

CHARLOTTE FIRE DEPARTMENT

FIRE RUN TOTALS

	2011		2012		2013		2014		2015		2016	
	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE
JANUARY	52	-- 52	40	-- 40	46	-- 46	56	-- 56	42	-- 42	46	-- 46
FEBRUARY	35	-- 87	44	-- 84	46	-- 92	28	-- 84	40	-- 82	60	-- 106
MARCH	34	-- 121	54	-- 138	48	-- 140	47	-- 131	51	-- 133	50	-- 156
APRIL	42	-- 163	33	-- 171	54	-- 194	48	-- 179	59	-- 192	--	--
MAY	66	-- 229	33	-- 204	63	-- 257	39	-- 218	54	-- 246	--	--
JUNE	44	-- 273	45	-- 249	43	-- 300	52	-- 270	45	-- 291	--	--
JULY	67	-- 340	89	-- 338	33	-- 333	36	-- 306	62	-- 353	--	--
AUGUST	55	-- 395	29	-- 367	41	-- 374	56	-- 362	44	-- 397	--	--
SEPTEMBER	43	-- 438	47	-- 414	37	-- 411	60	-- 422	54	-- 451	--	--
OCTOBER	57	-- 495	38	-- 452	44	-- 455	49	-- 471	48	-- 499	--	--
NOVEMBER	78	-- 573	35	-- 487	76	-- 531	42	-- 513	55	-- 554	--	--
DECEMBER	58	-- 631	49	-- 536	156	-- 687	53	-- 566	41	-- 595	--	--

	2016		DEVIATION FROM LAST YEAR		5 YEAR AVERAGE		DEVIATION FROM 5 YR AVERAGE		15 YEAR AVERAGE		DEVIATION FROM 15 YR AVERAGE	
	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE	RUNS THIS MONTH	YEAR TO DATE
JANUARY	46	-- 46	4	4	47	47	-1	-1	43	43	3	3
FEBRUARY	60	-- 106	20	24	39	86	21	20	38	81	22	25
MARCH	50	-- 156	-1	23	47	133	3	23	46	127	4	29
APRIL	--	--	--	--	47	180	--	--	45	172	--	--
MAY	--	--	--	--	51	231	--	--	48	220	--	--
JUNE	--	--	--	--	46	277	--	--	47	267	--	--
JULY	--	--	--	--	57	334	--	--	52	319	--	--
AUGUST	--	--	--	--	45	379	--	--	43	363	--	--
SEPTEMBER	--	--	--	--	48	427	--	--	44	406	--	--
OCTOBER	--	--	--	--	47	474	--	--	45	452	--	--
NOVEMBER	--	--	--	--	57	532	--	--	42	494	--	--
DECEMBER	--	--	--	--	71	603	--	--	53	547	--	--

