

Observations at 3-Hourly Intervals

Norman, OK

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
|-------------|---|---|---|---|----|----|----|------|------|----|----|----|----|----|----|----|--|-------------|---|---|---|---|----|----|----|------|------|----|----|----|----|----|----|----|--|
| 2/01 | | | | | | | | | | | | | | | | | | 2/05 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 44 | 44 | 99 | 1701 | 2988 | | | | | | | | | 00 | | | | | 26 | 18 | 70 | 0309 | 3046 | | | | | | | | |
| 03 | | | | | 45 | 45 | 99 | 0000 | 2985 | | | | | | | | | 03 | | | | | 25 | 13 | 61 | 0106 | 3048 | | | | | | | | |
| 06 | | | | | 46 | 45 | 99 | 2804 | 2986 | | | | | | | | | 06 | | | | | 21 | 14 | 73 | 0203 | 3051 | | | | | | | | |
| 09 | | | | | 39 | 32 | 75 | 3111 | 3000 | | | | | | | | | 09 | | | | | 22 | 13 | 67 | 0203 | 3054 | | | | | | | | |
| 12 | | | | | 37 | 27 | 65 | 2908 | 3009 | | | | | | | | | 12 | | | | | 30 | 14 | 51 | 0000 | 3052 | | | | | | | | |
| 15 | | | | | 40 | 24 | 52 | | 3013 | | | | | | | | | 15 | | | | | 41 | 20 | 44 | 0000 | 3044 | | | | | | | | |
| 18 | | | | | 34 | 20 | 56 | | 3022 | | | | | | | | | 18 | | | | | 39 | 24 | 55 | 0000 | 3038 | | | | | | | | |
| 21 | | | | | 27 | 14 | 58 | | 3035 | | | | | | | | | 21 | | | | | 30 | 23 | 76 | 0000 | 3041 | | | | | | | | |
| 2/02 | | | | | | | | | | | | | | | | | | 2/06 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 23 | 11 | 61 | | 3040 | | | | | | | | | 00 | | | | | 29 | 23 | 80 | 2201 | 3040 | | | | | | | | |
| 03 | | | | | 19 | 8 | 62 | | 3044 | | | | | | | | | 03 | | | | | 27 | 22 | 82 | 0000 | 3038 | | | | | | | | |
| 06 | | | | | 17 | 8 | 67 | | 3043 | | | | | | | | | 06 | | | | | 26 | 22 | 84 | 0000 | 3034 | | | | | | | | |
| 09 | | | | | 19 | 9 | 64 | | 3047 | | | | | | | | | 09 | | | | | 34 | 26 | 74 | 2104 | 3033 | | | | | | | | |
| 12 | | | | | 29 | 13 | 52 | | 3044 | | | | | | | | | 12 | | | | | 50 | 33 | 51 | 2105 | 3027 | | | | | | | | |
| 15 | | | | | 37 | 16 | 42 | | 3033 | | | | | | | | | 15 | | | | | 59 | 34 | 39 | 2106 | 3015 | | | | | | | | |
| 18 | | | | | 36 | 19 | 50 | | 3031 | | | | | | | | | 18 | | | | | 55 | 36 | 48 | 1702 | 3010 | | | | | | | | |
| 21 | | | | | 32 | 20 | 61 | | 3033 | | | | | | | | | 21 | | | | | 47 | 36 | 67 | 1802 | 3010 | | | | | | | | |
| 2/03 | | | | | | | | | | | | | | | | | | 2/07 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 30 | 21 | 68 | | 3032 | | | | | | | | | 00 | | | | | 45 | 37 | 74 | 2001 | 3005 | | | | | | | | |
| 03 | | | | | 29 | 21 | 73 | | 3026 | | | | | | | | | 03 | | | | | 43 | 38 | 82 | 1501 | 2997 | | | | | | | | |
