

DAILY WEATHER SUMMARY FOR APRIL, 1997 AT WINNIPEG, MANITOBA

1. Mainly sunny. Maximum temperature above normal, minimum well above normal. Winds light to moderate.
2. Variable cloudiness with a trace of snow overnight. Maximum temperature near normal, minimum above normal. Winds light to moderate.
3. Variable cloudiness. Maximum temperature near normal, minimum above normal. Winds light to moderate.
4. Mainly cloudy with rain and snow beginning in evening. Maximum temperature slightly below normal, minimum near normal. Winds light to moderate, increasing to strong late evening.
5. Overcast with freezing rain, ice pellets, snow and blowing snow reducing visibility to less than one kilometre throughout the day. Maximum temperature well below normal, minimum below normal. Winds strong gusting to gale.
6. Overcast with snow and blowing snow reducing visibility at times to zero. Temperatures well below normal. Winds strong gusting to gale.
7. Overcast with snow and blowing snow ending by evening. Temperatures well below normal. Winds strong decreasing to moderate by afternoon.
8. Mainly sunny. Temperatures well below normal. Winds light to moderate.
9. Mainly sunny. Temperatures well below normal. Winds light.
10. Clear. Temperatures well below normal. Winds light.
11. Clear. Temperatures well below normal. Winds light.
12. Clear. Temperatures well below normal. Winds light.
13. Mainly sunny. Maximum temperature below normal, minimum well below normal. Winds light increasing to moderate by noon.
14. Variable cloudiness with flurries late evening. Maximum temperature well below normal, minimum near normal. Winds moderate to strong.
15. Variable cloudiness. Temperatures well below normal. Winds strong decreasing to moderate in afternoon then light late evening.
16. Mainly sunny. Temperatures well below normal. Winds light.
17. Variable cloudiness. Maximum temperature below normal, minimum slightly below normal. Winds moderate to strong.
18. Mainly sunny. Maximum temperature slightly below normal, minimum near normal. Winds light.
19. Mainly sunny. Temperatures near normal. Winds light.
20. Mainly sunny. Maximum temperature slightly below normal, minimum near normal. Winds light.
21. Mainly sunny. Maximum temperature slightly below normal, minimum near normal. Winds light to moderate.
22. Mainly sunny. Temperatures near normal. Winds light to normal.
23. Variable cloudiness. Maximum temperature near normal, minimum slightly above normal. Winds light.
24. Mainly sunny. Temperatures near normal. Winds light.
25. Mainly cloudy with rain showers. Temperatures near normal. Winds light.
26. Mainly cloudy with rain showers. Temperatures slightly above normal. Winds light.
27. Mainly sunny. Maximum temperature slightly above normal, minimum near normal. Winds light.
28. Mainly cloudy with rain showers. Temperatures near normal. Winds light to moderate.
29. Mainly cloudy with a few flurries. Temperatures below normal. Winds moderate to strong decreasing to light by evening.
30. Variable cloudiness. Maximum temperature well below normal, minimum slightly below normal. Winds light.

Hourly Relative Humidity at:  
Humidite Horaire a:

