|                            | TATION (  | Climatolog<br>Lake | gical)     |   |           |                      |   | (F         | Rive | er S | Stat | ion | ,   |
|----------------------------|---|--------------------|------------|---|-----------|----------------------|---|------------|------|------|------|-----|-----|
|                            | TATE<br><b>A</b>  | NTY<br>kinson      | L          |   |           |                      |   |            |      |      |      |     |     |
| T                          | ME (local   | ) OF OBS           | SERVATIO   | ON RIVER  | 2         |                      | PERATU  | RE PRECIPI |      |      |      |     |     |
| T                          | YPE OF F  | RIVER GA           | GE         | ELEVAT<br>GAGE ZE                               | RIVER     | FLOOD STAGE          |   |            |      |      |      |     |     |
|                            | TEN   | <b>IPERATU</b>     | JRE        |   |           |                      |   | L          |      |      |      | F   | PF  |
|                            |   |                    |            | 24 HR AI  | NO        |                      | AT OB   | D          | raw  | a si |      |     |     |
|                            | 24 HRS<br>A   | ENDING<br>T        |            | elted<br>c.<br>ths)                             | e         | hail<br>tenths)      | ce<br>hail<br><i>(in)</i>                               |            |      |      | (~~  |     | - ) |
| DATE                       | OBSER   | VATION             |            | Rain, melt<br>snow, etc<br>(in and<br>hundredth | Snow. ice | pellets,<br>(ins.and | Snow, ice<br>pellets, ha<br>ice on<br>ground <i>(ir</i> |            |      |      |      |     |     |
| D                          | MAX   | MIN                | AT<br>OBSN | Rain,<br>snow,<br><i>(in an</i><br><i>hundt</i> | Sn        | pel<br>(ins          | gro el su   | 1          | 2    | 3    | 4    | . 5 | 5   |
| 1                          | 74  | 63                 | 63         | 3.70  | 0         | . 0                  | 0   | ~          | ~    | ~    | ~    | ~   | Γ   |
| 2                          | 71  | 62                 | 62         | 0.10  | 0         | . 0                  | 0   |            |      |      |      |     | ſ   |
| 3                          | 70  | 62                 | М          | Т   | 0         | . 0                  | 0   |            |      |      |      |     | ſ   |
| 4                          | 73  | 47                 | 47         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | ſ   |
| 5                          | 78  | 47                 | 51         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | Γ   |
| 6                          | 75  | 51                 | 59         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | Γ   |
| 7                          | 69  | 59                 | 62         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | Γ   |
| 8                          | 72  | 58                 | 59         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | Γ   |
| 9                          | 82  | 59                 | 60         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | Γ   |
| 10                         | 72  | 60                 | М          | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | Γ   |
| 11                         | 63  | 46                 | 47         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | Γ   |
| 12                         | 72  | 45                 | 45         | 0.00  | 0         | . 0                  | 0   | 1 2 3 4 5  |      |      |      |     |     |
| 13                         | 69  | 45                 | 54         | 0.44  | 0         | . 0                  | 0   |            |      | ~    | 2    | ~   | ŀ   |
| 14                         | 70  | 42                 | 42         | 0.03  | 0         | . 0                  | 0   |            |      |      |      |     |     |
| 15                         | 54  | 40                 | 40         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     |     |
| 16                         | 55  | 36                 | 36         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     |     |
| 17                         | 64  | 36                 | 39         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     |     |
| 18                         | 69  | 37                 | 37         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     |     |
| 19                         | 75  | 37                 | 51         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     |     |
| 20                         | 74  | 50                 | 50         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | L   |
| 21                         | 55  | 41                 | 41         | 0.70  | 0         | . 0                  | 0   | ~          | ~    | ~    | ~    | ~   | ŀ   |
| 22                         | 47  | 35                 | 35         | 0.00  | 0         | . 0                  | 0   | 1          | 2    | 3    | 4    | 1 8 | 5   |
| 23                         | 49  | 31                 | 31         | 0.18  | 0         | . 0                  | 0   |            |      |      |      |     | L   |
| 24                         | 51  | 31                 | м          | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | L   |
| 25                         | 46  | 33                 | м          | 0.22  | 0         | . 0                  | 0   |            |      |      |      |     | L   |
| 26                         | 52  | 30                 | 39         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | L   |
| 27                         | 55  | 38                 | 47         | Т   | 0         | . 0                  | 0   |            |      |      |      | ~   | ŀ   |
| 28                         | 48  | 45                 | 45         | 1.38  | 0         | . 0                  | 0   | ~          | ~    | ~    | ~    | ~   | ŀ   |
| 29                         | 51  | 40                 | 40         | 0.15  | 0         | . 0                  | 0   |            |      |      |      |     | L   |
| 30                         | 55  | 33                 | 33         | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     | L   |
| 31                         | 59  | 33                 | м          | 0.00  | 0         | . 0                  | 0   |            |      |      |      |     |     |
| 63.5 44.3 SUM 6.90 CHEC    |   |                    |            |   |           |                      |   |            |      |      |      |     | CI  |
| CONDITION OF RIVER AT GAGE |   |                    |            |   |           |                      |   |            |      |      |      |     |     |
|                            | . Obstruc   |                    |            |   |           |                      | ow gage   |            |      |      |      |     | _   |
|                            | B. Frozen, but open at gage F. Shore ice<br>C. Upper surface smooth ice G. Floating ice |                    |            |   |           |                      |   |            |      |      |      |     |     |
|                            | D. Ice gorge above gage H. Pool stage   |                    |            |   |           |                      |   |            |      |      |      |     |     |
|                            | D. Ice gorge above gage H. Pool stage   |                    |            |   |           |                      |   |            |      |      |      |     |     |

| , if different)                       | nt) MONTH<br>Oct 2021<br>RIVER  |                  |          |        |        |        |                    |              |                  |      |                   |                                     |              | U.S. DEPARTMENT OF COMMERCE<br>(03-09)<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION<br>NATIONAL WEATHER SERVICE |               |        |   |      |                 |                  |                 |                  |                                 |   |