MOST / LEAST RUNS PER MONTH 1976 THRU 2016

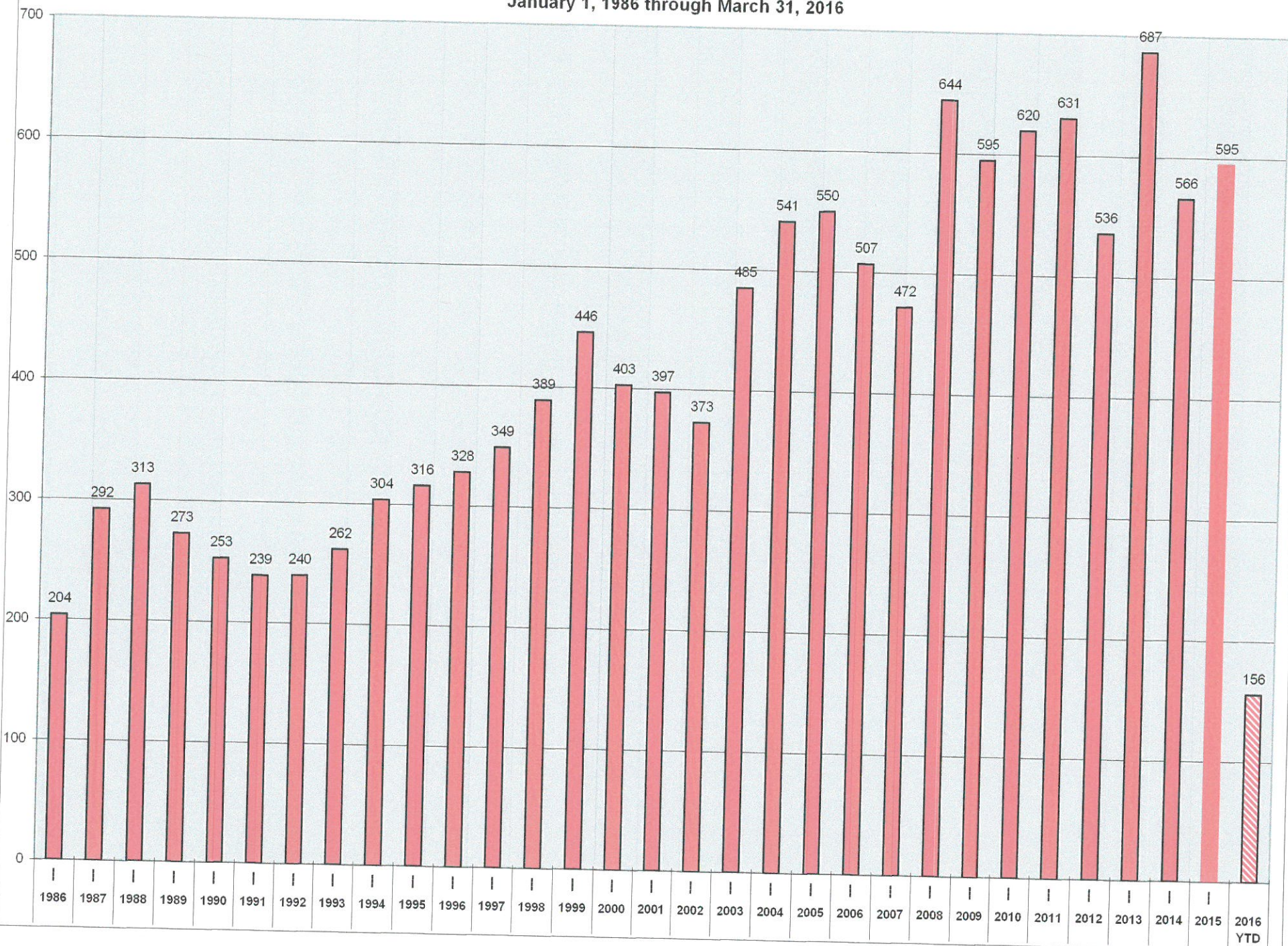
	MOST		LEAST		TOTAL		TOTAL		TOTAL	
	YEAR	RUNS	YEAR	RUNS	YEAR	RUNS	YEAR	RUNS	YEAR	RUNS
JANUARY	2014	= 56	1976	= 7	1986	= 204	1998	= 389	2010	= 620
FEBRUARY	2016	= 60	82,86	= 9	1987	= 292	1999	= 446	2011	= 631
MARCH	2009	= 68	78,80	= 15	1988	= 313	2000	= 403	2012	= 536
APRIL	1984	= 68	1983	= 10	1989	= 273	2001	= 397	2013	= 687
MAY	2004	= 67	1983	= 9	1990	= 253	2002	= 373	2014	= 566
JUNE	2008	= 82	1993	= 13	1991	= 239	2003	= 485	2015	= 595
JULY	2012	= 89	1982	= 11	1992	= 240	2004	= 541	2016 YTD	= 156
AUGUST	2007, 14	= 56	1978	= 14	1993	= 262	2005	= 550		
SEPTEMBER	2008	= 69	1977	= 8	1994	= 304	2006	= 507		
OCTOBER	2010	= 67	1985	= 6	1995	= 316	2007	= 472		
NOVEMBER	2011	= 78	1985	= 6	1996	= 328	2008	= 644		
DECEMBER	2013	= 156	1982	= 9	1997	= 349	2009	= 595		
TOTAL		916	TOTAL	117						