| 06 | | | | | 27 | 21 | 78 | | 3028 | | | | | | | | | 06 | | | | | 42 | 38 | 88 | 0000 | 2992 | | | | | | | | |
| 09 | | | | | 33 | 25 | 70 | | 3028 | | | | | | | | | 09 | | | | | 45 | 40 | 82 | 2203 | 2989 | | | | | | | | |
| 12 | | | | | 49 | 28 | 44 | | 3023 | | | | | | | | | 12 | | | | | 60 | 44 | 55 | 1903 | 2987 | | | | | | | | |
| 15 | | | | | 57 | 29 | 34 | | 3011 | | | | | | | | | 15 | | | | | 69 | 43 | 38 | 1901 | 2976 | | | | | | | | |
| 18 | | | | | 53 | 28 | 37 | 2101 | 3011 | | | | | | | | | 18 | | | | | 64 | 45 | 49 | 1802 | 2977 | | | | | | | | |
| 21 | | | | | 45 | 30 | 55 | 1703 | 3010 | | | | | | | | | 21 | | | | | 57 | 45 | 65 | 1602 | 2978 | | | | | | | | |
| 2/04 | | | | | | | | | | | | | | | | | | 2/08 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 39 | 29 | 66 | 2101 | 3010 | | | | | | | | | 00 | | | | | 52 | 46 | 81 | 0000 | 2975 | | | | | | | | |
| 03 | | | | | 36 | 30 | 79 | 0000 | 3005 | | | | | | | | | 03 | | | | | 48 | 45 | 90 | 0000 | 2973 | | | | | | | | |
| 06 | | | | | 34 | 32 | 90 | 0000 | 3000 | | | | | | | | | 06 | | | | | 42 | 41 | 97 | 0000 | 2979 | | | | | | | | |
| 09 | | | | | 38 | 36 | 92 | 0000 | 3003 | | | | | | | | | 09 | | | | | 47 | 42 | 84 | 0000 | 2987 | | | | | | | | |
| 12 | | | | | 45 | 41 | 85 | 0000 | 3008 | | | | | | | | | 12 | | | | | 66 | 38 | 35 | 0306 | 2991 | | | | | | | | |
| 15 | | | | | 44 | 36 | 74 | 0205 | 3013 | | | | | | | | | 15 | | | | | 76 | 34 | 22 | 0206 | 2988 | | | | | | | | |
| 18 | | | | | 31 | 25 | 78 | 0206 | 3030 | | | | | | | | | 18 | | | | | 72 | 34 | 25 | 0201 | 2991 | | | | | | | | |
| 21 | | | | | 29 | 22 | 76 | 0308 | 3040 | | | | | | | | | 21 | | | | | 57 | 38 | 49 | 0000 | 2998 | | | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
|-------------|---|---|---|---|----|----|----|------|------|----|----|----|----|----|----|----|--|-------------|---|---|---|---|----|----|----|------|------|----|----|----|----|----|----|----|--|
| 2/09 | | | | | | | | | | | | | | | | | | 2/13 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 50 | 38 | 63 | 0000 | 3004 | | | | | | | | | 00 | | | | | 34 | 19 | 55 | 0000 | 3036 | | | | | | | | |
| 03 | | | | | 44 | 37 | 76 | 0000 | 3007 | | | | | | | | | 03 | | | | | 32 | 20 | 60 | 0000 | 3033 | | | | | | | | |
| 06 | | | | | 45 | 36 | 72 | 0201 | 3012 | | | | | | | | | 06 | | | | | 33 | 22 | 63 | 0000 | 3028 | | | | | | | | |
| 09 | | | | | 51 | 39 | 62 | 0301 | 3017 | | | | | | | | | 09 | | | | | 41 | 27 | 57 | 2205 | 3027 | | | | | | | | |
| 12 | | | | | 63 | 42 | 45 | 3301 | 3017 | | | | | | | | | 12 | | | | | 58 | 28 | 32 | 2703 | 3024 | | | | | | | | |