|---------------------------------------|---|------------------|----------|--------|--------|--------|--------------------|--------------|------------------|------|-------------------|-------------------------------------|--------------|---|---------------|--------|---|------|-----------------|------------------|-----------------|------------------|---------------------------------|---|
| PITATION<br>:00                       | 요즘 가지 않는 것 같아요. 그는 것 같아요. 이렇게 있는 것 같아요. 이렇게 가지 않는 것 같아요. 이렇게 하는 것 같아요. 이렇게 아무지 않는 것 않는 것 같아요. 이 않는 것 않는 것 같아요. 이 않는 것 않는 |                  |          |        |        |        |                    |              |                  |      |                   |                                     |              |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
| .00<br>E                              |   |                  |          |        |        |        |                    |              |                  |      |                   |                                     | _            | RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS   |               |        |   |      |                 |                  |                 |                  |                                 |   |
| RECIPITATI                            |   | J                |          |        |        |        |                    |              |                  |      |                   |                                     | -            | WEATHER (Observation Day) RIVER STAGE   |               |        |   |      |                 |                  |                 |                  | <b>F</b>                        |   |
| ine () thro                           |   |                  | irs p    | orecip | oitati | on v   | vas                | obsei        | rved,            | and  | l a wa            | avy li                              | ne           |   |               |        | occurri                                 |      |                 | nce              | $\neg$          |                  |                                 |   |
|                                       | rough hours precipitation probably occurred unobserved  |                  |          |        |        |        |                    |              |                  |      |                   | ts                                  |              |   |               | Б<br>Б | from                                    | c    | Gage<br>reading | ~                |                 |                  |                                 |   |
| A.M. NOON P.M.                        |   |                  |          |        |        |        | Fog<br>Ice pellets | e            | Jder             | Hail | Damaging<br>winds | Time of oc<br>if different<br>above | Idition      | at  | Tendency      |        |   |      |                 |                  |                 |                  |                                 |   |
| 6 7 8 9 10 11 1 2 3 4 5 6 7 8 9 10 11 |   |                  |          |        |        |        |                    |              | Glaz             |      |                   |                                     | Thur         | Conc  |               | AM     | REMARKS<br>(SPECIAL OBSERVATIONS, ETC.) |      |                 |                  |                 |                  |                                 |   |
|                                       |   | $\square$        | <u>′</u> |        | Ť      | Ť      |                    |              |                  |      |                   |                                     |              |   |               |        | х                                       |      |                 |                  |                 |                  |                                 | Thunderstorms with extremely heavy rain |
|                                       | $\square$   | $\vdash$         |          | -      | ╉      | ╈      | ╈                  | +            | $\left  \right $ | -    | ╞                 | ┢                                   | $\mathbb{H}$ |   |               |        | <u> </u>                                |      |                 |                  |                 |                  |                                 | Light rain, drizzle                     |
|                                       | $\square$   | $\left  \right $ |          | -      | ╉      | ╉      | ╋                  | ╉            | $\left  \right $ | +    | ╋                 | ╀                                   | $\mathbb{H}$ |   |               |        |   |      |                 |                  |                 |                  |                                 | Sprinkles, drizzle                      |
| $\left  \right $                      |   |                  |          | -      | ╉      | ╋      | ╋                  | +            | $\left  \right $ | +    | +                 | ╀                                   | $\mathbb{H}$ |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       | _   |                  |          |        | +      | ╉      | ╀                  | +            |                  | +    | +                 | ╀                                   | $\mathbb{H}$ |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   | $\square$        |          |        | ╈      | ╈      | ╈                  |              | $\square$        |      | +                 | ╀                                   | $\mathbb{H}$ |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   | $\square$        |          |        | ╈      | t      | ╈                  | ┢            | H                |      | ╈                 | ┢                                   | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   | $\square$        |          |        | ╈      | t      | ╈                  |              | H                |      | ╈                 | ┢                                   | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   |                  |          |        | ╈      | ╈      | ╈                  | $\square$    |                  |      | +                 | $\mathbf{T}$                        | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   |                  |          |        | ╈      | ╈      | ╈                  | Γ            | H                |      | +                 | T                                   | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   | H                |          |        | ╈      | ╈      | ╈                  | $\mathbf{T}$ | H                |      | ╈                 | ┢                                   | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
| 5 6 7 8 9                             | 6 7 8 9 10 11 1 2 3 4 5 6 7 8 9 10 11   |                  |          |        |        |        |                    |              |                  |      |                   |                                     |              |   |               |        |   |      | 0<br>           |                  |                 |                  |                                 |   |
|                                       |   |                  |          |        | Т      | Т      | Т                  | Τ            | Π                |      | Т                 | Τ                                   | П            |   |               |        | х                                       |      |                 |                  |                 |                  |                                 |   |
