21	0	0
05/30/2007	74.9	57.5	0.26	82.6	6.11	479.1	0.17	0	0	0	0	0	0	23.21	0	0
05/31/2007	81	54.7	1.51	75.2	6.6	679.4	0.26	0	0	0	0	0	0	23.37	0	0

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JUNE	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (grass) (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
06/01/2007	68.1	56.7	0.7	94.1	6.8	163.1	0.06	0	0	0	0	0	0	21.87	0	0
06/02/2007	80	52.4	0	74.3	5.05	722.7	0.27	0	0	0	0	0	0	20.02	0	0
06/03/2007	81.8	56.3	0	69.6	5.8	650.5	0.24	0	0	0	0	0	0	19.18	0	0
06/04/2007	83.2	58.1	0	67.9	5.62	702.1	0.26	0	0	0	0	0	0	20.02	0	0
06/05/2007	83.9	59	0	73.5	6.28	664.9	0.25	0	0	0	0	0	0	15.49	0	0
06/06/2007	87.9	66.3	0	64.1	18.42	631.9	0.23	0	0	0	0	0	0	42.66	0	0
06/07/2007	90.6	57.4	0	48.7	13.23	749.6	0.28	0	0	0	0	0	0	34.61	0	0
06/08/2007	74.6	48.7	0	51.9	5.56	782.6	0.29	0	0	0	0	0	0	19.85	0	0
06/09/2007	87.5	53.4	0	65.1	6.61	693.8	0.26	0	0	0	0	0	0	18.68	0	0
06/10/2007	83.9	64.5	0.15	83.9	7.48	522.4	0.19	0	0	0	0	0	0	31.09	0	0
06/11/2007	90.4	66.6	0	83.4	6.02	605	0.23	0	0	0	0	0	0	16.33	0	0
06/12/2007	91.6	71.8	0	80.3	8.69	541	0.2	0	0	0	0	0	0	22.87	0	0
06/13/2007	78.1	63.7	1.07	89.7	6.89	357.2	0.13	0	0	0	0	0	0	21.03	0	0
06/14/2007	81.1	63.8	0.06	85.3	4.72	460.5	0.17	0	0	0	0	0	0	15.66	0	0
06/15/2007	85.1	64.9	0.07	80.1	4.36	565.8	0.21	0	0	0	0	0	0	21.7	0	0
06/16/2007	84.6	63	0	77.2	4.2	594.7	0.22	0	0	0	0	0	0	16.67	0	0
06/17/2007	82.9	67.4	0	83.1	10.87	572	0.21	0	0	0	0	0	0	25.22	0	0
06/18/2007	85.9	68.9	0	86	8.68	377.9	0.13	0	0	0	0	0	0	18.68	0	0
06/19/2007	86.9	66.7	0	83.8	6.48	592.6	0.22	0	0	0	0	0	0	20.69	0	0
06/20/2007	87.6	65.7	0	73.8	6.89	698	0.26	0	0	0	0	0	0	17.67	0	0
06/21/2007	86.9	67.4	0	78	9.01	638.1	0.24	0	0	0	0	0	0	21.36	0	0
06/22/2007	87.7	65.6	0	79.9	6.84	458.4	0.17	0	0	0	0	0	0	18.01	0	0
06/23/2007	90.7	65.3	0.05	77.1	4.09	594.7	0.22	0	0	0	0	0	0	23.54	0	0
06/24/2007	92	64.8	0	69.5	4.98	733.1	0.27	0	0	0	0	0	0	16	0	0
06/25/2007	89.8	68.4	0	76.1	10.34	675.2	0.25	0	0	0	0	0	0	22.37	0	0
06/26/2007	79.2	71	0.12	91.1	7.39	247.8	0.1	0	0	0	0	0	0	16.83	0	0
06/27/2007	78.2	68.8	2.24	97.1	8.77	200.3	0.08	0	0	0	0	0	0	18.51	0	0
06/28/2007	72.5	63.2	0	83	9.68	243.7	0.09	0	0	0	0	0	0	21.03	0	0
06/29/2007	71.8	61.6	0.13	93.7	8.38	119.8	0.04	0	0	0	0	0	0	16.67	0	0
06/30/2007	72	65.3	0.14	97.2	10.29	167.3	0.06	0	0	0	0	0	0	21.87	0	0