Total Fire Runs since January 1, 1976 = 15254

Average per year = 379

<u>MONTH</u>	<u>RUNS</u>	<u>MONTH</u>	<u>RUNS</u>	<u>MONTH</u>	<u>RUNS</u>	<u>MONTH</u>	<u>RUNS</u>	<u>MONTH</u>	<u>RUNS</u>	<u>MONTH</u>	<u>RUNS</u>	<u>MONTH</u>	<u>RUNS</u>	<u>MONTH</u>	<u>RUNS</u>
Oct-86	8	Jan-98	19	Mar-93	24	Mar-86	29	Apr-87	35	Nov-04	40	Apr-01	46	May-99	55
Feb-86	9	Feb-89	20	Aug-93	24	Jul-93	29	Dec-94	35	Feb-07	40	Jul-03	46	Aug-05	55
Sep-91	9	Jun-89	20	Apr-98	24	Mar-94	29	Jan-02	35	Apr-07	40	Nov-05	46	Jul-06	55
Jan-86	12	Apr-90	20	Feb-99	24	Apr-97	29	Oct-03	35	Jan-12	40	Oct-06	46	Aug-11	55
Apr-86	12	Mar-91	20	Aug-00	24	Apr-00	29	Dec-04	35	Feb-15	40	Oct-09	46	Nov-15	55
Jan-89	12	Feb-93	20	Jun-87	25	Jul-01	29	Feb-05	35	Oct-97	41	Apr-10	46	May-03	56
Dec-90	12	May-94	20	Mar-88	25	Aug-12	29	Jun-05	35	Nov-98	41	Jan-13	46	Aug-07	56
Jan-91	12	Apr-95	20	Nov-89	25	Nov-86	30	Oct-05	35	Jan-03	41	Feb-13	46	Jan-14	56
Apr-92	12	Feb-96	20	Jan-90	25	Apr-94	30	Mar-08	35	Mar-05	41	Jan-16	46	Aug-14	56
Sep-87	13	Nov-97	20	Jan-94	25	Aug-99	30	Nov-09	35	Aug-10	41	Aug-09	47	Apr-09	57
Dec-88	13	Dec-97	20	Sep-94	25	Sep-01	30	Jan-10	35	Aug-13	41	Nov-10	47	Mar-10	57
Feb-91	13	Feb-98	20	Aug-95	25	Jul-02	30	Feb-11	35	Dec-15	41	Sep-12	47	Oct-11	57
Dec-91	13	Nov-02	20	Oct-95	25	Sep-07	30	Nov-12	35	Oct-99	42	Mar-14	47	Mar-97	58
Jun-93	13	Feb-87	21	Jun-96	25	Mar-95	31	Dec-96	36	May-00	42	Dec-08	48	Dec-10	58
Jul-86	14	Aug-87	21	Jul-96	25	Aug-97	31	Mar-99	36	Jun-02	42	Mar-13	48	Dec-11	58
Nov-92	14	Mar-89	21	May-97	25	Sep-99	31	Oct-00	36	Dec-03	42	Apr-14	48	Jun-98	59
Jun-86	15	Jul-89	21	Sep-97	25	Dec-99	31	May-07	36	Feb-06	42	Oct-15	48	Oct-04	59
Jan-87	15	Oct-89	21	Feb-00	25	Oct-01	31	Jul-14	36	Jun-06	42	Jan-09	49	Sep-05	59
Oct-88	15	Aug-90	21	Feb-02	25	Dec-01	31	Oct-96	37	Aug-06	42	May-09	49	May-08	59
Aug-92	15	Oct-90	21	Sep-02	25	Mar-02	31	Jun-99	37	Dec-07	42	Dec-09	49	Jun-09	59
Nov-93	15	Jan-92	21	May-87	26	Jun-04	31	Feb-03	37	Aug-08	42	Dec-12	49	Apr-15	59
