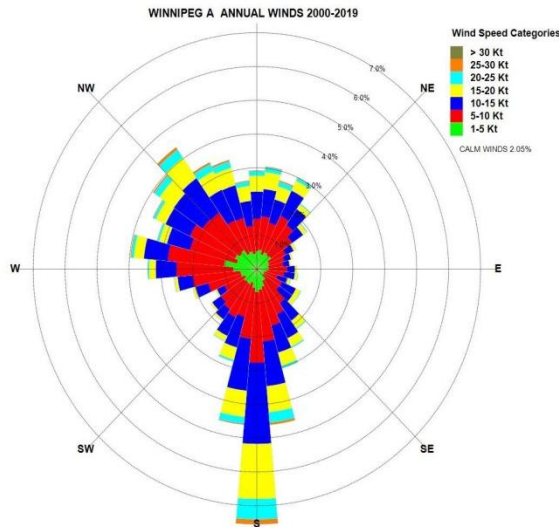
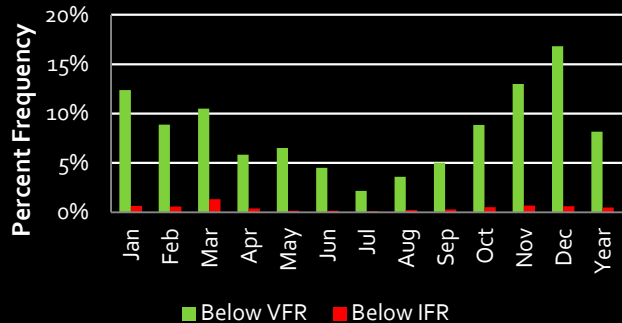
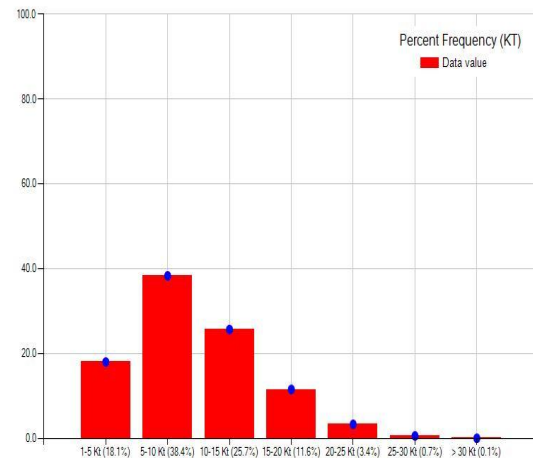


WINNIPEG A, MB

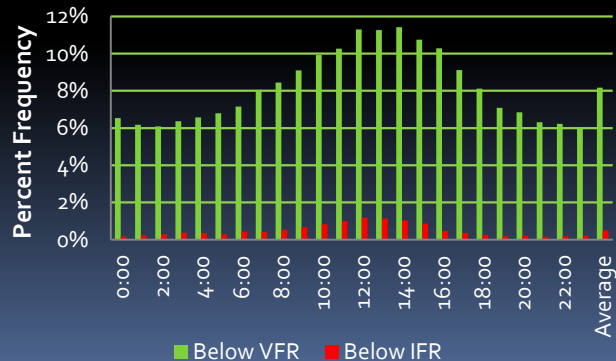
Flying Weather By Month Winnipeg A, MB 2000-2019



