

Contract Trades & Open Positions

Hard Red Spring Wheat Future for 08/11/2023

| Comm | Month | Total Volume | Elec | EFP | EFR | TRANSFER | OPEN INT. | CHANGE | EXER | DELV |
|-------|-------|-----------------|--------|-----|-----|----------|--------------|--------|------|------|
| W | 09/23 | 5,693 | 5,435 | 249 | 9 | 0 | 23,087 | -1,012 | 0 | 0 |
| W | 12/23 | 5,869 | 5,865 | 0 | 4 | 0 | 21,487 | 1,482 | 0 | 0 |
| W | 03/24 | 1,379 | 1,379 | 0 | 0 | 0 | 6,748 | 502 | 0 | 0 |
| W | 05/24 | 253 | 253 | 0 | 0 | 0 | 796 | 55 | 0 | 0 |
| W | 07/24 | 113 | 113 | 0 | 0 | 0 | 368 | 47 | 0 | 0 |
| W | 09/24 | 30 | 30 | 0 | 0 | 0 | 409 | -3 | 0 | 0 |
| W | 12/24 | 0 | 0 | 0 | 0 | 0 | 131 | 0 | 0 | 0 |
| Total | | 13,337 | 13,075 | 249 | 13 | 0 | 53,026 | 1,071 | 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.



Contract Trades & Open Positions

SPIKES Volatility Index Future for 08/11/2023

| Comm | Month | Total Volume | Elec | BLK | TAS | EFP | EFR | TRANSFER | OPEN INT. | CHANGE | EXER | DELV / DELIV |
|-------|-------|-----------------|------|-----|-----|-----|-----|----------|--------------|--------|------|--------------|
| S | 8/23 | 318 | 318 | 0 | 12 | 0 | 0 | 0 | 274 | -18 | 0 | 0 |
| S | 9/23 | 510 | 510 | 0 | 10 | 0 | 0 | 0 | 464 | 26 | 0 | 0 |
| S | 10/23 | 57 | 57 | 0 | 0 | 0 | 0 | 0 | 27 | -5 | 0 | 0 |
| Total | | 885 | 885 | 0 | 22 | 0 | 0 | 0 | 765 | 3 | 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.



Contract Trades & Open Positions

Call Hard Red Spring Wheat Option for 08/11/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|------|-------|-----------------|-----|-------|-----------------|------|----------|--------------|--------|------|
| WC | 9/23 | 7.90 | С | .6977 | 0 | 0 | 0 | 3 | 0 | 0 |
| WC | 9/23 | 8.00 | С | .6227 | 0 | 0 | 0 | 148 | 0 | 0 |
| WC | 9/23 | 8.10 | С | .5452 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 8.20 | С | .4684 | 0 | 0 | 0 | 8 | 0 | 0 |
| WC | 9/23 | 8.30 | С | .3951 | 7 | 7 | 0 | 15 | 7 | 0 |
| WC | 9/23 | 8.40 | С | .3274 | 0 | 0 | 0 | 48 | 0 | 0 |
| WC | 9/23 | 8.50 | С | .2664 | 0 | 0 | 0 | 271 | 0 | 0 |
| WC | 9/23 | 8.60 | С | .2138 | 0 | 0 | 0 | 168 | 0 | 0 |
| WC | 9/23 | 8.70 | С | .1682 | 7 | 7 | 0 | 114 | 0 | 0 |
| WC | 9/23 | 8.80 | С | .1305 | 0 | 0 | 0 | 256 | 0 | 0 |
| WC | 9/23 | 8.90 | С | .1021 | 0 | 0 | 0 | 233 | 0 | 0 |
| WC | 9/23 | 9.00 | С | .0748 | 3 | 3 | 0 | 896 | -3 | 0 |
| WC | 9/23 | 9.20 | С | .0449 | 7 | 7 | 0 | 211 | 0 | 0 |
| WC | 9/23 | 9.30 | С | .0310 | 0 | 0 | 0 | 158 | 0 | 0 |
| WC | 9/23 | 9.40 | С | .0224 | 0 | 0 | 0 | 580 | 0 | 0 |
| WC | 9/23 | 9.50 | С | .0138 | 0 | 0 | 0 | 217 | 0 | 0 |
| WC | 9/23 | 9.60 | С | .0122 | 2 | 2 | 0 | 46 | 0 | 0 |
| WC | 9/23 | 9.70 | С | .0110 | 0 | 0 | 0 | 30 | 0 | 0 |
| WC | 9/23 | 9.80 | С | .0099 | 5 | 5 | 0 | 47 | 0 | 0 |
| WC | 9/23 | 9.90 | С | .0091 | 0 | 0 | 0 | 47 | 0 | 0 |
| WC | 9/23 | 10.00 | С | .0084 | 0 | 0 | 0 | 703 | 0 | 0 |