| 15 | | | | | 68 | 38 | 33 | 0000 | 3010 | | | | | | | | | 15 | | | | | 66 | 31 | 27 | 0000 | 3018 | | | | | | | | |
| 18 | | | | | 64 | 38 | 38 | 1101 | 3007 | | | | | | | | | 18 | | | | | 62 | 28 | 28 | 0202 | 3020 | | | | | | | | |
| 21 | | | | | 56 | 39 | 52 | 1003 | 3008 | | | | | | | | | 21 | | | | | 54 | 28 | 37 | 0000 | 3024 | | | | | | | | |
| 2/10 | | | | | | | | | | | | | | | | | | 2/14 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 49 | 38 | 67 | 1101 | 3006 | | | | | | | | | 00 | | | | | 42 | 31 | 64 | 0000 | 3027 | | | | | | | | |
| 03 | | | | | 44 | 36 | 75 | 1102 | 3003 | | | | | | | | | 03 | | | | | 38 | 31 | 78 | 0000 | 3024 | | | | | | | | |
| 06 | | | | | 40 | 35 | 81 | 1101 | 3002 | | | | | | | | | 06 | | | | | 36 | 30 | 78 | 0000 | 3021 | | | | | | | | |
| 09 | | | | | 45 | 38 | 76 | 1102 | 3001 | | | | | | | | | 09 | | | | | 49 | 33 | 55 | 0000 | 3023 | | | | | | | | |
| 12 | | | | | 59 | 41 | 50 | 1805 | 2996 | | | | | | | | | 12 | | | | | 69 | 33 | 27 | 2701 | 3018 | | | | | | | | |
| 15 | | | | | 68 | 41 | 38 | 1902 | 2988 | | | | | | | | | 15 | | | | | 78 | 36 | 22 | 2302 | 3007 | | | | | | | | |
| 18 | | | | | 63 | 42 | 46 | 1102 | 2988 | | | | | | | | | 18 | | | | | 72 | 38 | 28 | 0000 | 3004 | | | | | | | | |
| 21 | | | | | 56 | 42 | 59 | 1103 | 2992 | | | | | | | | | 21 | | | | | 55 | 35 | 47 | 0507 | 3012 | | | | | | | | |
| 2/11 | | | | | | | | | | | | | | | | | | 2/15 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 50 | 39 | 66 | 0602 | 2998 | | | | | | | | | 00 | | | | | 45 | 29 | 54 | 0704 | 3013 | | | | | | | | |
| 03 | | | | | 46 | 37 | 71 | 0000 | 3000 | | | | | | | | | 03 | | | | | 39 | 26 | 60 | 0401 | 3011 | | | | | | | | |
| 06 | | | | | 44 | 37 | 75 | 0303 | 3008 | | | | | | | | | 06 | | | | | 32 | 17 | 54 | 0401 | 3010 | | | | | | | | |
| 09 | | | | | 47 | 37 | 68 | 3602 | 3018 | | | | | | | | | 09 | | | | | 32 | 16 | 52 | 0402 | 3012 | | | | | | | | |
| 12 | | | | | 52 | 38 | 59 | 0205 | 3025 | | | | | | | | | 12 | | | | | 42 | 23 | 46 | 0501 | 3008 | | | | | | | | |
| 15 | | | | | 48 | 34 | 60 | 0203 | 3028 | | | | | | | | | 15 | | | | | 45 | 25 | 45 | 0203 | 3000 | | | | | | | | |
| 18 | | | | | 44 | 28 | 52 | 0207 | 3032 | | | | | | | | | 18 | | | | | 40 | 17 | 40 | 0206 | 3004 | | | | | | | | |
| 21 | | | | | 40 | 25 | 55 | 0202 | 3038 | | | | | | | | | 21 | | | | | 33 | 18 | 55 | 0305 | 3011 | | | | | | | | |
| 2/12 | | | | | | | | | | | | | | | | | | 2/16 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 38 | 23 | 56 | 0301 | 3044 | | | | | | | | | 00 | | | | | 29 | 26 | 88 | 0204 | 3012 | | | | | | | | |