Winnipeg Int'l Airport

April 1997  
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Hour ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
D 1	70	73	73	74	76	77	77	78	74	74	68	68	64	66	69	71	75	82	85	90	85	85	75	78	75	
A 2	79	77	81	80	74	75	75	78	75	76	72	68	68	67	70	70	73	75	74	77	79	81	82	83	75	
T 3	83	85	83	84	83	85	87	85	79	80	80	75	72	75	77	71	73	75	78	80	81	82	84	84	80	
E 4	89	91	92	95	94	93	94	90	88	90	90	89	88	88	87	86	83	81	80	82	82	84	81	82	87	
5	81	83	88	88	87	87	86	87	86	87	87	87	88	100	90	85	88	88	89	89	89	89	89	88	88	
6	88	88	88	87	87	86	87	86	87	87	87	86	85	87	88	85	86	86	85	85	86	84	84	84	86	
7	85	86	85	85	84	86	83	85	84	84	83	82	78	82	80	82	82	83	84	84	77	78	74	73	82	
8	69	68	67	60	58	59	59	58	58	60	55	55	55	53	52	49	48	48	51	52	58	65	64	69	59	
9	69	67	61	70	67	67	68	67	68	70	72	70	70	56	53	57	48	47	52	58	58	63	62	64	62	
10	62	62	61	66	68	67	69	70	67	65	62	62	57	52	53	50	52	49	53	60	65	65	63	63	61	
11	71	80	73	83	85	81	80	81	77	72	66	62	54	62	61	67	65	62	60	64	75	76	77	82	72	
12	84	87	89	92	90	84	81	84	84	78	64	64	68	75	76	68	75	73	74	78	78	76	84	81	79	
13	86	86	89	89	89	89	91	84	84	63	62	61	66	68	73	72	74	72	74	78	81	84	81	81	78	
14	82	83	80	82	82	78	76	76	73	72	74	76	78	80	82	82	83	86	83	87	95	96	96	95	82	
15	92	89	85	83	82	81	82	80	77	77	75	72	67	66	62	57	53	57	60	64	58	63	68	70	72	
16	72	79	79	79	83	86	79	66	71	70	70	69	62	59	63	53	57	55	47	54	68	78	73	74	69	
17	69	63	61	67	66	71	74	75	74	75	73	71	70	71	71	73	74	78	77	79	85	86	90	91	74	
18	93	94	94	93	89	84	87	94	88	87	85	83	81	82	82	78	80	77	79	78	81	74	81	87	85	
19	86	85	85	86	91	87	91	90	90	87	83	90	89	87	85	71	69	69	78	85	89	89	92	95	86	
20	94	96	95	96	96	95	96	96	96	94	90	82	79	74	74	75	68	69	69	84	81	86	90	87	86	
21	84	85	78	80	86	90	89	83	73	74	76	74	71	68	62	59	59	67	73	82	88	85	89	77		
22	88	89	88	87	87	87	86	84	80	74	72	73	67	65	63	60	57	60	60	73	81	88	76	76		
23	80	83	91	87	87	88	90	88	87	82	79	73	69	62	56	47	47	57	57	85	81	85	82	75		
24	89	81	82	88	90	87	89	90	86	82	67	60	53	55	52	58	55	49	65	65	82	86	89	89	74	
25	86	86	89	90	91	94	95	94	94	90	91	88	86	77	70	66	63	61	67	71	82	87	87	88	82	
26	89	90	89	93	96	97	96	97	94	94	90	82	77	73	69	71	78	88	90	94	92	90	85	84	87	
27	80	85	88	87	86	86	86	84	82	74	61	46	45	45	41	34	32	35	40	48	65	71	71	80	65	
28	83	85	85	87	84	81	77	76	76	68	67	69	69	73	66	93	95	92	80	81	87	78	73	70	79	
29	71	69	73	74	80	81	81	76	78	79	79	77	71	70	66	71	71	72	68	76	80	80	78	76	74	
30	74	74	77	75	73	74	74	73	71	70	69	67	66	62	62	60	58	58	60	58	56	56	62	70	67	
Mean	81	82	82	83	83	83	83	82	80	78	75	73	70	70	68	67	68	68	69	73	78	79	79	81	76	
Moyenne																										

Note/AVIS: 1. Climatological Day/Journee Climatologique 0001 C.S.T. - 0000 C.S.T.  
2. Hours are C.S.T./Les heures sont a l'heure normale de la localite  
3. Unit/Unite = percent/pour cent