May-86	16	May-92	21	Apr-91	26	Sep-04	31	Nov-03	37	Apr-11	42	Oct-14	49	Sep-14	60
Aug-86	16	Oct-93	21	Oct-92	26	Feb-10	31	Jun-07	37	Nov-14	42	Feb-04	50	Feb-16	60
Sep-88	16	Aug-94	21	Dec-92	26	Jun-92	32	Jul-07	37	Jan-15	42	Jul-04	50	Mar-06	61
Jun-91	16	Oct-94	21	Jun-97	26	Jun-95	32	Sep-13	37	Aug-01	43	Mar-16	50	Jun-10	62
Sep-96	16	Aug-96	21	Dec-98	26	Jul-98	32	May-89	38	Jan-04	43	Jul-99	51	Jul-15	62
Oct-87	17	Dec-89	22	Feb-01	26	Aug-98	32	Mar-00	38	Mar-07	43	Dec-06	51	Jul-05	63
Nov-87	17	Mar-90	22	Mar-01	26	Sep-98	32	Sep-00	38	Jul-09	43	Oct-08	51	May-13	63
May-91	17	Dec-93	22	Nov-01	26	Apr-99	32	Jun-01	38	Sep-11	43	Mar-15	51	May-11	66
Feb-92	17	Mar-98	22	Nov-06	26	Jun-00	32	Aug-04	38	Jun-13	43	Mar-04	52	May-04	67
Feb-88	18	Aug-02	22	Aug-89	27	Dec-00	32	Jan-05	38	Nov-99	44	Feb-08	52	Oct-10	67
May-88	18	Dec-87	23	Aug-91	27	May-01	32	Sep-06	38	May-02	44	Apr-08	52	Jul-11	67
Sep-89	18	May-90	23	Mar-96	27	Dec-02	32	Oct-07	38	Jun-03	44	May-10	52	Mar-09	68
Oct-91	18	Sep-90	23	Jul-00	27	May-06	32	Oct-12	38	Dec-05	44	Jan-11	52	Sep-08	69
Jul-92	18	Nov-91	23	Nov-00	27	Apr-93	33	Jul-87	39	Jun-11	44	Jun-14	52	Jul-08	70
Feb-95	18	Sep-93	23	Sep-03	27	Jun-94	33	Jan-01	39	Feb-12	44	Jun-88	53	Jul-10	70
Dec-95	18	Feb-94	23	Apr-06	27	Jan-99	33	Jan-07	39	Oct-13	44	Jan-00	53	Nov-13	76
Sep-86	19	Jul-94	23	Aug-88	28	Apr-02	33	Nov-08	39	Aug-15	44	Dec-14	53	Nov-11	78
Jun-90	19	Jan-95	23	Apr-89	28	Apr-12	33	Feb-09	39	Jul-88	45	May-98	54	Jun-08	82
Nov-90	19	Feb-97	23	May-95	28	May-12	33	May-14	39	Jul-91	45	Apr-05	54	Jul-12	89
Mar-92	19	Jul-97	23	Jul-95	28	Jul-13	33	Mar-87	40	Apr-04	45	Sep-09	54	Dec-13	156
Sep-92	19	Dec-86	24	Nov-95	28	Apr-88	34	Sep-95	40	May-05	45	Sep-10	54		
Jan-93	19	Jan-88	24	Jan-96	28	May-96	34	Apr-96	40	Jan-06	45	Mar-12	54		
May-93	19	Nov-88	24	Jan-97	28	Oct-02	34	Mar-03	40	Jan-08	45	Apr-13	54		
Nov-94	19	Feb-90	24	Oct-98	28	Nov-07	34	Apr-03	40	Jun-12	45	May-15	54		
Nov-96	19	Jul-90	24	Feb-14	28	Mar-11	34	Aug-03	40	Jun-15	45	Sep-15	54		