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JULY	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
07/01/2007	78.3	65.4	0.02	93.9	8.65	208.6	0.08	0	0	0	0	0	0	18.68	0	0
07/02/2007	83.8	68.3	0	87.8	5.6	357.2	0.13	0	0	0	0	0	0	13.65	0	0
07/03/2007	87.3	69	0	85	5.96	460.5	0.17	0	0	0	0	0	0	16.16	0	0
07/04/2007	88.8	68.1	0.1	85.6	5.01	369.6	0.14	0	0	0	0	0	0	27.23	0	0
07/05/2007	90.2	68.1	0	70.8	4.44	681.4	0.25	0	0	0	0	0	0	15.16	0	0
07/06/2007	91.1	64.6	0	67.9	3.28	704.2	0.26	0	0	0	0	0	0	12.14	0	0
07/07/2007	94.2	66.1	0	61.8	6.26	720.7	0.27	0	0	0	0	0	0	17.51	0	0
07/08/2007	95.3	67.2	0	67.7	9.36	731	0.27	0	0	0	0	0	0	22.03	0	0
07/09/2007	89.5	67.9	0.37	82.6	5.11	427.4	0.16	0	0	0	0	0	0	25.89	0	0
07/10/2007	89.5	64.7	0	73.8	4.98	693.8	0.26	0	0	0	0	0	0	19.01	0	0
07/11/2007	80.9	62.2	0	75.3	4.78	423.3	0.15	0	0	0	0	0	0	16.67	0	0
07/12/2007	82.9	65.2	0.1	83.1	5.92	613.3	0.23	0	0	0	0	0	0	29.75	0	0
07/13/2007	85.6	68.2	0.01	78	4.45	576.1	0.21	0	0	0	0	0	0	14.49	0	0
07/14/2007	93.5	65.5	0	71.5	3.77	687.6	0.26	0	0	0	0	0	0	14.15	0	0
07/15/2007	94.6	67.5	0	66.7	4.06	712.4	0.27	0	0	0	0	0	0	14.32	0	0
07/16/2007	94.8	70.6	0	64	6.65	642.2	0.24	0	0	0	0	0	0	19.85	0	0
07/17/2007	94.1	69.6	0	62.9	9.06	712.4	0.26	0	0	0	0	0	0	25.55	0	0
07/18/2007	95.3	71.1	0	63.9	12.5	702.1	0.26	0	0	0	0	0	0	25.39	0	0
07/19/2007	92	72.1	0	67.9	9.47	522.4	0.19	0	0	0	0	0	0	19.18	0	0
07/20/2007	92.1	72.9	0.13	74.5	6.3	596.8	0.22	0	0	0	0	0	0	16.67	0	0
07/21/2007	93.4	71.4	0	70.8	6.39	640.1	0.23	0	0	0	0	0	0	19.85	0	0
07/22/2007	94.1	70.7	0	72.1	6.81	640.1	0.24	0	0	0	0	0	0	17.84	0	0
07/23/2007	90.9	71.3	0	78.9	7.24	481.1	0.18	0	0	0	0	0	0	25.22	0	0
07/24/2007	90.4	67.5	0	74.8	5.96	638.1	0.24	0	0	0	0	0	0	14.82	0	0
07/25/2007	90.1	70.1	0	71.3	9.31	565.8	0.21	0	0	0	0	0	0	19.52	0	0
07/26/2007	93.1	66	0	61.4	8.56	671.1	0.25	0	0	0	0	0	0	20.69	0	0
07/27/2007	94.5	69.2	0	63.1	6.89	646.3	0.24	0	0	0	0	0	0	20.19	0	0
07/28/2007	95.9	68.4	0	69	5.15	592.6	0.22	0	0	0	0	0	0	16.16	0	0
07/29/2007	93.7	70.5	0	79.3	5.15	495.6	0.19	0	0	0	0	0	0	22.2	0	0
07/30/2007	84.3	69.9	0.01	89.2	7.04	400.6	0.15	0	0	0	0	0	0	19.69	0	0
07/31/2007	88.9	69.7	0.09	82.1	5.79	596.8	0.22	0	0	0	0	0	0	23.71	0	0

