

Hard Red Spring Wheat Future for 07/28/2023

| Comm | Month | Total Volume | Elec | EFP | EFR | TRANSFER | OPEN INT. | CHANGE | EXER | DELV |
|--------------|-------|---------------|--------------|--------------|----------|----------|---------------|-------------|----------|----------|
| W | 09/23 | 7,983 | 6,582 | 1,401 | 0 | 0 | 29,694 | -781 | 0 | 0 |
| W | 12/23 | 2,857 | 2,830 | 27 | 0 | 0 | 16,227 | 565 | 0 | 0 |
| W | 03/24 | 420 | 420 | 0 | 0 | 0 | 4,196 | 1 | 0 | 0 |
| W | 05/24 | 17 | 17 | 0 | 0 | 0 | 405 | 2 | 0 | 0 |
| W | 07/24 | 6 | 6 | 0 | 0 | 0 | 175 | -2 | 0 | 0 |
| W | 09/24 | 4 | 4 | 0 | 0 | 0 | 410 | 0 | 0 | 0 |
| W | 12/24 | 0 | 0 | 0 | 0 | 0 | 104 | 0 | 0 | 0 |
| Total | | 11,287 | 9,859 | 1,428 | 0 | 0 | 51,211 | -215 | 0 | 0 |

Daily trading volume, one side only, including exchanges of futures for cash, and open contracts less intentions, as reported by clearing members as of the close of the business.

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SPIKES Volatility Index Future for 07/28/2023

| Comm | Month | Total Volume | Elec | BLK | TAS | EFP | EFR | TRANSFER | OPEN INT. | CHANGE | EXER | DELV / DELIV |
|--------------|-------|--------------|------------|----------|-----------|----------|----------|----------|------------|----------|----------|--------------|
| S | 8/23 | 222 | 222 | 0 | 79 | 0 | 0 | 0 | 335 | 12 | 0 | 0 |
| S | 9/23 | 213 | 213 | 0 | 10 | 0 | 0 | 0 | 235 | -12 | 0 | 0 |
| S | 10/23 | 25 | 25 | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 0 |
| S | 11/23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 |
| Total | | 460 | 460 | 0 | 89 | 0 | 0 | 0 | 629 | 0 | 0 | 0 |

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Call Hard Red Spring Wheat Option for 07/28/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------|-------|--------------|-----|-------|--------------|------|----------|-----------|--------|------|
| WC | 9/23 | 7.90 | C | .9414 | 0 | 0 | 0 | 3 | 0 | 0 |
| WC | 9/23 | 8.00 | C | .9193 | 0 | 0 | 0 | 152 | 0 | 0 |
| WC | 9/23 | 8.10 | C | .8935 | 0 | 0 | 0 | 7 | 0 | 0 |
| WC | 9/23 | 8.20 | C | .8595 | 0 | 0 | 0 | 8 | 0 | 0 |
| WC | 9/23 | 8.30 | C | .8223 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 9/23 | 8.40 | C | .7808 | 0 | 0 | 0 | 58 | 0 | 0 |
| WC | 9/23 | 8.50 | C | .7371 | 0 | 0 | 0 | 271 | 0 | 0 |
| WC | 9/23 | 8.60 | C | .6903 | 0 | 0 | 0 | 261 | 0 | 0 |
| WC | 9/23 | 8.70 | C | .6416 | 0 | 0 | 0 | 208 | 0 | 0 |
| WC | 9/23 | 8.80 | C | .5929 | 0 | 0 | 0 | 256 | 0 | 0 |
| WC | 9/23 | 8.85 | C | .5685 | 0 | 0 | 0 | 5 | 0 | 0 |
| WC | 9/23 | 8.90 | C | .5441 | 0 | 0 | 0 | 403 | 0 | 0 |
| WC | 9/23 | 9.00 | C | .4960 | 95 | 95 | 0 | 2,137 | -95 | 0 |
| WC | 9/23 | 9.20 | C | .4053 | 0 | 0 | 0 | 551 | 0 | 0 |
| WC | 9/23 | 9.30 | C | .3640 | 0 | 0 | 0 | 158 | 0 | 0 |
| WC | 9/23 | 9.40 | C | .3249 | 0 | 0 | 0 | 580 | 0 | 0 |
| WC | 9/23 | 9.50 | C | .2889 | 5 | 5 | 0 | 220 | 2 | 0 |
| WC | 9/23 | 9.60 | C | .2563 | 0 | 0 | 0 | 46 | 0 | 0 |
| WC | 9/23 | 9.70 | C | .2267 | 0 | 0 | 0 | 32 | 0 | 0 |
| WC | 9/23 | 9.80 | C | .1998 | 0 | 0 | 0 | 84 | 0 | 0 |
| WC | 9/23 | 9.90 | C | .1750 | 0 | 0 | 0 | 48 | 0 | 0 |