CHARLOTTE FIRE DEPARTMENT TOTAL FIRE RUNS PER YEAR January 1, 1986 through March 31, 2016



CHARLOTTE FIRE DEPARTMENT

HISTORY OF TOTAL RUNS BY YEAR

<u>YEAR</u>	<u>TOTAL RUNS</u>
1976	217
1977	247
1978	242
1979	197
1980	272
1981	237
1982	185
1983	185
1984	283
1985	224
1986	204
1987	292
1988	313
1989	273
1990	253
1991	239
1992	240
1993	262
1994	304
1995	316
1996	328
1997	349
1998	389
1999	446
2000	403
2001	397
2002	373
2003	485
2004	541
2005	550
2006	507
2007	472
2008	644
2009	595
2010	620
2011	631
2012	536
2013	687
2014	566
2015	595
2016 YTD	156

HISTORY OF HIGHEST / LOWEST NUMBER OF RUNS

<u>MONTH / YEAR</u>	<u>NUMBER</u>	
	<u>OF RUNS</u>	<u>MOST / LEAST</u>
Dec-13	156	Most
Jul-12	89	Most
Jun-08	82	Most
Nov-11	78	Most
Sep-08	69	Most
Mar-09	68	Most
Apr-84	68	Most
May-04	67	Most
Oct-10	67	Most
Feb-16	60	Most
.Aug 07, 14	56	Most
Jan-14	56	Most
Mar-80	15	Least
Mar-78	15	Least
Aug-78	14	Least
Jun-93	13	Least
Jul-82	11	Least
Apr-83	10	Least
Feb-86	9	Least
May-83	9	Least
Dec-82	9	Least
Feb-82	9	Least
Sep-77	8	Least
Jan-76	7	Least
Nov-85	6	Least
Oct-85	6	Least

HISTORY OF LOWEST / HIGHEST NUMBER OF RUNS BY INDIVIDUAL MONTHS

<u>MONTH</u>	<u>LOWEST</u>	<u>HIGHEST</u>
JANUARY	7	56
FEBRUARY	9	60
MARCH	15	68
APRIL	10	68
MAY	9	67
JUNE	13	82
JULY	11	89
AUGUST	14	56
SEPTEMBER	8	69
OCTOBER	6	67
NOVEMBER	6	78
DECEMBER	9	156

CHARLOTTE FIRE DEPARTMENT

HISTORY OF TOTAL RUNS BY YEAR

YEAR	TOTAL RUNS	ON AVERAGE A RUN EVERY	
		HOURS	DAYS
1976	217	40.5	1.7
1977	247	35.5	1.5
1978	242	36.2	1.5
1979	197	44.5	1.9
1980	272	32.3	1.3
1981	237	37.0	1.5
1982	185	47.4	2.0
1983	185	47.4	2.0
1984	283	31.0	1.3
1985	349	25.1	1.0
1986	204	42.9	1.8
1987	292	30.0	1.3
1988	313	28.1	1.2
1989	273	32.1	1.3
1990	253	34.6	1.4
1991	239	36.7	1.5
1992	240	36.6	1.5
1993	262	33.4	1.4
1994	304	28.8	1.2
1995	316	27.7	1.2
1996	328	26.8	1.1
1997	349	25.1	1.0
1998	389	22.5	0.9
1999	446	19.6	0.8
2000	403	21.8	0.9
2001	397	22.1	0.9
2002	373	23.5	1.0
2003	485	18.1	0.8
2004	541	16.2	0.7
2005	550	15.9	0.7
2006	507	17.3	0.7
2007	472	18.6	0.8
2008	644	13.6	0.57
2009	595	14.7	0.61
2010	620	14.1	0.59
2011	631	13.9	0.58
2012	536	16.4	0.68
2013	687	12.8	0.53
2014	566	15.5	0.64
2015	595	14.7	0.61
2016 YTD	156	14.0	0.58