Hour ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Wind Speed in km/hr	Peak Wind Speed	Time																			
18	S	S	S	SW	W	W	W	W	WNW	WNW	W	WNW	WNW	W	WNW	W	WNW	W	WNW	W	WNW	C	W	WNW	19	15	15	17	15	17	19	17	19	15	13	7	13	17	13	17	15	15	13	15	6	0	11	13	31	16	9		
19	NW	NW	NW	NW	NW	C	N	C	WNW	WNW	C	NW	NW	NW	N	NNE	NNE	N	NNE	NNE	N	N	N	N	NW	20	11	13	9	7	7	0	4	0	7	4	0	11	13	11	9	11	11	9	7	9	11	9	4	9	33	15	8
20	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NNE	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	21	9	7	7	4	6	11	9	6	7	7	9	7	15	13	13	11	9	6	7	15	4	9	9	35	10	7	
21	ENE	E	E	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	22	7	7	11	7	13	11	9	11	13	11	15	19	19	20	28	28	28	26	22	17	15	15	13	31	16	9	
22	NNE	NNE	NNE	NNE	NE	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	23	15	15	13	11	13	9	13	15	13	13	13	19	15	24	22	24	24	20	19	13	11	15	15	19	31	16	9	
23	NE	NNE	N	N	N	N	N	N	N	NNE	N	N	N	N	N	NNE	NNE	N	NNE	NNE	N	NNE	N	NNE	24	15	7	6	9	11	9	7	9	7	9	9	11	11	15	15	15	13	13	13	11	7	9	7	31	16	9		
24	N	N	N	NE	NNE	NE	NNE	NW	NW	NW	NE	NNE	N	NW	NNE	WNW	NW	NW	NW	NW	NW	NW	NW	NW	25	9	9	11	0	7	7	7	6	7	9	6	0	9	11	6	7	7	0	6	0	6	13	17	4	31	16	9	
25	WNW	NW	N	C	W	WNW	WSW	SW	NW	NW	C	WSW	WSW	W	W	SSW	C	S	C	S	S	S	SE	ESE	26	9	9	11	0	7	7	7	6	7	9	6	0	9	11	6	7	7	0	6	0	6	13	17	4	31	16	9	
26	ENE	E	ESE	E	N	NE	NE	N	N	N	N	N	N	N	NNE	NNE	NNE	N	NW	NW	N	N	N	NW	27	15	17	13	11	7	13	17	19	22	28	28	20	13	19	15	11	19	19	22	22	19	13	9	7	31	16	9	
27	NW	NW	WNW	NW	NW	NW	N	N	NNE	NNE	NE	NE	ENE	NNE	NE	E	SE	S	SSW	SSW	SSW	SSW	S	SSE	28	15	11	13	9	13	13	13	11	20	20	20	22	19	13	13	6	6	11	9	11	13	6	9	7	31	16	9	
28	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	SSW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	29	13	13	17	15	20	22	24	30	30	30	43	44	41	39	26	28	26	20	19	22	20	19	13	15	28	31	16	9
29	W	W	NW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	N	N	NNE	NNE	N	NNE	N	N	30	28	28	22	30	30	31	33	43	37	43	41	43	39	37	31	26	26	26	22	22	19	17	15	17	31	16	9	
30	N	N	N	N	NE	NNE	NE	N	N	ENE	ENE	NW	NW	NW	NNE	NNE	NNE	N	ENE	ENE	NE	-E	ENE	NNE	13	9	11	11	11	11	15	13	9	11	11	4	7	4	6	11	17	9	7	15	9	4	4	7	31	16	9		

EQUAL TO OR OVER ->

10 15 20 25 30 35 40 45 50 55 60 65 70

547 406 296 213 165 123 89 61 47 25 9 4 0  
 30 28 19 16 13 12 10 6 5 2 2 2 1 0  
 132 103 95 73 67 53 47 44 35 15 2 2 0