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AUGUST	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (grass) (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
08/01/2007	90.5	71.7	0	82.6	6.53	567.9	0.21	0	0	0	0	0	0	17.34	0	0
08/02/2007	91.7	69.7	0	77.8	3.61	545.1	0.21	0	0	0	0	0	0	16.33	0	0
08/03/2007	93.1	71.7	0	71.7	5.59	584.4	0.21	0	0	0	0	0	0	17	0	0
08/04/2007	95.2	73.2	0	64.8	12.43	619.5	0.23	0	0	0	0	0	0	26.56	0	0
08/05/2007	99.2	76.1	0	59	13.21	633.9	0.23	0	0	0	0	0	0	24.72	0	0
08/06/2007	100.3	75.3	0	59.5	13.26	658.7	0.24	0	0	0	0	0	0	26.06	0	0
08/07/2007	102.8	74.2	0	59	11.06	648.4	0.24	0	0	0	0	0	0	24.38	0	0
08/08/2007	102.7	69.6	1.85	63.2	11.61	611.2	0.23	0	0	0	0	0	0	34.28	0	0
08/09/2007	93.3	70.7	0	78.5	7.1	662.9	0.24	0	0	0	0	0	0	16.16	0	0
08/10/2007	98.6	73.3	0	62.4	6.63	658.7	0.24	0	0	0	0	0	0	18.01	0	0
08/11/2007	98.9	70	0	60.8	8.04	669	0.25	0	0	0	0	0	0	20.86	0	0
08/12/2007	100.1	72.5	0	62.7	6.42	650.5	0.24	0	0	0	0	0	0	17.84	0	0
08/13/2007	100.5	71	0	53.4	6.83	636	0.23	0	0	0	0	0	0	18.18	0	0
08/14/2007	99.6	70.6	0	53.5	7.16	613.3	0.23	0	0	0	0	0	0	20.69	0	0
08/15/2007	100.5	71.9	0	42	8.82	664.9	0.25	0	0	0	0	0	0	23.88	0	0
08/16/2007	100.2	72.8	0	53.7	6.81	559.6	0.21	0	0	0	0	0	0	17.34	0	0
08/17/2007	94.4	70.9	0	62.2	6.72	567.9	0.21	0	0	0	0	0	0	20.86	0	0
08/18/2007	87.7	72.9	0	83.1	8.55	299.4	0.11	0	0	0	0	0	0	28.91	0	0
08/19/2007	88.7	73.3	0	82.2	4.49	460.5	0.17	0	0	0	0	0	0	13.48	0	0
08/20/2007	98.5	74.1	0	72.6	9.86	609.2	0.23	0	0	0	0	0	0	30.75	0	0
08/21/2007	93.5	70.5	0	67.4	9.49	588.5	0.22	0	0	0	0	0	0	27.57	0	0
08/22/2007	93.4	73.7	0	63.5	14.93	590.6	0.22	0	0	0	0	0	0	30.75	0	0
08/23/2007	94.1	72.7	0.01	66.9	15.7	520.4	0.19	0	0	0	0	0	0	30.75	0	0
08/24/2007	77.8	67.7	0.21	94.7	4.84	206.5	0.08	0	0	0	0	0	0	21.87	0	0
08/25/2007	86	66.7	0	84.4	4.77	551.3	0.2	0	0	0	0	0	0	15.49	0	0
08/26/2007	94.8	71.7	0	72.3	11.87	598.8	0.22	0	0	0	0	0	0	26.06	0	0
08/27/2007	95.3	73	0	61.3	12.33	613.3	0.23	0	0	0	0	0	0	25.55	0	0
08/28/2007	95.3	72.4	0	55.8	10.6	569.9	0.21	0	0	0	0	0	0	28.07	0	0
08/29/2007	79.9	70.6	0.12	81	6.74	353.1	0.13	0	0	0	0	0	0	16.5	0	0
08/30/2007	82.7	66.7	0	74.5	5.15	431.6	0.16	0	0	0	0	0	0	16.16	0	0
08/31/2007	87.4	62.2	0	61.9	4.06	563.7	0.2	0	0	0	0	0	0	15.16	0	0

