

Upper Mississippi River - Illinois Waterway (UMR-IWW) System Navigation Study

**Waterway Traffic Forecasts for the Upper Mississippi River Basin
Exhibit 20**

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Exhibit 20
Waterway Traffic Forecasts: Illinois Waterway

| Year | Corn | Soybeans | Wheat | Agricultural Chemicals | Prepared Animal Feed | Coal and Coke | Industrial Chemicals | Petroleum Products | Construction Materials | Iron and Steel | Other | Total Forecast |
|---|--------|----------|-------|------------------------|----------------------|---------------|----------------------|--------------------|------------------------|----------------|-------|----------------|
| Thousands of Tons | | | | | | | | | | | | |
| 91-93 avg | 11,591 | 3,806 | 288 | 1,620 | 1,939 | 7,800 | 3,990 | 5,526 | 2,134 | 2,233 | 2,882 | 43,810 |
| 2000 | 17,711 | 3,891 | 510 | 1,379 | 1,868 | 7,000 | 4,167 | 6,008 | 2,234 | 2,582 | 3,335 | 50,684 |
| 2005 | 19,670 | 4,354 | 550 | 1,377 | 1,964 | 6,900 | 4,514 | 6,293 | 2,371 | 2,709 | 3,571 | 54,272 |
| 2010 | 21,173 | 4,639 | 584 | 1,372 | 2,038 | 7,000 | 4,854 | 6,481 | 2,506 | 2,853 | 3,768 | 57,268 |
| 2015 | 22,488 | 4,931 | 619 | 1,371 | 2,128 | 7,000 | 5,181 | 6,597 | 2,615 | 3,018 | 3,940 | 59,888 |
| 2020 | 23,743 | 5,216 | 654 | 1,370 | 2,214 | 7,100 | 5,494 | 6,698 | 2,712 | 3,188 | 4,112 | 62,502 |
| 2025 | 25,063 | 5,514 | 689 | 1,368 | 2,298 | 7,200 | 5,807 | 6,791 | 2,810 | 3,363 | 4,289 | 65,192 |
| 2030 | 26,511 | 5,833 | 726 | 1,367 | 2,380 | 7,400 | 6,273 | 6,842 | 3,019 | 3,503 | 4,497 | 68,350 |
| 2035 | 28,074 | 6,170 | 764 | 1,366 | 2,459 | 7,500 | 6,739 | 6,865 | 3,241 | 3,647 | 4,706 | 71,532 |
| 2040 | 29,707 | 6,520 | 803 | 1,366 | 2,536 | 7,700 | 7,205 | 6,864 | 3,481 | 3,793 | 4,928 | 74,902 |
| 2045 | 31,360 | 6,873 | 842 | 1,363 | 2,611 | 7,900 | 7,672 | 6,838 | 3,740 | 3,942 | 5,151 | 78,291 |
| 2050 | 32,968 | 7,221 | 881 | 1,363 | 2,683 | 8,000 | 8,138 | 6,789 | 4,018 | 4,092 | 5,363 | 81,517 |
| Percent of Total Traffic | | | | | | | | | | | | |
| 91-93 avg | 26.46% | 8.69% | 0.66% | 3.70% | 4.43% | 17.80% | 9.11% | 12.61% | 4.87% | 5.10% | 6.58% | 100.00% |
| 2000 | 34.94% | 7.68% | 1.01% | 2.72% | 3.69% | 13.81% | 8.22% | 11.85% | 4.41% | 5.09% | 6.58% | 100.00% |
| 2005 | 36.24% | 8.02% | 1.01% | 2.54% | 3.62% | 12.71% | 8.32% | 11.60% | 4.37% | 4.99% | 6.58% | 100.00% |