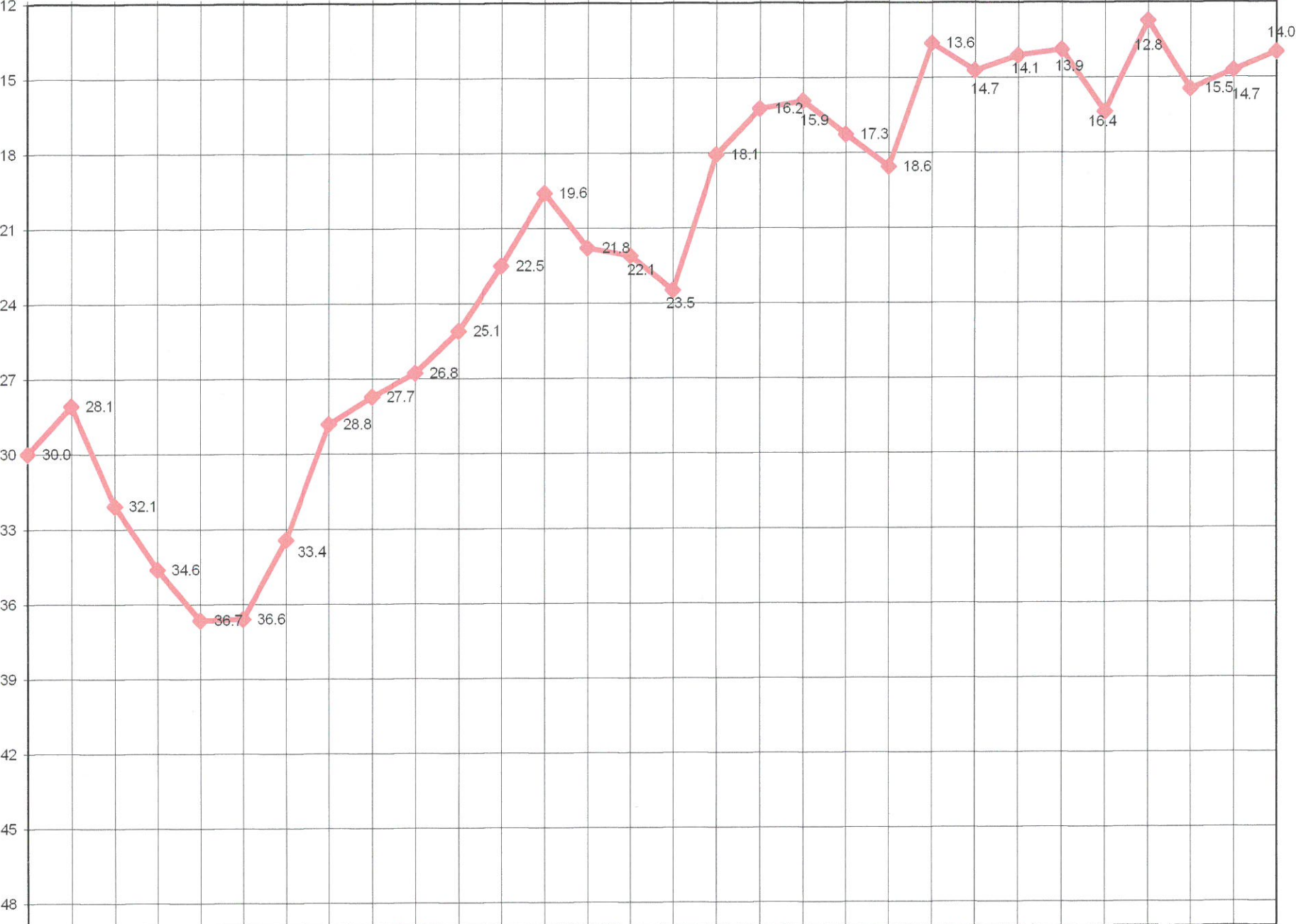
HISTORY OF HIGHEST / LOWEST NUMBER OF RUNS

MONTH / YEAR	NUMBER OF RUNS	ON AVERAGE A RUN EVERY		RUNS PER DAY
		HOURS	DAYS	
Dec-13	156	4.8	0.20	5.032
Jul-12	89	8.4	0.35	2.871
Jun-08	82	8.8	0.37	2.733
Nov-11	78	9.2	0.38	2.600
Sep-08	69	10.4	0.43	2.300
Apr-84	68	10.6	0.44	2.267
Mar-09	68	10.9	0.46	2.194
May-04	67	11.1	0.46	2.161
Oct-10	67	11.1	0.46	2.161
Feb-16	60	11.6	0.48	2.069
Aug 07, 14	56	13.3	0.55	1.806
Jan-14	56	13.3	0.55	1.806
Mar-80	15	49.6	2.07	0.484
Mar-78	15	49.6	2.07	0.484
Aug-78	14	53.1	2.21	0.452
Jun-93	13	55.4	2.31	0.433
Jul-82	11	67.6	2.82	0.355
Apr-83	10	72.0	3.00	0.333
Feb-86	9	74.7	3.11	0.321
Feb-82	9	74.7	3.11	0.321
May-83	9	82.7	3.44	0.290
Dec-82	9	82.7	3.44	0.290
Sep-77	8	90.0	3.75	0.267
Jan-76	7	106.3	4.43	0.226
Nov-85	6	120.0	5.00	0.200
Oct-85	6	124.0	5.17	0.194

