

William L. Scott's Form Factors

From his book *How Will Your Horse Run Today?*

First Form Factor - Recent Action:

This first factor is the most straightforward and the easiest to apply. You are only interested in the date of the horse's last race and usually the date and distance of the horse's last workout. -mick

- + Horses running within 7 days or less of today's race.
- + Horses running within 21 days of today's race who have a 5-furlong workout in the last 14 days that earned a bullet or is at a very fast time (:59.4 or less in the East and Midwest and :58.4 or faster in Southern California).
- N Horses running within 21 days of today's race.
- N Horses running within 28 days of today's race who have worked 4 furlongs within the past 7 days.
- N Horses, regardless of how long they have been away, who have worked 5 furlongs or longer within the past 14 days.
- O Horses that have not run in 21 days without a qualifying workout. (This is a serious form defect that will require us to disqualify the horse as a contender in today's race in most circumstances.)

Examples:

2	Wild N Ready (E/P 3)	Today is May 4, 2018	Ch. f. 3 (Feb) FTS Aug 2016 \$190k Prime Power: 120.8 (4th)
4/1	Own: Robert E Masterson		Sire: More Than Ready (Southern Halo) \$75,000
	Blue, White Star, Blue Circle On White Sleeves, f		Dam: D'Wild Ride (D'wildcat)
	LEPAROUX JULIEN R (11 3-2-3 27%)		Brdr: SF Racing LLC (KY) L 116
			Trnr: Casse Norm W (1 0-0-0 0%)
2018	233 11% 37% -0.33	2018	7 0% 29% -2.00
JKYw/EP types	260 17% 45% -0.42	2nd off layoff	1 0% 100% -2.00
JKYw/ Trn L60	2 0% 0% -2.00	Turf starts	5 0% 40% -2.00
JKYw/ Turf	145 12% 32% +0.05	Maiden Sp Wt	1 0% 0% -2.00
★ Eligible to improve in 2nd start since layoff ● Poor trainer win% ● Speed Fig			
DATE TRK	DIST	RR	RACETYPE CR E1 E2/ LP 1c 2c SPD PP ST 1C 2C STR FIN JOCH
08Apr18Kee*	① 1m sf :24 ³ :50 ² 1:16 1:40	110	①Mdn 74k 111 79 74/ 84 -2 -5 76 10 21 21 21 2 ² ₁ 4* Leparc
31Aug17Sar*	① 1 ¹ / ₁₆ fm :24 1:14 ¹ 1:43	113	①PGJohnsIL 100k 113 73 74/ 76 0 -2 74 7 43 ¹ ₂ 44 ¹ ₂ 41 ¹ ₂ 31 24 ³ ₄ Leparc
11Aug17Sar*	① 5 ¹ / ₂ fm :22 ¹ :45 :57 1:02 ⁴	111	①Mdn 83k 112 90 86/ 82 +11 +0 75 8 5 76 ¹ ₄ 7 ⁹ 66 ¹ ₂ 33 ¹ ₄ Leparc
27Apr Kee 4f ft :49 B 33/89	30Mar Pmm ① (d) 4f fm :48 ¹ B 2/29	23Mar Pmm ① (d) 5f fm :58 ² B 4/20	17Mar Pmm ① (d) 5f fm 1:00 ³ B
03Feb Caa 4f ft :50 B 6/8	16Feb Caa 4f ft :49 ³ B 4/7	09Feb Caa 3f ft :36 ³ B 2/5	02Feb Caa 3f ft :37 ² B 2/3 12Oct17 CD 5f ft 1:02 ⁴

- N Wild N Ready last raced within 28 days and worked 4 furlongs 7 days ago. Award her an "N" for this Form Factor.

3	Tactical Affair (NA 4)				B. f. 3 (Apr) KEESEP 2016 \$430k				Prime Power: 121.2 (3rd)								
	Own: Phipps Stable				Sire: Tapit (Pulpit) \$300,000												
	Black, Cherry Cap				Dam: Fenceline Neighbor (Wild Rush)												
	CASTELLANO JAVIER (0 0-0-0 0%)				Brdr: Gainesway Thoroughbreds Ltd (KY)				L 116								
				Trnr: McGaughey III Claude R (1 0-0-0 0%)													
+2018				302	24%	55%	-0.29	+2018				80	19%	45%	-0.18		
JKYw/NA types				247	15%	44%	0.57	90+ days away				138	17%	47%	-0.66		
JKYw/ Trn L60				1	0%	0%	-2.00	+1st time lasix				58	31%	62%	+0.44		
+JKYw/ Turf				181	22%	55%	-0.16	+1st on grass				45	20%	38%	+0.23		
★ Highest last race speed rating (tie) ★ Breeding suggests she will like the grass																	
★ Dam has 4 winners from 6 starters and 3 Turf winners ★ 31% trainer: 1st time lasix																	
★ May improve with Lasix added																	
● Never close in only career start																	
● Has never raced at a route dist																	
DATE TRK		DIST		RR		RACETYPE		CR		E1 E2/ LP		1c 2c SPD PP ST		1C 2C STR FIN		JOCK	
24Nov17Aqu?		6 1/2 ft :22.4 :46.2 1:12 1:19		112		@Mdn 60k		112		91 95/ 76 +7 +7		80 9 5 5 ⁶ 5 ⁷ 5 ⁹ 5 ⁹ 3		Garcia			
29Apr Kee 4f ft :50.3 B 15/20		14Apr Pay 4f ft :49.3 Bg 1/2		07Apr Pay 4f ft :49.1 B 5/14		31Mar Pay 4f ft :49.3 B 16/19		24Mar Pay									
06Jan Pay 3f ft :38 B 4/15		31Dec17 Pay 4f ft :50.3 B 15/32		16Dec17 Pay 4f ft :52.1 B 14/15		08Dec17 Pay 3f ft :38 B 9/17		●19Nov17									

- O Tactical Affair has not raced in more than 5 months and does not have a 5-furlong workout in the last 14 days. Horses that have not run in 21 days without a qualifying workout are assigned an “O” for this Form Factor. (This is a serious form defect that will require us to disqualify the filly as a contender in today’s race.)