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Call Hard Red Spring Wheat Option for 07/28/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|-------------|--------------|-----|-------|--------------|------------|----------|--------------|-------------|----------|
| WC | 9/23 | 10.00 | C | .1532 | 15 | 15 | 0 | 1,426 | -15 | 0 |
| WC | 9/23 | 10.20 | C | .1173 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 9/23 | 10.50 | C | .0783 | 0 | 0 | 0 | 203 | 0 | 0 |
| WC | 9/23 | 10.70 | C | .0602 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 10.75 | C | .0548 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 11.00 | C | .0389 | 0 | 0 | 0 | 38 | 0 | 0 |
| WC | 9/23 | 12.00 | C | .0111 | 0 | 0 | 0 | 31 | 0 | 0 |
| WC | 9/23 | 12.50 | C | .0072 | 0 | 0 | 0 | 22 | 0 | 0 |
| WC | 9/23 | 13.00 | C | .0037 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 14.00 | C | .0030 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 9/23 | 15.00 | C | .0026 | 0 | 0 | 0 | 5 | 0 | 0 |
| WC | 9/23 | 18.00 | C | .0019 | 0 | 0 | 0 | 5 | 0 | 0 |
| Sub Total | 9/23 | | | | 115 | 115 | 0 | 7,239 | -108 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WC | 12/23 | 8.00 | C | .8107 | 0 | 0 | 0 | 5 | 0 | 0 |
| WC | 12/23 | 8.10 | C | .7898 | 0 | 0 | 0 | 11 | 0 | 0 |
| WC | 12/23 | 8.30 | C | .7381 | 0 | 0 | 0 | 3 | 0 | 0 |
| WC | 12/23 | 8.40 | C | .7095 | 0 | 0 | 0 | 10 | 0 | 0 |
| WC | 12/23 | 8.50 | C | .6829 | 0 | 0 | 0 | 12 | 0 | 0 |
| WC | 12/23 | 8.60 | C | .6562 | 0 | 0 | 0 | 159 | 0 | 0 |

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Call Hard Red Spring Wheat Option for 07/28/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|--------------|--------------|-----|-------|--------------|-----------|----------|------------|-----------|----------|
| WC | 12/23 | 8.70 | C | .6297 | 0 | 0 | 0 | 26 | 0 | 0 |
| WC | 12/23 | 8.90 | C | .5774 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 12/23 | 9.00 | C | .5519 | 0 | 0 | 0 | 159 | 0 | 0 |
| WC | 12/23 | 9.20 | C | .5020 | 0 | 0 | 0 | 66 | 0 | 0 |
| WC | 12/23 | 9.25 | C | .4900 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 12/23 | 9.40 | C | .4552 | 0 | 0 | 0 | 17 | 0 | 0 |
| WC | 12/23 | 9.50 | C | .4330 | 0 | 0 | 0 | 124 | 0 | 0 |
| WC | 12/23 | 9.60 | C | .4119 | 0 | 0 | 0 | 10 | 0 | 0 |
| WC | 12/23 | 9.70 | C | .3914 | 0 | 0 | 0 | 77 | 0 | 0 |
| WC | 12/23 | 9.80 | C | .3719 | 0 | 0 | 0 | 14 | 0 | 0 |
| WC | 12/23 | 10.00 | C | .3354 | 0 | 0 | 0 | 78 | 0 | 0 |
| WC | 12/23 | 10.20 | C | .3023 | 0 | 0 | 0 | 30 | 0 | 0 |
| WC | 12/23 | 10.50 | C | .2592 | 14 | 14 | 0 | 58 | 14 | 0 |
| WC | 12/23 | 10.60 | C | .2460 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 11.00 | C | .2014 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 11.10 | C | .1916 | 0 | 0 | 0 | 30 | 0 | 0 |
| WC | 12/23 | 12.00 | C | .1250 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 13.00 | C | .0826 | 14 | 14 | 0 | 23 | 14 | 0 |
| Sub Total | 12/23 | | | | 28 | 28 | 0 | 932 | 28 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |

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Call Hard Red Spring Wheat Option for 07/28/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|-------------|--------------|-----|-------|--------------|------------|----------|--------------|------------|----------|
| WC | 3/24 | 9.70 | C | .4392 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 3/24 | 10.00 | C | .3896 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 3/24 | 10.30 | C | .3452 | 0 | 0 | 0 | 17 | 0 | 0 |
| Sub Total | 3/24 | | | | 0 | 0 | 0 | 22 | 0 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WC | 9/24 | 8.00 | C | .6395 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 9/24 | 8.50 | C | .5572 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 9/24 | 9.00 | C | .4832 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 9/24 | 9.50 | C | .4189 | 0 | 0 | 0 | 2 | 0 | 0 |
| Sub Total | 9/24 | | | | 0 | 0 | 0 | 8 | 0 | 0 |
| Total | | | | | 143 | 143 | 0 | 8,201 | -80 | 0 |