## Equus Beds Groundwater Management District No. 2

Hutchinson Weather Station #1129

620-664-5171

SEPTEMBER	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (grass) (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
09/01/2007	87.9	57.9	0	53.6	4.8	607.1	0.22	0	0	0	0	0	0	16	0	0
09/02/2007	90.3	56.6	0	51.9	4.63	600.9	0.22	0	0	0	0	0	0	15.16	0	0
09/03/2007	90.2	56.7	0	53	4.91	594.7	0.22	0	0	0	0	0	0	17.51	0	0
09/04/2007	90.5	61.4	0	65.5	7.81	499.7	0.18	0	0	0	0	0	0	26.39	0	0
09/05/2007	86.8	68.9	0	73.9	11.56	499.7	0.18	0	0	0	0	0	0	24.72	0	0
09/06/2007	95	70.1	0	69.1	12.75	421.3	0.15	0	0	0	0	0	0	32.6	0	0
09/07/2007	82.6	67.1	0.53	75.4	5.88	311.8	0.11	0	0	0	0	0	0	20.19	0	0
09/08/2007	85.3	64.3	0	75.7	4.8	452.2	0.16	0	0	0	0	0	0	12.98	0	0
09/09/2007	72.1	57.5	0	83.5	7.39	280.8	0.11	0	0	0	0	0	0	19.69	0	0
09/10/2007	62.5	51.3	0.04	90.7	8.31	90.9	0.03	0	0	0	0	0	0	22.37	0	0
09/11/2007	80.4	45.8	0	71.5	2.8	567.9	0.2	0	0	0	0	0	0	11.97	0	0
09/12/2007	81.2	51.5	0	61.2	6.46	518.3	0.18	0	0	0	0	0	0	23.88	0	0
09/13/2007	86.7	57.9	0	64.8	8.75	514.2	0.18	0	0	0	0	0	0	21.87	0	0
09/14/2007	64.7	57.8	0	47	9.03	285	0.1	0	0	0	0	0	0	21.87	0	0
09/15/2007	66.1	50.1	0.1	61.4	10.14	282.9	0.1	0	0	0	0	0	0	27.9	0	0
09/16/2007	93.9	54.7	0	62.7	11.95	431.6	0.15	0	0	0	0	0	0	29.92	0	0
09/17/2007	88.1	68.2	0.26	63.7	15.75	454.3	0.16	0	0	0	0	0	0	37.46	0	0
09/18/2007	82.6	66.1	0.39	83.7	9.49	218.9	0.08	0	0	0	0	0	0	23.88	0	0
09/19/2007	84.9	65.2	0	78.1	6.07	295.3	0.1	0	0	0	0	0	0	15.83	0	0
09/20/2007	87.7	69.2	0	70	11.15	452.2	0.16	0	0	0	0	0	0	23.54	0	0
09/21/2007	92.3	67.4	0	65	9.28	437.8	0.16	0	0	0	0	0	0	24.55	0	0
09/22/2007	88	63.2	0	61.7	9.18	464.6	0.16	0	0	0	0	0	0	18.34	0	0
09/23/2007	86.5	66.7	0	66.2	10.84	485.3	0.17	0	0	0	0	0	0	27.23	0	0
09/24/2007	88.8	69.1	0	64.3	13.56	404.7	0.14	0	0	0	0	0	0	29.24	0	0
09/25/2007	75.5	53.4	0	70.1	9.53	448.1	0.16	0	0	0	0	0	0	28.41	0	0
09/26/2007	78.6	49.8	0	63.2	2.7	477	0.17	0	0	0	0	0	0	13.48	0	0
09/27/2007	85.8	50.7	0	59.4	3.54	487.3	0.17	0	0	0	0	0	0	16.5	0	0
09/28/2007	86.1	53.3	0	47.1	10.72	359.3	0.13	0	0	0	0	0	0	26.56	0	0
09/29/2007	84.5	65.2	0	52.3	17.29	384.1	0.14	0	0	0	0	0	0	34.44	0	0
09/30/2007	80.8	51.1	0	58.5	13.38	371.7	0.13	0	0	0	0	0	0	31.59	0	0