8	Bourbon Gleam (NA 0)	B. f. 4 (Apr)	
Own: Charles E Fipke		Sire: Not Bourbon (Not Impossible (IRE)) \$2,779	
White, Yellow 'c' In Blue Diamond Frame, Yellow		Dam: Halo's Gleam (Halo)	
SANTANA, JR. RICARDO (14 2-3-0 14%)		Brdr: Charles Fipke (KY)	L 123
		Trnr: Asmussen Steven M (5 2-0-0 40%)	
+2018	343 21% 50% -0.14	+2018	613 19% 55% -0.68
JKYw/NA types	199 16% 34% +0.39	90+ days away	399 13% 41% -0.81
+JKYw/ Trn L60	109 23% 52% -0.43	+1st time lasix	11 18% 36% +0.40
JKYw/ Turf	9 11% 22% -0.53	1st on grass	179 12% 29% -0.50
★ Dam has 7 winners from 16 starters and 1 Turf winner ★ May improve with Lasix added			
● Finished far behind weaker (on			
● Has never raced on the grass			
DATE TRK	DIST	RR RACETYPE	CR E1 E2/ LP 1c 2c SPD PP ST 1C 2C STR FIN JOCK
29Dec16	Dubai - Meydan(Uae)	7f ft 2:24.2	Stk 40840
		EGA Casthouse Trophy	613 Hitchc
27Apr Cdt 5f ft 1:02.2 B 7/7	20Apr Cdt 4f ft :48.4 B 5/11	13Apr CD 5f ft 1:02.2 B 18/23	26Mar FG 5f ft 1:02 B 4/9 19Mar FG 5f ft 1:02.1
17Feb Evt 4f ft :30 Bg 18/80			

- N Horses, regardless of how long they have been away, that have worked 5 furlongs or longer within the past 14 days are awarded an “N”. Bourbon Gleam hasn’t raced in more than a year but does have a 5-furlong work within 14 days.

2	Jefazo (NA 0)				B. g. 3 (May) OBSAPR 2017 \$300k		Prime Power: 112.9 (3rd)		
	Own: Allied Racing Stable Llc				Sire: Street Boss (Street Cry (IRE)) \$20,000				
20/1	Wildcat Blue, Black 'Y' On White Ball, White Stripes				Dam: Humor and Music (Distorted Humor)				
LANERIE COREY J (21 4-4-4 19%)				Brdr: The Meadows On South Park Ltd (KY)		L 116			
				Trnr: Bradley William B (1 0-0-0 0%)					
2018	360	17%	50%	-0.24	2018	128	11%	36%	+0.39
JKYw/NA types	225	12%	38%	-0.16	2nd career race	101	10%	30%	+0.93
JKYw/ Trn L60	3	0%	33%	-2.00	Maiden Sp Wt	276	9%	30%	+0.17
+JKYw/ Sprints	121	21%	51%	+0.05	Sprints	388	12%	38%	+0.03
★ High % Jockey ★ Sharp 5F workout (Apr-26)									
● Never close in only career start									
DATE TRK	DIST		RR		RACETYPE	CR	E1	E2/ LP	1c 2c SPD PP ST 1C 2C STR FIN JOCK
13Apr18Kee?	7f ft :22.3 :46.1 1:12 1:24.2		111		Mdn 74k	108	78	78/ 76	-1 -6 70 4 4 10 ⁷ 10 ⁶ 10 ¹⁰ 9 ¹³ Laneri
26Apr CD 5f ft :59.3 B 4/32	06Apr CD 4f ft :48 Bg 11/52		31Mar FG 5f ft 1:01.1 B 6/26		●23Mar FG 5f ft :59.3 Bg 1/46		16Mar FG 5f ft		
01Mar FG 4f ft :49.2 B 25/49	23Feb FG 3f ft :37.3 B 3/10		16Feb FG 3f ft :37.1 B 5/13						

- + Horses running within 21 days of today’s race that have a 5-furlong workout in the last 14 days that earned a bullet or was at a very fast time (:59.4 or less in the East and Midwest and :58.4 or faster in Southern California). Jefazo raced 21 days ago and has a very fast 5-furlong workout in the last 14 days. He qualifies for a Plus (+).

Second Form Factor – “Up Close” in the Last Useable Running Line:

This form factor is conceptually simple but somewhat difficult to apply because of the definitions, qualifiers and exceptions. Basically, its purpose is to determine if the horse was “up close” (defined term) at the stretch call (exceptions) in its “last useable running line” (defined term). -mick

Standards for an “up close” call. To be up close at any call in a race, a horse must be within the required number of lengths from the lead, based upon the race distance, as follows:

1. Sprints up to and including 6 ½ furlongs – 2 ¾ lengths or less from the lead, i.e. less than 3 lengths.
2. Races at 7 furlongs and 1 mile – 3 ¾ lengths or less from the lead, i.e. less than 4.
3. All races of a mile and 40 yards or longer- 4 ¾ lengths or less from the lead, i.e. less than 5.