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Put Hard Red Spring Wheat Option for 07/28/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------|-------|--------------|-----|-------|--------------|------|----------|-----------|--------|------|
| WP | 9/23 | 7.00 | P | .0059 | 0 | 0 | 0 | 10 | 0 | 0 |
| WP | 9/23 | 7.20 | P | .0071 | 0 | 0 | 0 | 9 | 0 | 0 |
| WP | 9/23 | 7.40 | P | .0087 | 0 | 0 | 0 | 24 | 0 | 0 |
| WP | 9/23 | 7.50 | P | .0148 | 0 | 0 | 0 | 220 | 0 | 0 |
| WP | 9/23 | 7.60 | P | .0166 | 0 | 0 | 0 | 32 | 0 | 0 |
| WP | 9/23 | 7.70 | P | .0275 | 0 | 0 | 0 | 29 | 0 | 0 |
| WP | 9/23 | 7.80 | P | .0416 | 0 | 0 | 0 | 574 | 0 | 0 |
| WP | 9/23 | 7.90 | P | .0586 | 0 | 0 | 0 | 305 | 0 | 0 |
| WP | 9/23 | 8.00 | P | .0807 | 0 | 0 | 0 | 181 | 0 | 0 |
| WP | 9/23 | 8.20 | P | .1405 | 0 | 0 | 0 | 97 | 0 | 0 |
| WP | 9/23 | 8.30 | P | .1777 | 0 | 0 | 0 | 500 | 0 | 0 |
| WP | 9/23 | 8.40 | P | .2192 | 5 | 5 | 0 | 298 | 0 | 0 |
| WP | 9/23 | 8.50 | P | .2629 | 0 | 0 | 0 | 550 | 0 | 0 |
| WP | 9/23 | 8.60 | P | .3097 | 0 | 0 | 0 | 172 | 0 | 0 |
| WP | 9/23 | 8.70 | P | .3584 | 0 | 0 | 0 | 5 | 0 | 0 |
| WP | 9/23 | 8.80 | P | .4071 | 0 | 0 | 0 | 74 | 0 | 0 |
| WP | 9/23 | 9.00 | P | .5040 | 0 | 0 | 0 | 83 | 0 | 0 |
| WP | 9/23 | 9.30 | P | .6360 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 9/23 | 9.50 | P | .7111 | 0 | 0 | 0 | 2 | 0 | 0 |
| WP | 9/23 | 10.00 | P | .8468 | 0 | 0 | 0 | 11 | 0 | 0 |
| WP | 9/23 | 10.50 | P | .9217 | 0 | 0 | 0 | 1 | 0 | 0 |

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Put Hard Red Spring Wheat Option for 07/28/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|-------------|--------------|-----|-------|--------------|----------|----------|--------------|----------|----------|
| Sub Total | 9/23 | | | | 5 | 5 | 0 | 3,277 | 0 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 12/23 | 6.80 | P | .0135 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 12/23 | 7.00 | P | .0261 | 0 | 0 | 0 | 2 | 0 | 0 |
| WP | 12/23 | 7.30 | P | .0568 | 0 | 0 | 0 | 12 | 0 | 0 |
| WP | 12/23 | 7.50 | P | .0871 | 0 | 0 | 0 | 61 | 0 | 0 |
| WP | 12/23 | 7.60 | P | .1040 | 0 | 0 | 0 | 18 | 0 | 0 |
| WP | 12/23 | 7.70 | P | .1235 | 0 | 0 | 0 | 19 | 0 | 0 |
| WP | 12/23 | 7.90 | P | .1656 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 12/23 | 8.00 | P | .1893 | 0 | 0 | 0 | 200 | 0 | 0 |
| WP | 12/23 | 8.20 | P | .2387 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 12/23 | 8.25 | P | .2512 | 0 | 0 | 0 | 4 | 0 | 0 |
| WP | 12/23 | 8.40 | P | .2905 | 31 | 31 | 0 | 37 | 31 | 0 |
| WP | 12/23 | 8.50 | P | .3171 | 0 | 0 | 0 | 45 | 0 | 0 |
| WP | 12/23 | 8.60 | P | .3438 | 0 | 0 | 0 | 159 | 0 | 0 |
| WP | 12/23 | 8.70 | P | .3703 | 0 | 0 | 0 | 75 | 0 | 0 |
| WP | 12/23 | 8.90 | P | .4226 | 0 | 0 | 0 | 2 | 0 | 0 |
| WP | 12/23 | 9.00 | P | .4481 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 12/23 | 9.20 | P | .4980 | 0 | 0 | 0 | 30 | 0 | 0 |
| WP | 12/23 | 9.40 | P | .5448 | 0 | 0 | 0 | 1 | 0 | 0 |

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Put Hard Red Spring Wheat Option for 07/28/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------------------|--------------|--------------|-----|-------|--------------|-----------|----------|--------------|-----------|----------|
| Sub Total | 12/23 | | | | 31 | 31 | 0 | 881 | 31 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 3/24 | 7.60 | P | .1434 | 0 | 0 | 0 | 20 | 0 | 0 |
| WP | 3/24 | 8.40 | P | .3008 | 0 | 0 | 0 | 100 | 0 | 0 |
| Sub Total | 3/24 | | | | 0 | 0 | 0 | 120 | 0 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 9/24 | 7.00 | P | .1920 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 9/24 | 7.50 | P | .2761 | 0 | 0 | 0 | 8 | 0 | 0 |
| Sub Total | 9/24 | | | | 0 | 0 | 0 | 16 | 0 | 0 |
| Total | | | | | 36 | 36 | 0 | 4,294 | 31 | 0 |

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