| 03 | | | | | 32 | 20 | 60 | 0301 | 3044 | | | | | | | | | 03 | | | | | 25 | 21 | 85 | 0105 | 3012 | | | | | | | | |
| 06 | | | | | 29 | 20 | 67 | 0000 | 3050 | | | | | | | | | 06 | | | | | 23 | 19 | 86 | 0206 | 3015 | | | | | | | | |
| 09 | | | | | 34 | 20 | 58 | 0305 | 3058 | | | | | | | | | 09 | | | | | 22 | 16 | 77 | 0205 | 3020 | | | | | | | | |
| 12 | | | | | 42 | 21 | 43 | 0302 | 3056 | | | | | | | | | 12 | | | | | 27 | 19 | 71 | 3502 | 3022 | | | | | | | | |
| 15 | | | | | 47 | 22 | 37 | 0000 | 3045 | | | | | | | | | 15 | | | | | 34 | 21 | 59 | 3404 | 3018 | | | | | | | | |
| 18 | | | | | 45 | 19 | 36 | 0000 | 3041 | | | | | | | | | 18 | | | | | 33 | 19 | 55 | 0502 | 3019 | | | | | | | | |
| 21 | | | | | 39 | 19 | 44 | 0000 | 3040 | | | | | | | | | 21 | | | | | 29 | 20 | 70 | 0000 | 3026 | | | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
|-------------|---|---|---|---|----|----|----|------|------|----|----|----|----|----|----|----|--|-------------|---|---|---|---|----|----|----|------|------|----|----|----|----|----|----|----|--|
| 2/17 | | | | | | | | | | | | | | | | | | 2/21 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 25 | 21 | 83 | 0000 | 3025 | | | | | | | | | 00 | | | | | 44 | 43 | 97 | 0204 | 2975 | | | | | | | | |
| 03 | | | | | 26 | 20 | 77 | 0000 | 3024 | | | | | | | | | 03 | | | | | 39 | 38 | 97 | 0205 | 2981 | | | | | | | | |
| 06 | | | | | 27 | 20 | 76 | 0000 | 3025 | | | | | | | | | 06 | | | | | 39 | 37 | 95 | 0206 | 2992 | | | | | | | | |
| 09 | | | | | 33 | 24 | 69 | 0000 | 3027 | | | | | | | | | 09 | | | | | 39 | 35 | 87 | 0202 | 2998 | | | | | | | | |
| 12 | | | | | 45 | 31 | 57 | 3002 | 3024 | | | | | | | | | 12 | | | | | 47 | 37 | 67 | 0303 | 3005 | | | | | | | | |
| 15 | | | | | 51 | 26 | 37 | 3006 | 3016 | | | | | | | | | 15 | | | | | 56 | 34 | 44 | 0304 | 3000 | | | | | | | | |
| 18 | | | | | 46 | 24 | 40 | 3004 | 3016 | | | | | | | | | 18 | | | | | 53 | 34 | 48 | 0603 | 3002 | | | | | | | | |
| 21 | | | | | 40 | 25 | 55 | 0102 | 3024 | | | | | | | | | 21 | | | | | 46 | 34 | 61 | 0701 | 3009 | | | | | | | | |
| 2/18 | | | | | | | | | | | | | | | | | | 2/22 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 31 | 18 | 59 | 0000 | 3027 | | | | | | | | | 00 | | | | | 43 | 34 | 71 | 0601 | 3014 | | | | | | | | |
| 03 | | | | | 26 | 18 | 72 | 0000 | 3026 | | | | | | | | | 03 | | | | | 43 | 31 | 62 | 0703 | 3014 | | | | | | | | |
| 06 | | | | | 28 | 20 | 72 | 0000 | 3029 | | | | | | | | | 06 | | | | | 41 | 33 | 74 | 0503 | 3025 | | | | | | | | |