The “last useable running line” is the horse’s last race provided it was run within 28 days of today’s race, except when the last race is not truly representative of a horse’s form. Exceptions:

1. When a horse was raised to a higher level of competition in his last race and today is being dropped back to a level approximately equal to his next-to-last race, use the next-to-last race, provided it was within 28 days of the last race.
2. When a horse’s last race was on either grass or dirt and today’s race is on a different surface, the next-to-last race can be used if it is on today’s surface and within 28 days of the last race.
3. When unusual circumstances make it reasonably certain that the last race was not representative, go back to the next-to-last race provided it was within 28 days of the last race. For example, a muddy track or the wrong distance for a confirmed sprinter or router.

The Plus (+) Form Factor:

- + When the horse was up close at every call of his last race at the distance of that race. For the award of a “+”, only the last race can be the last useable running line. The strength of this positive factor can be negated if the horse has any other form defect or is rising in class.

The Neutral, Neither or Non-applicable (N) Factor:

- N For horses returning at the same or a higher level of competition and at the same distance or a longer distance:
 1. A horse must be up close at the stretch call of his last useable running line, or;
 2. A horse must have won his last race, or finished less than 1 length from the winner, or;
 3. A horse must have a “fall back-gain” pattern by being up close at the finish having lost 1 length or more from the second call to the stretch and gaining 1 length or more from the stretch call to the finish.

While Mr. Scott uses “N” for Neither or Non-applicable, I think another symbol would add clarity, such as a dash (-) or a tilde (~). I would reserve the “N” to mean only that it applies and it’s Neutral. -mick

N For horses returning at a shorter distance of one full furlong or more, the horse may be up close at the second call.

N For horses returning at a lower level of competition, the horse may be up close at any call.

The Doubtful Factor:

Ø When a horse is very close to meeting the necessary standards for an “N” rating, but not quite, you may choose to call him “doubtful.” For example, the horse gave an even effort, never threatening but never too far back. This marginal performance can be marked by “Ø”, an O with a slash (/) through it. (You type it on a full-sized keyboard by holding down the “Alt” key and on the Number Pad, type the digits “0216”. Release the Alt key and presto!)

The Minus (O) Factor:

O When a horse cannot qualify for either a “+” or an “N”, he is given an “O”. This form defect normally eliminates him as a contender in the race.

The Unknown (U) Factor:

U When there is no basis for rating the second form factor off any running line, a horse must be given a U for unknown. A first time starter is obviously an unknown. A horse that has never run on the grass and is entered on the turf today is another unknown. While a horse that has not run in the last 28 days is also unknown, he would have a form defect for “recency,” unless he showed a recent 5-furlong workout. His running line would still be unknown.

The Positive Elimination Factor in Sprint Races:

In sprint races of 6 ½ furlongs or less, lack of early speed is almost always fatal when there is at least one or more other horses in a race with a reasonable degree of early speed. If a horse’s total lengths behind at the first call of all his races shown average 6 or more per race, then he lacks sufficient early speed to win. In 7-furlong races, lack of early speed is not so devastating; however, a horse that averages 8 lengths or more behind at the first call is almost sure to lose if there is some other early speed in the race.

Examples:

1		Keep Quiet (P 2)		B. c. 4 ARQDEC 2014 \$45.5k		Prime Power: 146.2 (2nd)															
Own: Gary Barber		Sire: Elusive City (Elusive Quality) \$7,500		Dam: Luminosity (GB) (Sillery)		L 123															
4/1		Hot Pink, Black Epaulets, Black Circled 'bb', Mar		Brdr: SARL Pontchartrain Stud & SARLRiviera Equine (FR)																	
LEZCANO JOSE (0 0-0-0 0%)		Trnr: Casse Mark E (2 0-0-0 0%)																			
2018	243	12%	39%	-0.74	2018	299	18%	45%	-0.20												
JKYw/ P types	211	9%	37%	-1.10	3rd off layoff	290	17%	49%	-0.47												
JKYw/ Trn L60	18	0%	33%	-2.00	Turf starts	1890	17%	44%	-0.37												
JKYw/ Turf	155	11%	34%	-0.64	Allowance	1005	17%	47%	-0.50												
★ Eligible to improve in 3rd start since layoff ★ Finished 3rd in last race																					
DATE TRK	DIST	RR	RACETYPE	CR	E1	E2/	LP	1c	2c	SPD	PP	ST	1C	2C	STR	FIN	JOCK				
12Apr18Kee7	1m fm	242	:48:11:124	1:371	4	115	Alw78000n2x	117	90	97/	87	+12	+12	92	7	74½	86	85½	53½	32½	Lezcai
24Mar18GP11	1m fm	:234	:47:41:104	1:40	4	116	OC62.5kb-N	118	83	95/	95	+1	+7	96	6	34	34	34	2½	2nd	Gaffali
04Nov16SA6	1m fm	:221	:45:41:092	1:331	116	BCJuvTrf-G1	116	90	99/	81	+6	+7	89	2	31	43½	43	55	87	Gerou	

N For horses returning at the same or a higher level of competition and at the same distance or a longer distance, a horse must be up close at the stretch call of his last useable race, to be

awarded an “N”. Keep Quiet’s last race is his “last useable race” as it was within 28 days of today’s race, on the same surface, and at approximately the same distance and class level. In that 1 mile race, he was 3 ¾ lengths or less from the lead at the Stretch Call.