## Equus Beds Groundwater Management District No. 2

Hutchinson Weather Station #1129

620-664-5171

OCTOBER	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
10/01/2007	83.4	44.4	0	59.6	7.08	472.9	0.16	0	0	0	0	0	0	23.37	0	0
10/02/2007	82.2	52.5	0.13	64.3	10.73	394.4	0.14	0	0	0	0	0	0	27.4	0	0
10/03/2007	81	46.4	0	57.6	5.64	466.7	0.16	0	0	0	0	0	0	18.51	0	0
10/04/2007	89.2	61	0	69.2	15.18	384.1	0.13	0	0	0	0	0	0	35.11	0	0
10/05/2007	90.9	70	0	57.5	17.14	404.7	0.14	0	0	0	0	0	0	33.44	0	0
10/06/2007	86.3	70.1	0	75.1	14.74	297.4	0.1	0	0	0	0	0	0	28.74	0	0
10/07/2007	89.6	53.8	0.15	73.2	12.48	396.5	0.13	0	0	0	0	0	0	27.23	0	0
10/08/2007	72.2	49.7	0.28	75.2	5.95	441.9	0.16	0	0	0	0	0	0	19.35	0	0
10/09/2007	84	47.6	0	65.4	2.24	444	0.15	0	0	0	0	0	0	11.97	0	0
10/10/2007	71.8	51.3	0	63.3	5.86	429.5	0.15	0	0	0	0	0	0	16.16	0	0
10/11/2007	70.8	45.8	0	63.3	7.09	408.9	0.14	0	0	0	0	0	0	19.18	0	0
10/12/2007	68.5	51.6	0.14	76.4	10.09	142.5	0.04	0	0	0	0	0	0	23.71	0	0
10/13/2007	82.6	60.7	0	64.6	13.68	309.7	0.1	0	0	0	0	0	0	26.06	0	0
10/14/2007	69.8	55.9	0.73	83.7	9.5	80.5	0.03	0	0	0	0	0	0	26.56	0	0
10/15/2007	56.3	47.5	0	79.1	8.71	105.3	0.04	0	0	0	0	0	0	21.03	0	0
10/16/2007	70.3	41.2	0	76.8	9.62	392.3	0.14	0	0	0	0	0	0	27.06	0	0
10/17/2007	64.6	54.1	0.72	88.2	12.47	109.4	0.04	0	0	0	0	0	0	31.09	0	0
10/18/2007	63.4	49.7	0	65.8	9.13	163.1	0.06	0	0	0	0	0	0	28.41	0	0
10/19/2007	73.9	42.4	0	51	6.31	394.4	0.13	0	0	0	0	0	0	18.85	0	0
10/20/2007	83.8	52.5	0	48.3	13.52	386.1	0.13	0	0	0	0	0	0	32.1	0	0
10/21/2007	69.5	47.2	0.01	63.5	15.33	206.5	0.07	0	0	0	0	0	0	31.26	0	0
10/22/2007	57.2	37.6	0.01	65.9	11.91	200.3	0.06	0	0	0	0	0	0	28.07	0	0
10/23/2007	69.7	34	0	58	5.71	382	0.13	0	0	0	0	0	0	21.53	0	0
10/24/2007	62	40.2	0	57.3	7.88	380	0.13	0	0	0	0	0	0	20.36	0	0
10/25/2007	61.9	32.8	0	62.8	2.97	382	0.13	0	0	0	0	0	0	18.51	0	0
10/26/2007	63.1	29.9	0	71	1.56	353.1	0.12	0	0	0	0	0	0	8.62	0	0
10/27/2007	57.9	38.1	0	66.4	6.25	344.8	0.11	0	0	0	0	0	0	21.03	0	0
10/28/2007	62.6	33.3	0	69.4	4.85	336.6	0.11	0	0	0	0	0	0	16	0	0
10/29/2007	72.6	44.1	0	68.8	8.5	351	0.11	0	0	0	0	0	0	20.52	0	0
10/30/2007	74.4	48.5	0	64.4	14.13	324.2	0.1	0	0	0	0	0	0	31.09	0	0
10/31/2007	57.9	35.7	0	52.5	10.89	280.8	0.09	0	0	0	0	0	0	33.27	0	0