| 2010 | 36.97% | 8.10% | 1.02% | 2.40% | 3.56% | 12.22% | 8.48% | 11.32% | 4.38% | 4.98% | 6.58% | 100.00% |
| 2015 | 37.55% | 8.23% | 1.03% | 2.29% | 3.55% | 11.69% | 8.65% | 11.01% | 4.37% | 5.04% | 6.58% | 100.00% |
| 2020 | 37.99% | 8.35% | 1.05% | 2.19% | 3.54% | 11.36% | 8.79% | 10.72% | 4.34% | 5.10% | 6.58% | 100.00% |
| 2025 | 38.45% | 8.46% | 1.06% | 2.10% | 3.53% | 11.04% | 8.91% | 10.42% | 4.31% | 5.16% | 6.58% | 100.00% |
| 2030 | 38.79% | 8.53% | 1.06% | 2.00% | 3.48% | 10.83% | 9.18% | 10.01% | 4.42% | 5.13% | 6.58% | 100.00% |
| 2035 | 39.25% | 8.63% | 1.07% | 1.91% | 3.44% | 10.48% | 9.42% | 9.60% | 4.53% | 5.10% | 6.58% | 100.00% |
| 2040 | 39.66% | 8.70% | 1.07% | 1.82% | 3.39% | 10.28% | 9.62% | 9.16% | 4.65% | 5.06% | 6.58% | 100.00% |
| 2045 | 40.06% | 8.78% | 1.08% | 1.74% | 3.33% | 10.09% | 9.80% | 8.73% | 4.78% | 5.04% | 6.58% | 100.00% |
| 2050 | 40.44% | 8.86% | 1.08% | 1.67% | 3.29% | 9.81% | 9.98% | 8.33% | 4.93% | 5.02% | 6.58% | 100.00% |
| Average Annual Percentage Change | | | | | | | | | | | | |
| 2000 | 5.44% | 0.28% | 7.37% | -1.99% | -0.47% | -1.34% | 0.55% | 1.05% | 0.57% | 1.83% | 1.84% | 1.84% |
| 2005 | 2.12% | 2.27% | 1.54% | -0.03% | 1.01% | -0.29% | 1.61% | 0.93% | 1.20% | 0.96% | 1.38% | 1.38% |
| 2010 | 1.48% | 1.28% | 1.21% | -0.07% | 0.75% | 0.29% | 1.46% | 0.59% | 1.11% | 1.04% | 1.08% | 1.08% |
| 2015 | 1.21% | 1.23% | 1.16% | -0.01% | 0.87% | 0.00% | 1.31% | 0.35% | 0.86% | 1.13% | 0.90% | 0.90% |
| 2020 | 1.09% | 1.13% | 1.10% | -0.01% | 0.80% | 0.28% | 1.18% | 0.31% | 0.73% | 1.10% | 0.86% | 0.86% |
| 2025 | 1.09% | 1.12% | 1.07% | -0.03% | 0.74% | 0.28% | 1.11% | 0.28% | 0.71% | 1.07% | 0.85% | 0.85% |
| 2030 | 1.13% | 1.13% | 1.05% | -0.01% | 0.70% | 0.55% | 1.56% | 0.15% | 1.45% | 0.82% | 0.95% | 0.95% |
| 2035 | 1.15% | 1.13% | 1.03% | -0.01% | 0.66% | 0.27% | 1.44% | 0.07% | 1.43% | 0.81% | 0.91% | 0.91% |

| | | | | | | | | | | | | |
|------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|-------|
| 2040 | 1.14% | 1.11% | 1.00% | 0.00% | 0.62% | 0.53% | 1.35% | -0.01% | 1.44% | 0.79% | 0.92% | 0.92% |
| 2045 | 1.09% | 1.06% | 0.96% | -0.04% | 0.58% | 0.51% | 1.26% | -0.07% | 1.45% | 0.77% | 0.89% | 0.89% |
| 2050 | 1.01% | 0.99% | 0.91% | 0.00% | 0.55% | 0.25% | 1.19% | -0.14% | 1.44% | 0.75% | 0.81% | 0.81% |

End of Exhibit 20 - Waterway Traffic Forecasts

Converted to HTML, 4 Sept. 1997, Brendan Belby, CEMVR - PD-W, (309) 794-5343

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