11	Krampus (E/P 4)		B. g. 4	Prime Power: 150.9 (1st)															
	Own: William C Schettine		Sire : Shakespeare (Theatrical (IRE)) \$5,000																
	Chocolate, Yellow Diamonds, Chocolate Cap		Dam: Midtown Girl (Rahy)	L 123															
			Brdr: William C Schettine (KY)																
ROSARIO JOEL (1 0-0-0 0%)		Trnr: Mott William I (1 0-0-1 0%)																	
2018	211	16%	48%	-0.58															
+JKYw/EP types	299	18%	55%	-0.13															
JKYw/ Trn L60	7	14%	71%	-1.34															
JKYw/ Turf	133	10%	46%	-1.06															
Today is May 4, 2018 Turf 8.5f																			
2018	166	13%	39%	-0.56															
2nd off layoff	282	17%	46%	-0.43															
Turf starts	1479	15%	41%	-0.45															
+Btm favorite	172	19%	53%	-0.69															
★ 17% trainer: 2nd off layoff ★ Ran 2nd in last race ★ Hot Jockey in last 7 days (11 3-2-0) ● Failed as favorite in last race																			
DATE TRK	DIST		RR	RACETYPE	CR	E1	E2/	LP	1c	2c	SPD	PP	ST	1C	2C	STR	FIN	JOCK	
12Apr18Kee7	1m fm		:242	:48 1:124	1:37 1	4	115	Alw7800n2x	117	96	101/	84	+12	+12	93	1	52 53 53 43	21 1 2	Rosario
03Feb18GPG	1m gd		:23	:47 1:11	1:35	4	114	OC25k/h1x-N	117	90	94/	97	+11	+7	96	9	6 2 5 2 4 3	1 2	Lezcar

- +
- When the horse was up close at every call in his last race at the distance of that race, award a Plus (+) for this Form Factor. Krampus’s last race is his “last useable race” as it was within 28 days of today’s race, on the same surface, and at approximately the same distance and class level. In that 1 mile race, he was 3 ¾ lengths or less from the lead at every call and therefore is awarded a Plus (+). Finally, the gelding does not have any other form defect nor is he rising in class, two factors that would cancel out the strength of this positive award.

8

Fairly Honest (NA 1)

Own: Team Forster 164 Llc

20/1

Green, White Sash, Yellow Sleeves, Green Cap

GRAHAM JAMES (7 1-1-1 14%)

2018

274

7%

28%

-0.70

JKYw/NA types

206

5%

26%

-0.62

JKYw/ Trn L60

5

0%

20%

-2.00

JKYw/ Routes

75

4%

28%

-1.54

Today is
May 4, 2018
5.5f Turf

G. r/o. f. 3 (Feb) KEESEP 2016 \$30k

Prime Power: 114.8 (8th)

Sire : Exchange Rate (Danzig) \$20,000

Dam: Truth Will Tell (Successful Appeal)

Brdr: Kendall E Hansen MD Racing LLC (KY)

Trnr: Forster Grant T (0 0-0-0 0%)

L 116

2018

34

9%

32%

-0.88

1st at route

22

14%

41%

-1.43

+Sprint-Sprint-Rite

17

18%

41%

+0.13

Sprint to Rite

31

16%

45%

-0.52

★ 17% trainer: Sprint-Sprint-Rite ★ Sharp 4F workout (Apr-28)

● Always far back in last start ●

DATE TRK

DIST

RR

RACETYPE

CR

E1

E2/

LP

1c

2c

SPD

PP

ST

1C

2C

STR

FIN

JOCK

07Apr18Kee3

6 1/2 ft

:22

:45 3 1:10 3

1:17 1

110

9

Mdn 74k

109

85

88/

65

+5

0

66

8

5

10 6 3 10 5 3 8 11

6 15

Graha

17Mar18FG3

5 1/2 fm

:22

:46 4 :59

1:05 3

109

9

Mdn 38k

109

78

82/

87

+8

+8

77

4

9

9 11 9 13 8 9 4

5 4 2

Valdiv

- O
- When a horse cannot qualify for either a “+” or an “N”, he is given an “O”. Fairly Honest’s last race is not a useable running line because of the surface. Her previous race is useable because it’s the same distance, surface and class and it’s within 28 days of her last race. Because she was not up close at the stretch, i.e. 2 ¾ lengths or less from the lead in that sprint, she is given an “O” for a form defect that normally eliminates her as a contender.

2	Flashaway (S 4)				Dkbbr. g. 6 FTFMAR 2014 \$500k				Prime Power: 133.5 (7th)											
5/1	Own: John C Oxley Gold, Blue Blocks, White Stripes On Sleeves, Blue Cap				Sire : Eskendereya (Giant's Causeway) \$13,311 Dam : Call Me Fleet (Affect) Brdr: Dell Ridge Farm LLC (KY) Trnr: Casse Mark E (2 0-0-0 0%)				L 120											
LANERIE COREY J (21 4-4-4 19%)				Today is May 4, 2018 5f Turf																
2018	360	17%	50%	-0.24	2018	299	18%	45%	-0.20											
JKYw/ S types	317	15%	45%	-0.64	46-90daysAway	541	16%	42%	-0.34											
JKYw/ Trn L60	6	17%	50%	-0.43	+Shipper	967	18%	43%	-0.33											
JKYw/ Turf	140	14%	44%	-0.29	Graded Stakes	466	16%	40%	-0.18											
★ High % Jockey ★ Best Turf speed is close to the Avg Winning Speed										● Beaten by weaker in last race										
DATE TRK	DIST		RR		RACETYPE		CR	E1	E2/	LP	1c	2c	SPD	PP	ST	1C	2C	STR	FIN	JOCK
17Feb18FG4	5 1/2 fm		224	:46 2 :57 3	1:03 3 4	116	ColPowerB 50k	118	87	93/	89	-4	-3	88	2	7	4 2 4 1 3 4 2	3 1 3	Laner	
26Jan18FG3	5 1/2 fm		213	:46 1 :58 1	1:04 3 4	116	OC80k/b-N	117	96	99/	83	+9	+2	88	2	5	6 4 2 7 6 4 7 5	4 4 2	Laner	

- U
- When there is no basis for rating the second form factor off any running line, a horse must be given a “U” for unknown. Flashaway has not run in the last 28 days, so he doesn’t have a last useable running line and is given a “U”.