Hour ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
D 1	-19	-16	-8	-10	-9	-5	-3	0	1	3	4	6	2	2	5	7	8	10	16	13	10	14	-1	-7	1	
A 2	-14	-22	-23	-30	-35	-29	-40	-34	-28	-22	-24	-29	-29	-29	-24	-25	-24	-27	-32	-32	-30	-30	-28	-27	-29	
T 3	-28	-19	-18	-18	-20	-25	-27	-31	-31	-21	-13	-14	-13	-6	-1	5	13	11	12	9	10	10	10	11	-9	
E 4	4	10	13	8	6	1	-4	-1	-2	8	9	9	8	-3	2	2	-1	-14	-26	-40	-48	-59	-60	-72	-14	
5	-73	-75	-76	-80	-85	-89	-91	-91	-93	-92	-95	-96	-98	-9	-97	-95	-88	-94	-95	-96	-100	-108	-114	-120	-91	
6	-124	-129	-133	-133	-136	-140	-149	-154	-159	-161	-161	-161	-160	-155	-165	-152	-149	-149	-150	-150	-156	-161	-165	-168	-167	
7	-167	-169	-171	-173	-177	-179	-183	-183	-183	-181	-173	-171	-173	-164	-164	-160	-154	-150	-144	-150	-154	-157	-162	-171	-168	
8	-179	-186	-190	-211	-215	-220	-226	-232	-229	-230	-220	-210	-204	-199	-193	-190	-194	-186	-195	-195	-206	-218	-220	-227	-208	
9	-232	-228	-246	-253	-256	-248	-244	-243	-227	-204	-179	-163	-168	-166	-154	-170	-171	-173	-167	-170	-173	-173	-177	-177	-199	
10	-183	-188	-198	-210	-202	-200	-210	-203	-190	-173	-159	-134	-130	-126	-113	-116	-105	-110	-110	-105	-104	-107	-116	-127	-153	
11	-146	-173	-159	-160	-161	-152	-144	-143	-127	-107	-100	-91	-81	-64	-60	-41	-35	-40	-47	-50	-50	-57	-64	-71	-98	
12	-93	-102	-111	-118	-101	-120	-134	-128	-115	-94	-71	-79	-60	-40	-30	-38	-23	-28	-35	-42	-47	-62	-76	-77	-76	
13	-87	-102	-91	-93	-113	-107	-100	-96	-70	-63	-61	-53	-38	-29	-18	-16	-9	-10	-11	-13	-18	-21	-22	-27	-54	
14	-31	-36	-42	-46	-45	-48	-49	-45	-41	-35	-24	-17	-13	-8	-6	-2	0	0	2	10	14	15	1	4	-19	
15	-14	-38	-55	-65	-74	-81	-85	-92	-101	-107	-110	-99	-95	-90	-88	-96	-102	-94	-95	-98	-115	-113	-112	-115	-90	
16	-122	-119	-139	-138	-140	-133	-130	-141	-127	-116	-100	-84	-91	-97	-82	-88	-78	-83	-108	-102	-85	-77	-83	-87	-107	
17	-92	-102	-104	-92	-91	-77	-68	-59	-53	-37	-32	-31	-30	-24	-22	-14	-8	-4	0	3	8	8	12	12	-38	
18	9	8	8	3	3	6	-1	10	11	16	20	24	33	34	42	43	49	33	31	17	13	14	9	3	18	
19	-5	-10	-11	-14	-15	-15	-21	-16	-1	10	25	39	44	49	55	52	47	48	51	38	23	20	17	4	20	
20	-5	-7	-9	-9	-6	-14	-13	-5	4	16	25	29	31	34	31	40	28	25	26	42	23	18	8	0	13	
21	-8	-17	-15	-25	-33	-32	-26	-10	-7	-7	13	23	27	29	21	12	13	17	19	13	5	-3	-7	-9	1	
22	-11	-14	-20	-24	-26	-29	-23	-13	-7	-3	3	3	14	25	30	27	26	20	23	30	12	12	10	5	4	
23	4	-2	10	8	5	3	4	3	8	6	9	10	19	23	21	32	14	13	31	31	41	33	20	17	15	
24	25	13	12	14	3	-2	2	10	24	32	31	31	26	34	48	37	54	39	18	38	34	33	23	20	25	
25	8	5	11	10	20	25	26	38	37	32	37	39	55	56	43	46	43	32	29	38	41	54	53	55	35	
26	56	54	55	55	56	55	51	46	46	44	53	49	49	59	54	45	49	61	56	51	29	26	14	8	47	
27	-4	-9	-16	-29	-23	-24	-22	-12	2	7	-8	-35	-32	-27	-38	-58	-60	-45	-32	-18	4	3	-4	8	-21	
28	-6	-1	1	15	24	25	17	28	32	36	41	51	56	70	68	92	96	87	78	72	72	51	43	32	45	
29	29	15	5	-9	-7	-21	-32	-45	-45	-48	-46	-43	-49	-51	-63	-55	-56	-52	-55	-61	-62	-62	-70	-66	-41	
30	-67	-69	-63	-64	-69	-68	-67	-65	-62	-63	-60	-61	-53	-49	-40	-36	-25	-29	-24	-38	-67	-66	-57	-53	-56	
Mean	-53	-58	-61	-64	-65	-66	-67	-64	-58	-52	-46	-42	-40	-31	-32	-31	-29	-31	-32	-33	-37	-40	-46	-48	-48	
Hoyenne																										

\*Temperatures In Tenths of Degrees Celsius  
\*Temperatures En Dixieme Degres Celsius