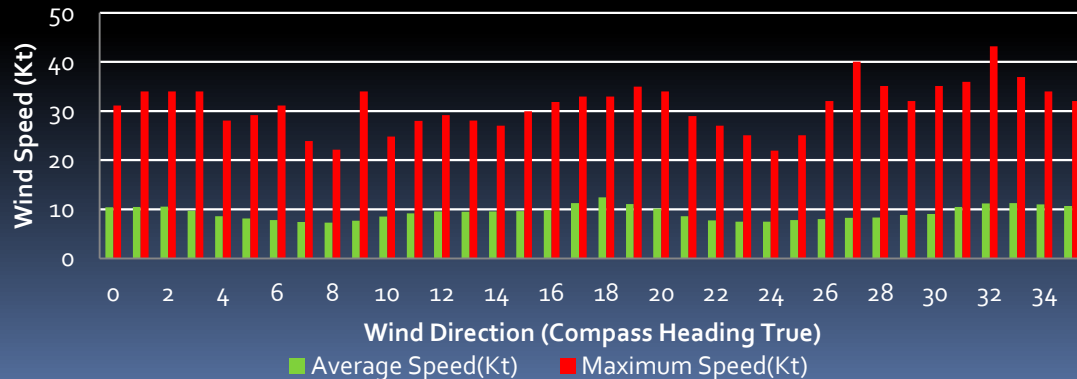
WINNIPEG A WIND SPEED FREQUENCY



Flying Weather By Time Of Day(UCT) Winnipeg A, MB 2000-2019



Wind Speed By Direction(Knots) Winnipeg A, MB 2000-2019



Winnipeg A, MB Tables

Flying Weather by Time of Day

| Hour(UCT) | Below VFR | Below IFR |
|-----------|-----------|-----------|
| 0:00 | 6.53% | 0.18% |
| 1:00 | 6.17% | 0.22% |
| 2:00 | 6.09% | 0.29% |
| 3:00 | 6.37% | 0.38% |
| 4:00 | 6.57% | 0.36% |
| 5:00 | 6.78% | 0.28% |
| 6:00 | 7.15% | 0.43% |
| 7:00 | 8.05% | 0.42% |
| 8:00 | 8.45% | 0.53% |
| 9:00 | 9.10% | 0.68% |
| 10:00 | 9.93% | 0.82% |
| 11:00 | 10.27% | 0.99% |
| 12:00 | 11.29% | 1.18% |
| 13:00 | 11.26% | 1.13% |
| 14:00 | 11.43% | 1.03% |
| 15:00 | 10.74% | 0.86% |
| 16:00 | 10.28% | 0.47% |
| 17:00 | 9.11% | 0.36% |
| 18:00 | 8.11% | 0.26% |
| 19:00 | 7.08% | 0.18% |
| 20:00 | 6.84% | 0.21% |
| 21:00 | 6.32% | 0.15% |
| 22:00 | 6.22% | 0.18% |
| 23:00 | 6.06% | 0.21% |
| Average | 8.17% | 0.49% |

Flying Weather by Month

| Category | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year |
|-----------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|
| Below VFR | 12.36% | 8.89% | 10.51% | 5.85% | 6.50% | 4.52% | 2.18% | 3.62% | 5.03% | 8.84% | 12.98% | 16.80% | 8.17% |
| Below IFR | 0.66% | 0.60% | 1.35% | 0.39% | 0.18% | 0.18% | 0.15% | 0.23% | 0.29% | 0.53% | 0.70% | 0.61% | 0.49% |

PRECIPITATION

| Canadian Normals from ECCC | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Rainfall (mm) | 0.2 | 2.7 | 9.7 | 19.2 | 54.1 | 90 | 79.5 | 77 | 45.5 | 32.7 | 6.9 | 1.5 | 418.9 |
| Snowfall (cm) | 23.7 | 12.5 | 16.5 | 10.6 | 2.6 | 0 | 0 | 0.3 | 4.8 | 19.9 | 23 | 113.7 | |
| Precipitation (mm) | 19.9 | 13.8 | 24.5 | 30 | 56.7 | 90 | 79.5 | 77 | 45.8 | 37.5 | 25 | 21.5 | 521.1 |
| Extreme Daily Rainfall (mm) | 3.8 | 20 | 33.6 | 36 | 60.2 | 69.8 | 83.6 | 83.8 | 65 | 74.4 | 19 | 21.8 | |
| Extreme Daily Snowfall (cm) | 23 | 23.6 | 35.6 | 22 | 29 | 0.3 | 0 | 0 | 5.8 | 24.6 | 27.7 | 21.6 | |
| Extreme Daily Precipitation (mm) | 22.5 | 23.6 | 35.6 | 44.1 | 60.2 | 69.8 | 83.6 | 83.8 | 65 | 74.4 | 27.7 | 21.8 | |
| Extreme Snow Depth (cm) | 91 | 89 | 85 | 61 | 18 | 0 | 0 | 0 | 2 | 18 | 55 | 81 | |