Third Form Factor: Performance Within the Form Cycle Part I – Did Your Horse Win Its Last Race?

As I note below, I think this is out of sequence. Mr. Scott put it here though, so I'll leave it. -mick

Returning winners fall into four categories: (1) rising in class; (2) same class: (3) maiden winners; and (4) dropping in class.

Rising in Class Winners:

A winning horse that rises in class upon his return loses 9 of 10 races. He should be eliminated from consideration unless he shows these characteristics:

1. He must have at least two Plus (+) form factors from his last race and a demonstration of back class, showing that he has performed competitively at the class level to which he is rising today, or;
2. He must have a Big Win Plus (+) form factor in addition to at least one other plus form factor. Back class is always preferred, although not positively necessary since the Big Win may be sufficient evidence that the horse is ready to take on a new level of competition today.

Note: a "Big Win" is a win by 3 or more lengths without the horse losing ground in the stretch, e.g., a drawing-away-from-the-field type of win.

5

Hoppertunity (S 5)

Own: Mike Pegram Karl Watson

And Paul Weitman

B. h. 7 KEESEP 2012 \$300k

Prime Power: 142.6 (5th)

3/1

Red, Red 'imp' On Yellow Ball, Yellow Stripes

On Today is May 4, 2018 9f G2

Sire: Any Given Saturday (Distorted Humor) \$5,000

Dam: Refugee (Unaccounted For)

Brdr: Belz/DJ Stable/Kidder/J Belz/Robenalt (KY)

L 118

Tnnr: Balfert Bob (1 0-0-1 0%)

PRAT FLAVEN (0 0-0-0 0%)

+2018

286

21%

55%

-0.24

+2018

124

34%

65%

-0.19

+JKYw/ S types

201

19%

51%

-0.54

+Graded Stakes

290

28%

63%

-0.45

JKYw/ Trn L60

6

17%

100%

-1.60

+2nd off layoff

129

21%

55%

-0.55

JKYw/ Routes

54

17%

57%

-0.63

+Wnr last race

281

35%

67%

-0.21

★ Eligible to improve in 2nd start since layoff ★ Won last race (SA 04/08 12f Dirt ft TkyoCty-G3)

★ Sharp 5F workout (Apr-27)

DATE TRK

DIST

RR

RACETYPE

CR

E1

E2/

LP

1c

2c

SPD

PP

ST

1C

2C

STR

FIN

JOC

08Apr18SA⁵

1 1/8 ft

:48³

1:14² 2:06³ 2:32³ 4¹ 11⁵

TkyoCty-G3

120

79

80/

92

-19

-14

94

3

48

2¹

1³

1⁴

1⁶

Pratf

26Dec17SA³

1 1/8 ft

:24³

:49 1:12⁴ 1:43 3⁴ 12¹

SnAntno-G2

121

66

77/

108

-20

-17

93

1

44

3²

4²

4³

4⁴

Pratf

24Nov17CD¹¹

1 1/8 ft

:47¹

1:11² 1:36² 1:48⁴ 3⁴ 11⁹

ClarkH-G1

121

91

105/

95

+11

+10

102

1

96²

96²

74²

3²

3¹

Gero

28Oct17SA⁵

1m ft

:23²

:47 1:11³ 1:37 3⁴ 11⁷

CmmaToTopB 70k

118

84

97/

101

+4

+3

100

4

71⁰

77¹

6⁵

57²

2⁴

Pratf

25Mar17

Dubai - Meydan(Uae)

1 1/4 ft

2:02 3⁴

Stk 10000000

Dubai World Cup Sponsored By Emirates Airline-G1

04Feb17SA⁸

1 1/8 ft

:23

:46¹ 1:10² 1:42² 4¹ 12⁰

SnAntno-G2

122

82

96/

105

+9

+8

102

1

71⁰

71⁰

67

42¹

1¹

Pratf

25Nov16CD¹¹

1 1/8 ft

:48

1:11⁴ 1:36¹ 1:48² 3⁴ 12⁰

ClarkH-G1

122

96

114/

90

+5

+7

104

9

96¹

73²

42¹

44¹

47

Velaz

05Nov16SA¹²

1 1/4 ft

:47

1:10⁴ 1:35³ 2:00 3⁴ 12²

BCClsc-G1

122

81

98/

100

+2

+7

103

8

81⁰

81⁰

71²

69¹

41¹

Velaz

08Oct16Bel¹⁰

1 1/4 ft

:49

1:12 1:35⁴ 2:00³ 3⁴ 12⁰

JkyCibGC-G1

72

97/

98

-18

-3

103

3

42

42

31¹

31¹

1¹

Velaz

20Aug16Dmr⁹

1 1/4 ft

:47¹

1:11¹ 1:35³ 2:00 3⁴ 12⁰

PdcCl-G1

121

84

104/

94

-9

-1

103

2

55¹

42¹

43¹

46¹

48¹

Pratf

- + Hoppertunity is rising in class from a G3 to G2 but his last race was a Big Win and he was up close at every call in that race, for which he was awarded a Plus (+). He is also a G1 and G2 winner which demonstrates back class. He should not be eliminated on this Form Factor and is awarded an "N".