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Contract Trades & Open Positions

Call Hard Red Spring Wheat Option for 08/11/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|-----------|-------|-----------------|-----|-------|-----------------|------|----------|--------------|--------|------|
| WC | 9/23 | 10.20 | С | .0072 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 9/23 | 10.50 | С | .0060 | 0 | 0 | 0 | 203 | 0 | 0 |
| WC | 9/23 | 10.70 | С | .0054 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 10.75 | С | .0053 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 11.00 | С | .0047 | 0 | 0 | 0 | 38 | 0 | 0 |
| WC | 9/23 | 12.00 | С | .0034 | 0 | 0 | 0 | 31 | 0 | 0 |
| WC | 9/23 | 12.50 | С | .0030 | 0 | 0 | 0 | 22 | 0 | 0 |
| WC | 9/23 | 13.00 | С | .0027 | 0 | 0 | 0 | 1 | 0 | 0 |
| WC | 9/23 | 14.00 | С | .0023 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 9/23 | 15.00 | С | .0020 | 0 | 0 | 0 | 5 | 0 | 0 |
| WC | 9/23 | 18.00 | С | .0016 | 0 | 0 | 0 | 5 | 0 | 0 |
| Sub Total | 9/23 | | | | 31 | 31 | 0 | 4,519 | 4 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WC | 12/23 | 8.00 | С | .6287 | 0 | 0 | 0 | 5 | 0 | 0 |
| WC | 12/23 | 8.10 | С | .5957 | 0 | 0 | 0 | 11 | 0 | 0 |
| WC | 12/23 | 8.30 | С | .5289 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 8.40 | С | .4965 | 11 | 11 | 0 | 71 | 11 | 0 |
| WC | 12/23 | 8.50 | С | .4656 | 0 | 0 | 0 | 29 | 0 | 0 |
| WC | 12/23 | 8.60 | С | .4359 | 0 | 0 | 0 | 159 | 0 | 0 |
| WC | 12/23 | 8.70 | С | .4073 | 0 | 0 | 0 | 26 | 0 | 0 |

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Contract Trades & Open Positions

Call Hard Red Spring Wheat Option for 08/11/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|-----------|-------|-----------------|-----|-------|-----------------|------|----------|--------------|--------|------|
| WC | 12/23 | 8.80 | С | .3806 | 1 | 1 | 0 | 71 | 1 | 0 |
| WC | 12/23 | 8.90 | С | .3549 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 12/23 | 9.00 | С | .3306 | 7 | 7 | 0 | 220 | 3 | 0 |
| WC | 12/23 | 9.20 | С | .2873 | 0 | 0 | 0 | 68 | 0 | 0 |
| WC | 12/23 | 9.25 | С | .2767 | 0 | 0 | 0 | 6 | 0 | 0 |
| WC | 12/23 | 9.40 | С | .2481 | 5 | 5 | 0 | 18 | 1 | 0 |
| WC | 12/23 | 9.50 | С | .2315 | 0 | 0 | 0 | 124 | 0 | 0 |
| WC | 12/23 | 9.60 | С | .2152 | 11 | 11 | 0 | 21 | 11 | 0 |
| WC | 12/23 | 9.70 | С | .1999 | 0 | 0 | 0 | 77 | 0 | 0 |
| WC | 12/23 | 9.80 | С | .1859 | 0 | 0 | 0 | 21 | 0 | 0 |
| WC | 12/23 | 10.00 | С | .1616 | 0 | 0 | 0 | 105 | 0 | 0 |
| WC | 12/23 | 10.20 | С | .1401 | 0 | 0 | 0 | 30 | 0 | 0 |
| WC | 12/23 | 10.50 | С | .1141 | 0 | 0 | 0 | 58 | 0 | 0 |
| WC | 12/23 | 10.60 | С | .1070 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 11.00 | С | .0820 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 11.10 | С | .0765 | 0 | 0 | 0 | 30 | 0 | 0 |
| WC | 12/23 | 12.00 | С | .0456 | 0 | 0 | 0 | 4 | 0 | 0 |
| WC | 12/23 | 13.00 | С | .0276 | 4 | 4 | 0 | 19 | -4 | 0 |
| Sub Total | 12/23 | | | | 39 | 39 | 0 | 1,187 | 23 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |

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.