|                                       |   | H                |          |        | ╈      | $^{+}$ | ╈                  | ┢            | H                |      | ╈                 | $^{+}$                              | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 | Light rain, sprinkles                   |
|                                       |   | H                |          |        | +      | t      | ╈                  | $\square$    | H                |      | $^{+}$            | ┢                                   | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   | H                |          |        | ╈      | ╈      | ╈                  | $\square$    | H                |      | ╈                 | ┢                                   | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   | $\square$        |          |        | ╈      | ╈      | ╈                  | ┢            |                  |      | ╈                 | $\uparrow$                          | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   |                  |          |        | ╈      | ╈      | ╈                  |              |                  |      | ╈                 | ┢                                   | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   | $\square$        |          |        | ╈      | T      | T                  | $\mathbf{T}$ | Π                |      | $\top$            | $\top$                              | Ħ            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       | _   |                  | _        | _      | ╈      | ╈      | ╈                  | $\mathbf{T}$ | $\square$        |      | _~                | ~                                   | ~            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
| ~~                                    |   |                  |          |        | ╈      | ╈      | $\top$             |              | $\square$        |      | ╈                 | $\top$                              | Ħ            |   |               |        | Х                                       | Х    |                 |                  |                 |                  |                                 | Pea size hail                           |
| 5678 <u>9</u>                         | _10   | 0_1              | 1        | 1      | 2      | 3      | 4                  | 56           | 5 7              | 8    | 9 1               | 10 1                                | 11           |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   |                  |          | Т      | Т      | Т      | Т                  | Γ            | Π                |      | Т                 | Т                                   | Π            |   | х             |        |   |      |                 |                  |                 |                  |                                 | Sleet                                   |
|                                       |   |                  | _        |        |        | - -    |                    |              |                  | _    |                   | Γ                                   | Π            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   |                  |          |        | T      | T      | T                  |              |                  |      | ╈                 | Τ                                   | Π            |   |               |        |   |      |                 |                  |                 |                  |                                 | Light rain                              |
|                                       |   |                  |          |        | Τ      | T      | Τ                  |              | Π                |      |                   | Γ                                   | Π            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
| ~~                                    |   |                  |          |        | 1      |        |                    |              |                  |      | -~                | · ~                                 | ~            |   |               |        |   |      |                 |                  |                 |                  |                                 | Sprinkles                               |
| ~                                     |   |                  | _        |        | ╈      | T      | Τ                  |              |                  |      |                   | Γ                                   | Π            |   |               |        |   |      |                 |                  |                 |                  |                                 | Rain                                    |
|                                       |   |                  |          |        | T      | T      | T                  |              | Π                |      |                   | Γ                                   | Π            |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   |                  |          |        |        | T      | Τ                  |              | Π                |      |                   | Γ                                   | Π            | x   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   |                  |          |        |        | T      |                    |              |                  |      |                   |                                     | $\square$    |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
| CK BAR (for                           | wire  | e w              | eig      | ht) N  | IOF    | RM/    |                    | CHE          | ск               | BA   | R                 |                                     |              |   | lei           | Ð      | р                                       |      | _ ഗ             | $\smallsetminus$ |                 | $\smallsetminus$ | $\sim$                          |   |
|                                       |   |                  |          | DA     | TE     |        |                    |              |                  |      |                   |                                     |              | Fog   | lce p         | Glaze  | Thund                                   | Hail | Dam<br>winds    |                  | $\overline{\ }$ | $\land$          | $\square$                       |   |
|                                       |   |                  |          |        |        |        |                    |              |                  |      |                   |                                     |              |   | ERVE          | 2      | -                                       |      |                 | -                | 3               |                  |                                 |   |
|                                       |   |                  |          |        |        |        |                    |              |                  |      |                   |                                     |              |   |               |        |   |      |                 |                  |                 |                  |                                 |   |
|                                       |   |                  |          |        |        |        |                    |              |                  |      |                   |                                     |              |   |               |        | FFICE                                   |      |                 |                  |                 |                  | STATION INDEX NO.<br>13-7859-01 |   |
|                                       | FSD   |                  |          |        |        |        |                    |              |                  |      |                   |                                     |              |   | D Sioux Falls |        |   |      |                 |                  |                 |                  | r.                              | T2-1022-0T                              |