Same Class Winners:

A winning horse that returns at the same class loses 4 of 5 races, should be eliminated unless he shows these characteristics:

1. Two or more Plus (+) form factors in his last race, with a strong preference that one of them be a Big Win. If the horse does not show a Big Win, look for back class at a higher level of competition. If the horse shows neither a Big Win nor a demonstration of back class and is not unusually consistent, i.e., showing a past history of an ability to win two races in succession, then out he goes.

9 Thewayiam (P 4)		B. f. 3 ARGOCT 2016 \$18.6k		Prime Power: 147.6 (2nd)	
Own: Al Shahania Stud America		Sire : Thewayouare (Kingmambo) \$3,000		L 123	
7/2 White, Orange Elk Head And 'e' On Lime Bal		Dam: =Water Feature (GB) (Dansill (GB))			
ORTIZ JOSE L (8 3-0-1 38%)		Brdr: SCA La Perrigne (FR)			
		Trnr: Motion H. Graham (0 0-0-0 0%)			
2017-2018	1801 19% 51% -0.42	2017-2018	713 15% 46% -0.50		
+JKYw/ P types	434 18% 50% -0.52	Shipper	790 16% 46% -0.26		
+JKYw/ Trm L60	9 22% 67% -0.71	Graded Stakes	293 15% 39% -0.06		
+JKYw/ Turf	250 18% 49% -0.44	+Wnr last race	297 19% 46% +0.15		
★ Highest last race speed rating (tie) ★ 18% trainer: Wnr last race					
★ Won last race (GP 03/03 8.5f Turf fm Hcmbride-G3)					
★ Best Turf Speed is fastest among today's starters (tie) ★ Hot Jockey in last 7 days (8 3-0-1)					
● Outside posts have poor win%					
DATE TRK	DIST	RR	RACETYPE	CR	E1 E2 LP 1c 2c SPD PP ST 1C 2C STR FIN JOCK
03Mar18GP7	① 1 1/2 fm	233	Hcmbride-G3	7	87 83/ 97 +5 +3 91 3 74 53 65 21 1/2 11 1/2 OrtizJl
03Feb18GP6	① 1m gd	241	SwtChm-G3	118	70 73/ 100 -5 -3 85 1 74 79 64 1/2 42 1 1/2 OrtizJl
06Jan18GP9	① 7 1/2 fm	233	GngBrewL 100k	116	79 78/ 100 +1 -8 87 5 5 78 75 1/2 41 1/2 11 OrtizJl
25Nov17Dmr9	① 1m fm	234	JmyDrnte-G3	113	76 79/ 67 0 +4 69 11 21 32 1/2 42 117 1/2 Lynch
22Oct17Kee6	① 1m fm	233	A67000n2L	116	83 80/ 87 +5 +1 82 7 54 52 31 1/2 11 1nk Franco

- O A winner returning at same class, Thewayiam does not have any Plus (+) form factors and her last race was not a Big Win. She has two wins at this level but none at a higher level. She is assigned an "O" as a form defect.

Maiden Winners:

When a winning horse is returning off a maiden victory, knowing that he will likely lose 9 of 10 times, we should eliminate him altogether unless he shows these characteristics:

1. Two or more Plus (+) form factors which must include a Big Win. Those who score a victory after breaking their maiden and who do not show a Big Win usually do it when the remainder of the field is very weak. If you determine that the competition is therefore very thin, you can make an exception to the rule of requiring a Big Win, but be certain about the weakness of the others before you do it.

1A pp7 Sirensusa (E 6)		Dkbbr. f. 3 KEESEP 2016 \$105k		Prime Power: 120.4 (4th)													
Own: Barry And Joni Butzow		Sire: Tiznow (Cee's Tizzy) \$50,000		L 123													
4/1 Blue, Blue 'b' On Gold Ball, Yellow Chevron		Dam: Spun Silver (Grand Slam)															
BESCHIZZA ADAM (33 4-5-3 12%)		Brdr: Richard Snyder & Connie Snyder (KY)															
		Trnr: Sharp Joe (8 1-2-0 13%)															
2017-2018	386 18% 43% -0.58	+2017-2018	671 20% 47% -0.25														
+JKYw/ E types	57 23% 51% -0.12	+Shipper	669 18% 50% -0.28														
+JKYw/ Trm L60	71 23% 45% -0.58	2nd grass race	36 17% 50% -1.04														
JKYw/ Turf	146 16% 38% -0.36	Mdn win L/R	105 17% 46% -0.32														
★ Won her debut race (FG 03/17 5.5f Turf fm ALW 0)																	
★ Best Turf speed is faster than the Avg Winning Speed ★ Well bet in debut																	
DATE TRK	DIST	RR	RACETYPE	CR	E1	E2	LP	1c	2c	SPD	PP	ST	1C	2C	STR	FIN	JOCK
17Mar18FG3	① 5 1/2 fm	22	464 59 1053	106	① Mdn 38k	112	101 104/	75	+8	+8	85	1	1	2nd 1 1/2	11	1 1/2	Beschi
06Apr Kee 4f ft	:48 ² B 16/86	10Mar FG 5f ft	1:01 ¹ Bg 11/46	03Mar FG 4f ft	:48 ³ B 11/108	24Feb FG 4f ft	:51 Bg 78/92	17Feb Evt 4f ft									
13Jan Evt 3f ft	:39 ¹ B 11/15	06Jan Evt 3f ft	:39 B 10/19	02Aud 17 Cdt 4f ft	:47 ² B 1/5	26Jlv 17 Cdt 4f ft	:49 ² B 6/21	19Jlv 17 Cdt 4f ft									

- O While Sirensusa was awarded a Plus (+) for being "up close" at every call in her maiden win, it was not a Big Win. She is assigned an "O" for a form defect.