Contract Trades & Open Positions

Call Hard Red Spring Wheat Option for 08/11/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|-----------|-------|-----------------|-----|-------|-----------------|------|----------|--------------|--------|------|
| WC | 3/24 | 8.40 | С | .5258 | 1 | 1 | 0 | 1 | 1 | 0 |
| WC | 3/24 | 8.60 | С | .4756 | 0 | 0 | 0 | 171 | 0 | 0 |
| WC | 3/24 | 8.80 | С | .4287 | 0 | 0 | 0 | 39 | 0 | 0 |
| WC | 3/24 | 9.30 | С | .3277 | 0 | 0 | 0 | 88 | 0 | 0 |
| WC | 3/24 | 9.60 | С | .2775 | 0 | 0 | 0 | 73 | 0 | 0 |
| WC | 3/24 | 9.70 | С | .2625 | 0 | 0 | 0 | 39 | 0 | 0 |
| WC | 3/24 | 9.90 | С | .2351 | 0 | 0 | 0 | 10 | 0 | 0 |
| WC | 3/24 | 10.00 | С | .2222 | 1 | 1 | 0 | 3 | 1 | 0 |
| WC | 3/24 | 10.30 | С | .1884 | 0 | 0 | 0 | 17 | 0 | 0 |
| WC | 3/24 | 10.50 | С | .1692 | 1 | 1 | 0 | 32 | 1 | 0 |
| WC | 3/24 | 11.00 | С | .1300 | 4 | 4 | 0 | 4 | 4 | 0 |
| WC | 3/24 | 13.00 | С | .0511 | 1 | 1 | 0 | 32 | 1 | 0 |
| Sub Total | 3/24 | | | | 8 | 8 | 0 | 509 | 8 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WC | 9/24 | 8.00 | С | .5845 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 9/24 | 8.50 | С | .4885 | 0 | 0 | 0 | 2 | 0 | 0 |
| WC | 9/24 | 9.00 | С | .4074 | 0 | 0 | 0 | 3 | 0 | 0 |
| WC | 9/24 | 9.50 | С | .3404 | 0 | 0 | 0 | 2 | 0 | 0 |
| Sub Total | 9/24 | | | | 0 | 0 | 0 | 9 | 0 | 0 |
| Total | | | | | 78 | 78 | 0 | 6,224 | 35 | 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.

Contract Trades & Open Positions

Call Hard Red Spring Wheat Option for 08/11/2023

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.



Contract Trades & Open Positions

Put Hard Red Spring Wheat Option for 08/11/2023

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|------|-------|-----------------|-----|-------|-----------------|------|----------|--------------|--------|------|
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 9/23 | 7.00 | Р | .0142 | 0 | 0 | 0 | 9 | 0 | 0 |
| WP | 9/23 | 7.20 | Р | .0213 | 0 | 0 | 0 | 9 | 0 | 0 |
| WP | 9/23 | 7.40 | Р | .0505 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 9/23 | 7.50 | Р | .0904 | 0 | 0 | 0 | 220 | 0 | 0 |
| WP | 9/23 | 7.60 | Р | .1199 | 0 | 0 | 0 | 25 | 0 | 0 |
| WP | 9/23 | 7.70 | Р | .1717 | 0 | 0 | 0 | 29 | 0 | 0 |
| WP | 9/23 | 7.75 | Р | .2017 | 0 | 0 | 0 | 3 | 0 | 0 |
| WP | 9/23 | 7.80 | Р | .2331 | 0 | 0 | 0 | 574 | 0 | 0 |
| WP | 9/23 | 7.90 | Р | .3023 | 7 | 7 | 0 | 121 | 7 | 0 |
| WP | 9/23 | 8.00 | Р | .3773 | 3 | 3 | 0 | 174 | 0 | 0 |
| WP | 9/23 | 8.20 | Р | .5316 | 0 | 0 | 0 | 101 | 0 | 0 |
| WP | 9/23 | 8.25 | Р | .5687 | 0 | 0 | 0 | 30 | 0 | 0 |
| WP | 9/23 | 8.30 | Р | .6049 | 0 | 0 | 0 | 500 | 0 | 0 |
| WP | 9/23 | 8.40 | Р | .6726 | 6 | 6 | 0 | 283 | 4 | 0 |
| WP | 9/23 | 8.50 | Р | .7336 | 0 | 0 | 0 | 545 | 0 | 0 |
| WP | 9/23 | 8.60 | Р | .7862 | 6 | 6 | 0 | 166 | -6 | 0 |
| WP | 9/23 | 8.70 | Р | .8318 | 0 | 0 | 0 | 3 | 0 | 0 |
| WP | 9/23 | 8.80 | Р | .8695 | 0 | 0 | 0 | 68 | 0 | 0 |
| WP | 9/23 | 9.00 | Р | .9252 | 12 | 12 | 0 | 71 | -12 | 0 |
| WP | 9/23 | 9.30 | Р | .9690 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 9/23 | 9.50 | Р | .9862 | 0 | 0 | 0 | 2 | 0 | 0 |