**WINNIPEG INT'L AIRPORT** **April 1997**  
**Avril 1997**

COMPARATIVE RECORDS AT: RECORD FOR THE MONTH  
 RELEVÉS COMPARATIFS À: RECORD POUR LE MOIS

		THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	HIGHEST EVER MAXIMUM ABSOLU			LOWEST EVER MINIMUM ABSOLU			NO OF YEARS NO D'ANNÉES
		VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR		VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE	°CELSIUS	14.2	24	12.4	29		34.3	21	1980				125
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE	°CELSIUS	-21.6	9	-22.9	1					-27.8	3	1932	125
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	°CELSIUS	-0.8		-1.6		3.8	9.4		1915	-2.8		1893	125
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	Millimetres (mm) Millimètres (mm)	15.8		17.2		26.4	138.2		1896	0.0		1907	125
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	Centimetres (cm) Centimètres (cm)	48.6		38.4		9.4	48.6		1997	0.0		1980	125
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	Millimetres (mm) Millimètres (mm)	76.6		53.6		35.9	143.3		1896	TR		1980	125
NUMBER OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MESURABLE		9		8		8	17		1924				125
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	Millimetres (mm) Millimètres (mm)	7.6	25	14.0	24		36.6	30	1896				125
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	Centimetres (cm) Centimètres (cm)	22.0	5	14.0	8		33.0	12	1872				125
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	Millimetres (mm) Millimètres (mm)	35.0	5	21.2	24		44.1	30	1986				125
MAXIMUM RAINFALL RECORDED IN HAUTEUR DE PLUIE ENREGISTRÉE EN													
5 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		3.4	27	1984				44
10 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		5.6	14	1976				44
15 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		6.6	14	1976				44
30 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		7.5	24	1989				44
60 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		13.0	19	1961				44
24 CONSECUTIVE HOURS HEURES CONSECUTIVES	Millimetres (mm) Millimètres (mm)	7.6	25	14.0	24		43.7	13	1911				125
MEAN WIND SPEED (KM/H) VITESSE MOYENNE DU VENTS (KM/H)		20.5		17.8		20.0	26.2		1943	13.8		1972	76
MAXIMUM WIND SPEED (2 MIN MEAN) (KM/H) VITESSE MAXIMALE (MOYENNE SUR 2 MIN.) (KM/H)		N 65	6	S 48	17		NNE110	13	1964				58
MAXIMUM GUST SPEED (KM/H) VITESSE DU VENT MAXIMALE (KM/H)		N 83	5	S 67	17		N106	3	1963				50
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		250.5		225.9		232.4	326.7		1980	118.6		1924	115
MEAN STATION PRESSURE (KPa) PRESSION MOYENNE À LA STATION (KPa)		98.69		98.69		98.64	99.08		1944	98.10		1955	58
GREATEST STATION PRESSURE (KPa) PRESSION MAXIMAL À LA STATION (KPa)		100.97	8	100.29	4		102.79	12	1950				58
LEAST STATION PRESSURE (KPa) PRESSION MINIMALE À LA STATION (KPa)		96.41	6	96.50	18					95.24	16	1963	58

**CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST 10 YEARS**  
**DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES 10 DERNIÈRES ANNÉES**

YEAR ANNÉE	MAXIMUM TEMPERATURE MAXIMALE	MINIMUM TEMPERATURE MINIMALE	MEAN TEMPERATURE MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP. TOTALE	MEAN WIND SPEE VITESSE DES VENTS	MAXIMUM WIND SPEED VITESSE MAXIMALE DES VENTS	SUNSHINE HOURS HEURES INSOLATION	HEATING DEGREE DAYS DEGRES-JOURS DE CHAUFFE	GROWING DEGREE DAYS DEGRES-JOURS DE CROISSANCE	COOLING DEGREE DAYS DEGRES-JOURS DE REFRIGERATION	S.A.S A.S.N.
1988	26.0	-13.2	5.1	0.4	0.4	0.8	18.9	NW 52	298.2	389.3	71.8	1.7	0.4
1989	22.9	-11.8	2.6	8.8	6.9	15.9	17.7	S 44	263.0	461.7	31.2	0.0	8.8
1990	31.1	-12.7	2.8	14.0	8.0	19.8	20.0	WNW 43	223.7	461.1	75.1	5.2	14.0
1991	25.7	-7.9	7.2	47.0	23.4	79.3	18.2	SE 61	225.1	323.6	99.3	0.0	47.0
1992	20.3	-12.0	2.5	25.8	11.8	35.8	19.6	NNE 56	142.6	464.8	37.8	0.0	25.8
1993	19.9	-10.0	4.3	24.2	TR	24.2	14.0	S 43	231.7	411.4	29.5	0.0	24.2
1994	25.5	-13.7	3.5	9.6	9.2	18.6	19.3	M 59	279.1	435.6	42.5	0.0	9.6
1995	16.0	-18.8	0.5	1.9	9.1	9.0	16.1	NNE 48	202.9	527.0	8.7	0.0	1.9
1996	12.4	-22.9	-1.6	53.6	38.4	53.6	17.8	SSE 48	225.9	588.7	5.2	0.0	72.3