Suggested handwritten symbols:

- Ⓡ Winner rising in class
- Ⓢ Winner returning at same class
- Ⓜ Maiden winner

You can reproduce each of these symbols on the keyboard by typing its four-digit unicode, then Alt+X. (That's Alt, not Ctrl.) I've increased the font size for readability.

- Ⓡ 24C7 Alt+X
- Ⓢ 24CC Alt+X
- Ⓜ 24C2 Alt+X

Dropping in Class Winners:

This requires a judgment call. If the drop is slight, the trainer may have entered him to keep the horse active and racing options were limited. Or perhaps the horse has a rash of ailments that will soon require a layoff and the trainer is trying to get another good race out of him while he still retains some good form.

A significant drop, however, should set off alarms. This is especially true when the horse is returning from a layoff. Typically, the horse is "damaged goods" and should be eliminated from all consideration.

Note: when presenting his examples, Mr. Scott marks returning winners at this step of the process but often returns to evaluate them after he has completed the Fourth Form Factor. Also, it's the following Part II of this factor that he designates with an "N", "O", etc., not this Part I. For example, a returning winner might be graded "+ + N N" and yet Scott would not bet the horse because it didn't have a Big Win or back class.

In my opinion, it seems as if the evaluation of Part I, returning winners, is misplaced and should come last, after Recency, Up Close, Comparative Races and Stretch Run. -mick

Third Form Factor: Performance Within the Form Cycle Part II – Improvement and Decline

This can be the most difficult form factor to apply if we're comparing sprints of different distances, routes of different distances and a sprint to a route. Fortunately, a lot of horses don't have two recent races to compare and when they do, the races are usually the same distance, surface and class level.

-mick

Many winning horses are closer to the lead at the Stretch Call in their last race than in their next-to-last race. It's an indication of improving form. Analysis of this factor requires two recent races on the same surface for a comparison. The horse's last race must have been within 28 days of today's race and the prior race within 28 days of that last race. In other words, two races in the current form cycle are required, e.g. today's race is the third after a layoff. Typically, it's a two-step process but there are exceptions. For example, if the horse doesn't have two recent races, it is given an "N" to denote "Non-applicable" and no further examination is required.

N Horse has not run within 28 days of today's race.

N Horse has run within 28 days of today's race but did not run within 28 days of its last race.

N If the horse has two recent races but on different surfaces (i.e. dirt and turf), award an "N" because we can't make a reliable comparison.

Note: as stated above, I would use a dash (-) or a tilde (~) to designate Non-applicable. -mick

If the two recent races are at the same distance, Step One is to compare the horse's lengths at the stretch call.

N If the horse was within one length of the lead at the stretch call, either closer or farther, in the two comparison races, award an "N", and proceed to Form Factor Four. A second step isn't necessary.

If the horse was more than one length either closer or farther at the stretch call in its two comparison races, proceed to Step Two. The winning horses' times will be used to establish a "variant" and a benchmark. The horse will be graded up or down using a standard of two-fifths of a second to indicate improving form or declining form.

Ideally, the horse should have 2 recent races on the same surface, and preferably at the same distance and class, to compare. As previously noted, the horse's last race must be within 28 days of today's race and the next-to-last race must be within 28 days of the last race. For example, assume today's race is on March 29 and the horse's last race was on March 1 and its previous race was on February 1.



Comparing Races at the Same Distance

For the following examples, assume that today's race is a 6-furlong dirt sprint for \$10,000 claimers and that the horse's last two races were the same conditions. Step One is to compare the horse's stretch-call beaten lengths.

Step One:

	<u>Horse's Stretch Call</u>
Last Race	$2^{2\frac{1}{2}}$
Next to Last Race	2^3

	<u>Horse's Stretch Call</u>
Last Race	$2^{3\frac{3}{4}}$
Next to Last Race	2^3

N Award an "N" in both examples and move on to Form Factor Four, as the beaten lengths are less than 1 length. There is no second step.

To proceed to Step Two of the comparison, the horse's stretch-call beaten lengths must be 1 or more lengths either closer or farther from the lead. In the following example, the horse was 1 length closer to the lead at the stretch call, so we proceed to Step Two.

	<u>Horse's Stretch Call</u>
Last Race	2^2
Next to Last Race	2^3

Step Two:

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Winner's Time</u>	<u>Horse's Time</u>
Last Race	2^2	3^2	1:11.2	1:11.4
Next to Last Race	2^3	2^3	1:11.4 (+ 2/5 th)	1:12.2 (+ 3/5 th)

To receive a Plus (+), the horse must run two-fifths of a second faster than in its next-to-last race compared to the times of the winner and have been closer to the lead at the stretch call. The horse ran three-fifths faster in the comparable races but the winners ran two-fifths faster. So, the horse's overall improvement was one-fifth.

N The horse's overall improvement was $1/5^{\text{th}}$ faster so award an "N" for Neutral, because $2/5^{\text{th}}$ faster is required for a Plus (+).

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Winner's Time</u>	<u>Horse's Time</u>
Last Race	3³	2¹	1:12.4	1:13.0
Next to Last Race	5⁶	4³	1:12.0	1:12.3
			(- $4/5^{\text{th}}$)	(- $2/5^{\text{th}}$)

Again, the horse was 1 or more lengths either closer or farther to the lead at the stretch call in its last race, so we move to Step Two and check for improvement or decline. The winner ran $4/5^{\text{th}}$ slower while our horse ran only $2/5^{\text{th}}$ slower.