## Equus Beds Groundwater Management District No. 2

Hutchinson Weather Station #1129

620-664-5171

NOVEMBER	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (grass) (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
11/01/2007	58.4	27.2	0	53.6	5.02	361.4	0.12	0	0	0	0	0	0	17.34	0	0
11/02/2007	60.6	35.5	0	52.4	5.79	303.5	0.1	0	0	0	0	0	0	23.71	0	0
11/03/2007	62.7	28.1	0	53.3	4.69	313.9	0.1	0	0	0	0	0	0	19.18	0	0
11/04/2007	76.9	33.1	0	67.6	4.22	336.6	0.11	0	0	0	0	0	0	17.51	0	0
11/05/2007	55.7	37.4	0	51.1	10.88	338.7	0.11	0	0	0	0	0	0	34.44	0	0
11/06/2007	49	26.9	0	49.8	3.98	336.6	0.11	0	0	0	0	0	0	12.47	0	0
11/07/2007	61	30.7	0	47.2	8.77	334.5	0.11	0	0	0	0	0	0	29.58	0	0
11/08/2007	68.5	30.2	0	61.8	2.21	324.2	0.1	0	0	0	0	0	0	11.13	0	0
11/09/2007	71.3	35.3	0	55.6	5.15	320.1	0.1	0	0	0	0	0	0	16.5	0	0
11/10/2007	64.5	42.9	0	75.2	9.32	208.6	0.07	0	0	0	0	0	0	21.7	0	0
11/11/2007	76.7	58.2	0	77.3	10.81	289.1	0.09	0	0	0	0	0	0	23.71	0	0
11/12/2007	62.8	43.4	0	63.7	7.06	76.4	0.03	0	0	0	0	0	0	21.53	0	0
11/13/2007	68.6	31.6	0	56.8	6.01	303.5	0.1	0	0	0	0	0	0	22.7	0	0
11/14/2007	55.6	38	0	34.1	14.25	169.3	0.05	0	0	0	0	0	0	30.92	0	0
11/15/2007	54.9	26.1	0	35.6	7.6	315.9	0.1	0	0	0	0	0	0	19.18	0	0
11/16/2007	66.5	34	0	36.6	7.22	307.7	0.1	0	0	0	0	0	0	17.51	0	0
11/17/2007	70.9	33.2	0	48.2	1.86	272.6	0.09	0	0	0	0	0	0	8.28	0	0
11/18/2007	77.5	39.8	0	46.6	5.39	245.7	0.08	0	0	0	0	0	0	19.52	0	0
11/19/2007	81.7	50.1	0	62.2	9.92	262.2	0.08	0	0	0	0	0	0	23.21	0	0
11/20/2007	66	41.3	0	79.9	14.31	221	0.07	0	0	0	0	0	0	26.06	0	0
11/21/2007	42.4	24.9	0	68.3	16.69	68.1	0.02	0	0	0	0	0	0	34.28	0	0
11/22/2007	37.7	16.8	0	66.3	6.15	278.8	0.09	0	0	0	0	0	0	20.36	0	0
11/23/2007	34.6	13.1	0	81.4	5.04	134.2	0.05	0	0	0	0	0	0	14.49	0	0
11/24/2007	37.7	25.2	0.08	90.7	3.25	171.4	0.05	0	0	0	0	0	0	10.63	0	0
11/25/2007	45.8	20.5	0	81.5	3.66	245.7	0.07	0	0	0	0	0	0	15.49	0	0
11/26/2007	48.8	24.4	0	72.6	5.12	247.8	0.07	0	0	0	0	0	0	17.67	0	0
11/27/2007	56.4	23.2	0	62.5	11.08	251.9	0.08	0	0	0	0	0	0	32.1	0	0
11/28/2007	49.8	23.8	0	53.8	11.79	163.1	0.05	0	0	0	0	0	0	36.46	0	0
11/29/2007	47.9	17.5	0	56	7.16	247.8	0.07	0	0	0	0	0	0	27.57	0	0
11/30/2007	35.3	25.1	0	54.9	10.72	132.2	0.04	0	0	0	0	0	0	24.05	0	0