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Contract Trades & Open Positions

Put Hard Red Spring Wheat Option for 08/11/2023

| | | • | | | | | | | | |
|-----------|-------|-----------------|-----|-------|-----------------|------|----------|--------------|--------|------|
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 9/23 | 10.00 | Р | .9916 | 0 | 0 | 0 | 11 | 0 | 0 |
| WP | 9/23 | 10.50 | Р | .9940 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sub Total | 9/23 | | | | 34 | 34 | 0 | 3,053 | -7 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 12/23 | 6.80 | Р | .0495 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 12/23 | 7.00 | Р | .0821 | 0 | 0 | 0 | 2 | 0 | 0 |
| WP | 12/23 | 7.20 | Р | .1250 | 0 | 0 | 0 | 7 | 0 | 0 |
| WP | 12/23 | 7.30 | Р | .1506 | 0 | 0 | 0 | 12 | 0 | 0 |
| WP | 12/23 | 7.50 | Р | .2077 | 0 | 0 | 0 | 61 | 0 | 0 |
| WP | 12/23 | 7.60 | Р | .2384 | 0 | 0 | 0 | 18 | 0 | 0 |
| WP | 12/23 | 7.70 | Р | .2709 | 0 | 0 | 0 | 19 | 0 | 0 |
| WP | 12/23 | 7.80 | Р | .3038 | 0 | 0 | 0 | 50 | 0 | 0 |
| WP | 12/23 | 7.90 | Р | .3375 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 12/23 | 8.00 | Р | .3713 | 166 | 166 | 0 | 281 | 16 | 0 |
| WP | 12/23 | 8.20 | Р | .4383 | 0 | 0 | 0 | 100 | 0 | 0 |
| WP | 12/23 | 8.25 | Р | .4548 | 0 | 0 | 0 | 4 | 0 | 0 |
| WP | 12/23 | 8.30 | Р | .4711 | 200 | 200 | 0 | 200 | 200 | 0 |
| WP | 12/23 | 8.40 | Р | .5035 | 0 | 0 | 0 | 57 | 0 | 0 |
| WP | 12/23 | 8.50 | Р | .5344 | 0 | 0 | 0 | 42 | 0 | 0 |
| WP | 12/23 | 8.60 | Р | .5641 | 0 | 0 | 0 | 159 | 0 | 0 |

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Contract Trades & Open Positions

Put Hard Red Spring Wheat Option for 08/11/2023

| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
|-----------|-------|-----------------|-----|-------|-----------------|------|----------|--------------|--------|------|
| WP | 12/23 | 8.70 | Р | .5927 | 0 | 0 | 0 | 60 | 0 | 0 |
| WP | 12/23 | 8.90 | Р | .6451 | 0 | 0 | 0 | 2 | 0 | 0 |
| WP | 12/23 | 9.00 | Р | .6694 | 0 | 0 | 0 | 7 | 0 | 0 |
| WP | 12/23 | 9.20 | Р | .7127 | 0 | 0 | 0 | 30 | 0 | 0 |
| WP | 12/23 | 9.40 | Р | .7519 | 0 | 0 | 0 | 1 | 0 | 0 |
| Sub Total | 12/23 | | | | 366 | 366 | 0 | 1,220 | 216 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 3/24 | 7.60 | Р | .2619 | 0 | 0 | 0 | 93 | 0 | 0 |
| WP | 3/24 | 7.70 | Р | .2883 | 0 | 0 | 0 | 39 | 0 | 0 |
| WP | 3/24 | 8.40 | Р | .4742 | 0 | 0 | 0 | 100 | 0 | 0 |
| Sub Total | 3/24 | | | | 0 | 0 | 0 | 232 | 0 | 0 |
| Comm | Month | Strike Price | C/P | Delta | Total Volume | Elec | TRANSFER | OPEN INT. | CHANGE | EXER |
| WP | 9/24 | 7.00 | Р | .2130 | 0 | 0 | 0 | 8 | 0 | 0 |
| WP | 9/24 | 7.50 | Р | .3134 | 0 | 0 | 0 | 9 | 0 | 0 |
| Sub Total | 9/24 | | | | 0 | 0 | 0 | 17 | 0 | 0 |
| Total | | | | | 400 | 400 | 0 | 4,522 | 209 | 0 |

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