| 09 | | | | | 34 | 22 | 60 | 0000 | 3037 | | | | | | | | | 09 | | | | | 33 | 27 | 79 | 0304 | 3038 | | | | | | | | |
| 12 | | | | | 42 | 15 | 33 | 0203 | 3039 | | | | | | | | | 12 | | | | | 27 | 20 | 72 | 0208 | 3043 | | | | | | | | |
| 15 | | | | | 44 | 17 | 33 | 0302 | 3036 | | | | | | | | | 15 | | | | | 25 | 16 | 70 | 0109 | 3044 | | | | | | | | |
| 18 | | | | | 40 | 15 | 35 | 0501 | 3036 | | | | | | | | | 18 | | | | | 24 | 16 | 70 | 0307 | 3052 | | | | | | | | |
| 21 | | | | | 33 | 13 | 43 | 0000 | 3041 | | | | | | | | | 21 | | | | | 23 | 15 | 70 | 0206 | 3060 | | | | | | | | |
| 2/19 | | | | | | | | | | | | | | | | | | 2/23 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 29 | 13 | 50 | 0000 | 3042 | | | | | | | | | 00 | | | | | 23 | 10 | 56 | 0306 | 3065 | | | | | | | | |
| 03 | | | | | 27 | 11 | 49 | 0000 | 3043 | | | | | | | | | 03 | | | | | 24 | 9 | 52 | 0305 | 3066 | | | | | | | | |
| 06 | | | | | 23 | 11 | 59 | 1002 | 3041 | | | | | | | | | 06 | | | | | 20 | 13 | 73 | 0308 | 3068 | | | | | | | | |
| 09 | | | | | 28 | 12 | 49 | 1303 | 3040 | | | | | | | | | 09 | | | | | 19 | 14 | 80 | 0305 | 3073 | | | | | | | | |
| 12 | | | | | 43 | 12 | 27 | 1503 | 3033 | | | | | | | | | 12 | | | | | 21 | 13 | 72 | 0304 | 3072 | | | | | | | | |
| 15 | | | | | 51 | 17 | 26 | 1803 | 3017 | | | | | | | | | 15 | | | | | 22 | 14 | 73 | 0202 | 3062 | | | | | | | | |
| 18 | | | | | 49 | 23 | 36 | 1102 | 3013 | | | | | | | | | 18 | | | | | 21 | 13 | 69 | 0304 | 3057 | | | | | | | | |
| 21 | | | | | 42 | 22 | 45 | 1002 | 3009 | | | | | | | | | 21 | | | | | 21 | 14 | 76 | 0000 | 3053 | | | | | | | | |
| 2/20 | | | | | | | | | | | | | | | | | | 2/24 | | | | | | | | | | | | | | | | | |
| 00 | | | | | 39 | 22 | 50 | 1103 | 3007 | | | | | | | | | 00 | | | | | 21 | 14 | 72 | 0000 | 3049 | | | | | | | | |
| 03 | | | | | 37 | 24 | 59 | 1401 | 3000 | | | | | | | | | 03 | | | | | 21 | 16 | 79 | 0000 | 3041 | | | | | | | | |
| 06 | | | | | 39 | 33 | 77 | 1402 | 2995 | | | | | | | | | 06 | | | | | 21 | 15 | 76 | 3201 | 3038 | | | | | | | | |
| 09 | | | | | 46 | 41 | 83 | 1304 | 2993 | | | | | | | | | 09 | | | | | 26 | 16 | 66 | 0000 | 3036 | | | | | | | | |
| 12 | | | | | 48 | 43 | 84 | 1502 | 2986 | | | | | | | | | 12 | | | | | 33 | 21 | 59 | 0000 | 3028 | | | | | | | | |
| 15 | | | | | 48 | 45 | 87 | 1002 | 2976 | | | | | | | | | 15 | | | | | 42 | 24 | 48 | 0000 | 3015 | | | | | | | | |
| 18 | | | | | 46 | 41 | 84 | 1103 | 2970 | | | | | | | | | 18 | | | | | 40 | 23 | 50 | 0000 | 3008 | | | | | | | | |
| 21 | | | | | 45 | 44 | 95 | 0000 | 2969 | | | | | | | | | 21 | | | | | 32 | 24 | 71 | 0000 | 3006 | | | | | | | | |