## Equus Beds Groundwater Management District No. 2

Hutchinson Weather Station #1129

620-664-5171

DECEMBER	Max Air Temp (°F)	Min Air Temp (°F)	Total Precip (in)	Avg RH (%)	Avg Wind Speed (mph)	Solar Radiation (langley)	ET (in)	Max 2" Soil Temp (°F)	Min 2" Soil Temp (°F)	Max 4" Soil Temp (°F)	Min 4" Soil Temp (°F)	Max RH (%)	Min RH (%)	Max Wind Speed (mph)	Wind Vector Speed (mph)	Vector Direction (°)
12/01/2007	63.9	32.5	0.06	90.9	16.57	20.6	0	0	0	0	0	0	0	36.79	0	0
12/02/2007	40.5	20.8	0	74.5	12.54	239.5	0.07	0	0	0	0	0	0	32.43	0	0
12/03/2007	52.5	20.3	0	60.6	8.01	247.8	0.07	0	0	0	0	0	0	28.24	0	0
12/04/2007	68.4	31.5	0	50	4.43	227.1	0.06	0	0	0	0	0	0	14.32	0	0
12/05/2007	48.3	23.7	0	68.6	9.68	225.1	0.06	0	0	0	0	0	0	31.42	0	0
12/06/2007	34.5	24.6	0.01	87.2	7.32	57.8	0.02	0	0	0	0	0	0	19.85	0	0
12/07/2007	32.8	29.4	0	92.4	9.12	43.4	0.01	0	0	0	0	0	0	19.18	0	0
12/08/2007	30	16.9	0	96.8	3.16	28.9	0.01	0	0	0	0	0	0	17.17	0	0
12/09/2007	21.3	15.9	0	93	0.4	82.6	0.03	0	0	0	0	0	0	0.4	0	0
12/10/2007	31.5	19.5	1.13	95.8	0.4	90.9	0.03	0	0	0	0	0	0	0.4	0	0
12/11/2007	31.8	25.1	0.46	98.7	0.4	31	0.01	0	0	0	0	0	0	0.4	0	0
12/12/2007	30.6	24.5	0	95	0.4	78.5	0.03	0	0	0	0	0	0	0.4	0	0
12/13/2007	39	22.5	0	96.2	0.52	183.8	0.06	0	0	0	0	0	0	5.6	0	0
12/14/2007	34.2	24.6	0	96.5	7.43	68.1	0.02	0	0	0	0	0	0	26.39	0	0
12/15/2007	29.2	9.9	0	93.8	11.26	204.4	0.06	0	0	0	0	0	0	24.21	0	0
12/16/2007	31.5	0.3	0	83.1	4.92	282.9	0.09	0	0	0	0	0	0	13.48	0	0
12/17/2007	39.9	8.4	0	80.3	8.11	225.1	0.06	0	0	0	0	0	0	23.37	0	0
12/18/2007	38.8	19	0.01	79.9	3.95	239.5	0.07	0	0	0	0	0	0	13.31	0	0
12/19/2007	42.8	16	0	85.7	4.57	196.2	0.06	0	0	0	0	0	0	20.52	0	0
12/20/2007	44.1	24.9	0	80.4	4.82	233.3	0.07	0	0	0	0	0	0	14.15	0	0
12/21/2007	53.1	33.7	0	73.2	8.77	210.6	0.06	0	0	0	0	0	0	25.22	0	0
12/22/2007	36.5	18.1	0	80.7	18.93	57.8	0.02	0	0	0	0	0	0	44.84	0	0
12/23/2007	35.9	16.6	0.01	69.6	3.82	202.4	0.06	0	0	0	0	0	0	13.98	0	0
12/24/2007	45.1	20.2	0	76.3	5.45	239.5	0.07	0	0	0	0	0	0	18.34	0	0
12/25/2007	45.7	28.1	0	70.7	11.3	231.3	0.07	0	0	0	0	0	0	26.9	0	0
12/26/2007	33.9	22.7	0	89.4	10.65	76.4	0.03	0	0	0	0	0	0	24.05	0	0
12/27/2007	29.1	23.3	0	96.2	7.67	47.5	0.02	0	0	0	0	0	0	17.67	0	0
12/28/2007	24.8	14.3	0	93.8	7	225.1	0.07	0	0	0	0	0	0	17.84	0	0
12/29/2007	30.8	10.1	0	88.3	5.17	218.9	0.06	0	0	0	0	0	0	15.33	0	0
12/30/2007	38.6	5.7	0.02	78.7	3.55	225.1	0.07	0	0	0	0	0	0	15.49	0	0
12/31/2007	34.9	22.6	0	69.7	11.55	231.3	0.07	0	0	0	0	0	0	25.89	0	0