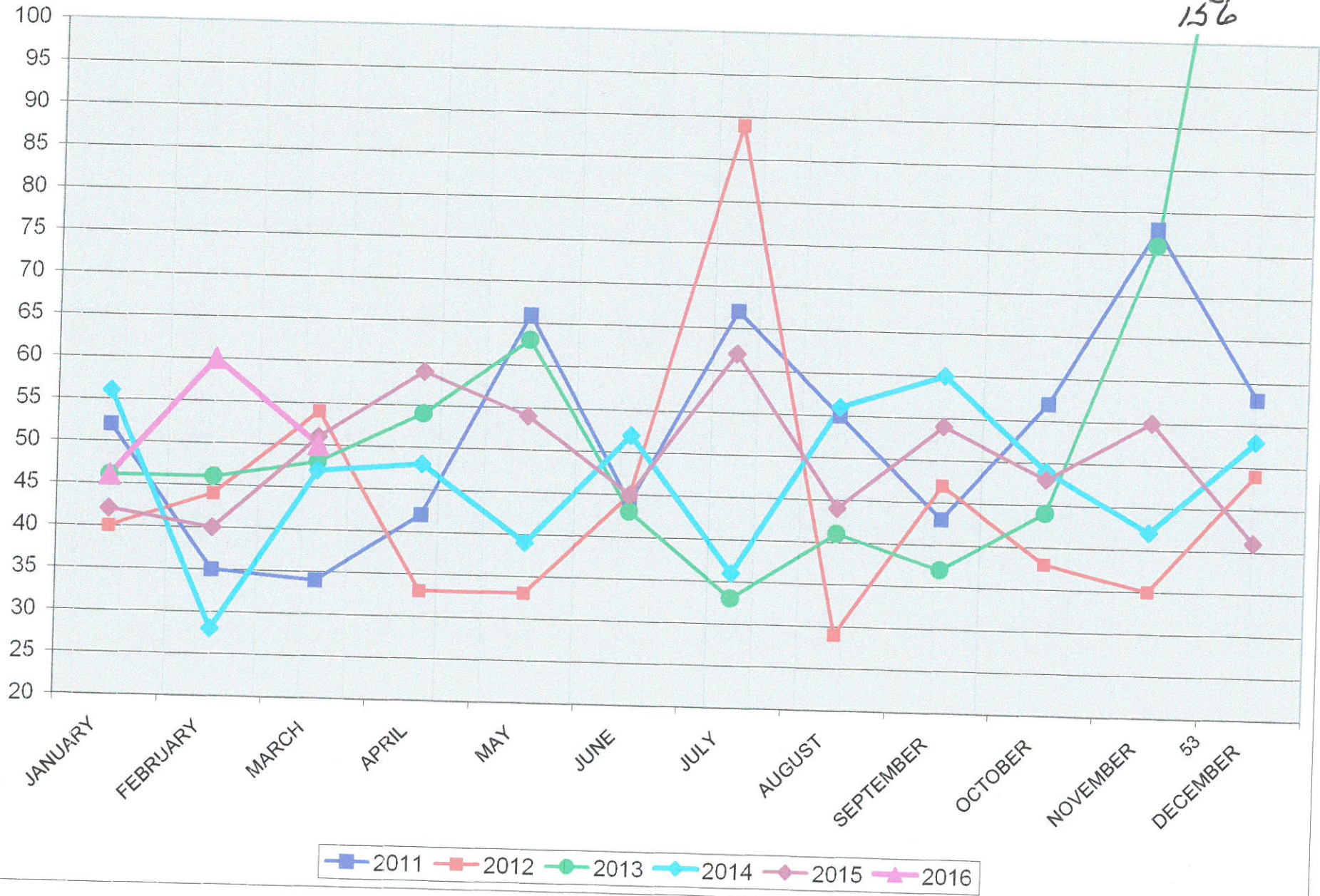
2016	RUNS	HOURS	DAYS	RUNS PER DAY
JANUARY	46	16.2	0.674	1.484
FEBRUARY	60	11.6	0.483	2.069
MARCH	50	14.9	0.620	1.613
APRIL				
MAY				
JUNE				
JULY				
AUGUST				
SEPTEMBER				
OCTOBER				
NOVEMBER				
DECEMBER				

ON AVERAGE ONE FIRE RUN EVERY ___ HOURS

1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016



Comparing Runs per Month - 2011 through 2016



Comparing Runs per Month - 2014, 2015, 2016