DAYS WITH RAINFALL

| Canadian Normals from ECCC | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| >= 0.2 mm | 0.67 | 0.93 | 2.9 | 5.1 | 11.3 | 13.3 | 11.4 | 10.7 | 10.3 | 7.9 | 3 | 0.84 | 78.3 |
| >= 5 mm | 0 | 0.15 | 0.67 | 1.2 | 3.5 | 5.1 | 4.3 | 3.8 | 2.7 | 1.8 | 0.48 | 0.04 | 23.7 |
| >= 10 mm | 0 | 0.11 | 0.22 | 0.48 | 1.6 | 2.7 | 2.6 | 2 | 1.6 | 1.1 | 0.15 | 0.04 | 12.6 |
| >= 25 mm | 0 | 0 | 0.07 | 0.04 | 0.3 | 0.78 | 0.63 | 0.81 | 0.19 | 0.15 | 0 | 0 | 3 |

DAYS WITH SNOWFALL

| | | | | | | | | | | | | | |
|-----------|------|------|------|------|------|---|---|---|------|------|------|------|------|
| >= 0.2 cm | 12.4 | 7.7 | 7.4 | 2.9 | 0.56 | 0 | 0 | 0 | 0.11 | 2.3 | 8.6 | 11.5 | 53.5 |
| >= 5 cm | 1.2 | 0.56 | 0.89 | 0.74 | 0.15 | 0 | 0 | 0 | 0.04 | 0.23 | 1.1 | 1.2 | 6.1 |
| >= 10 cm | 0.23 | 0.11 | 0.33 | 0.33 | 0.07 | 0 | 0 | 0 | 0 | 0.12 | 0.41 | 0.35 | 2 |
| >= 25 cm | 0 | 0 | 0 | 0 | 0.04 | 0 | 0 | 0 | 0 | 0 | 0.04 | 0 | 0.08 |

TEMPERATURE

| Canadian Normals from ECCC | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year |
|----------------------------|-------|-------|-------|-------|-------|------|------|------|------|-------|------|-------|------|
| Daily Average (°C) | -16.4 | -13.2 | -5.8 | 4.4 | 11.6 | 17 | 19.7 | 18.8 | 12.7 | 5 | -4.9 | -13.2 | 3 |
| Standard Deviation | 4.1 | 4.2 | 3.1 | 2.7 | 2.1 | 2 | 1.4 | 1.9 | 1.3 | 1.8 | 3.6 | 4.4 | 1.2 |
| Daily Maximum (°C) | -11.3 | -8.1 | -0.8 | 10.9 | 18.6 | 23.2 | 25.9 | 25.4 | 19 | 10.5 | -0.5 | -8.5 | 8.7 |
| Daily Minimum (°C) | -21.4 | -18.3 | -10.7 | -2 | 4.5 | 10.7 | 13.5 | 12.1 | 6.4 | -0.5 | -9.2 | -17.8 | -2.7 |
| Extreme Maximum (°C) | 7.8 | 11.7 | 23.3 | 34.3 | 37 | 37.8 | 37.8 | 40.6 | 38.8 | 30.5 | 23.9 | 11.7 | |
| Extreme Minimum (°C) | -42.2 | -45 | -37.8 | -26.3 | -11.1 | -3.3 | 1.1 | 0 | -7.2 | -17.2 | -34 | -37.8 | |

AVIATION WEATHER HAZARDS

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year |
|-----------------------------------|-----|-----|------|-----|------|-----|-----|------|-----|------|------|-----|------|
| Hrs. of Freezing Precip. Per Year | 6.1 | 1.6 | 1.85 | 0.2 | 0.2 | 0 | 0 | 0 | 0 | 0.20 | 3.45 | 5.2 | 18.8 |
| Hrs. of Thunderstorms Per Year | 0 | 0 | 0.05 | 0.6 | 2.55 | 6.2 | 6.8 | 7.25 | 3.4 | 0.1 | 0.15 | 0 | 27.1 |