+ The horse improved by two-fifths of a second compared to the winners and was closer to the lead in its last race, so it is awarded a Plus (+) for improvement. If the horse had been farther from the lead, despite the improvement in time, it would only have qualified for an "N".

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Winner's Time</u>	<u>Horse's Time</u>
Last Race	3⁴	4⁴	1:14.0	1:14.4
Next to Last Race	1³	1³	1:11.2	1:11.2
			(- $13/5^{\text{th}}$)	(- $17/5^{\text{th}}$)

The horse was 1 length farther from the lead at the stretch call in its last race, so we move to Step Two. The winner ran $13/5^{\text{th}}$ slower while our horse ran $17/5^{\text{th}}$ slower.

O The horse ran two-fifths of second slower in its comparison races (actually, $4/5^{\text{th}}$ but $2/5^{\text{th}}$ is all that's required) and as a declining horse, is assigned an O for a form defect.

Comparing Races at Different Distances

If the two comparison races consist of a 6f sprint and a route, we again check the stretch positions first. If our horse was one length or more nearer to or farther from the lead at the stretch call, we move to Step Two and use the comparative six-furlong times to calculate the additional two-fifths measurement for improvement or decline – two "ticks" better or worse than the difference in the six-furlong leader's time.

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Leaders' 6f Time</u>	<u>Winner's Time</u>	<u>Horse's 6f Time</u>
Last Race – 8.5f	1^{hd}	1^{3/4}	1:14.1	1:48.1	1:15.1
Next to Last Race – 6f	7⁹	5⁷	1:12.4 (- 7/5 th)	1:12.4	1:14.1 (- 5/5 th)

+ The horse improved by two-fifths of a second compared to the winners at 6f and was closer to the leader at the stretch call in its last race, so it is awarded a Plus (+) for improvement.

The more complex (and difficult) comparisons involve sprints at different distances, routes at different distances, and a sprint/route comparison where the sprint is not 6f. Comparative time charts are required for all of these. Reproduced below are Mr. Scott's Time Charts for Sprints and Routes.

Comparative Time Chart for Sprint Races Only

5 f	5½ f	6 f	6½ f	7 f
:57.1	1:03.2	1:09.2	1:15.3	1:21.4
:57.2	1:03.3	1:09.3	1:15.4	1:22.0
:57.2	1:03.4	1:09.4	1:16.0	1:22.1
:57.3	1:04.0	1:10.0	1:16.1	1:22.2
:57.3	1:04.0	1:10.1	1:16.2	1:22.3
:57.4	1:04.1	1:10.2	1:16.3	1:22.4
:57.4	1:04.1	1:10.2	1:16.4	1:23.0
:58.0	1:04.2	1:10.3	1:17.0	1:23.1
:58.1	1:04.3	1:10.4	1:17.0	1:23.2
:58.1	1:04.3	1:10.4	1:17.1	1:23.3
:58.2	1:04.4	1:11.0	1:17.2	1:23.4
:58.2	1:04.4	1:11.0	1:17.3	1:24.0
:58.3	1:05.0	1:11.1	1:17.4	1:24.1
:58.4	1:05.1	1:11.2	1:18.0	1:24.2
:59.0	1:05.2	1:11.3	1:18.1	1:24.3
:59.1	1:05.3	1:11.4	1:18.2	1:24.4
:59.1	1:05.3	1:12.0	1:18.3	1:25.0
:59.2	1:05.4	1:12.1	1:18.4	1:25.1
:59.3	1:06.0	1:12.2	1:19.0	1:25.2
:59.3	1:06.0	1:12.2	1:19.0	1:25.3
:59.4	1:06.1	1:12.3	1:19.1	1:25.4
1:00.0	1:06.2	1:12.4	1:19.2	1:26.0
1:00.0	1:06.2	1:12.4	1:19.2	1:26.1
1:00.1	1:06.3	1:13.0	1:19.3	1:26.2
1:00.2	1:06.4	1:13.1	1:19.4	1:26.3
1:00.2	1:06.4	1:13.2	1:20.0	1:26.4
1:00.3	1:07.0	1:13.3	1:20.1	1:27.0
1:00.4	1:07.1	1:13.4	1:20.2	1:27.1
1:00.4	1:07.2	1:14.0	1:20.3	1:27.2
1:01.0	1:07.3	1:14.1	1:20.4	1:27.3
1:01.1	1:07.4	1:14.2	1:21.0	1:27.4
1:01.1	1:07.4	1:14.2	1:21.0	1:28.0
1:01.2	1:08.0	1:14.3	1:21.1	1:28.1
1:01.3	1:08.1	1:14.4	1:21.2	1:28.2
1:01.3	1:08.1	1:14.4	1:21.3	1:28.3
1:01.4	1:08.2	1:15.0	1:21.4	1:28.4
1:02.0	1:08.3	1:15.1	1:22.0	1:29.0
1:02.1	1:08.4	1:15.2	1:22.1	1:29.1
1:02.1	1:09.0	1:15.3	1:22.2	1:29.2
1:02.2	1:09.1	1:15.4	1:22.3	1:29.3

Track Type	Mile to 1 ⁴⁰	Mile to 1 ⁷⁰	1 ⁷⁰ to 1 ^{1/16}	Mile to 1 ^{1/16}	1 ^{1/16} to 1 ^{1/8}
Fast	:02.1	:04.1	:02.2	:06.3	:06.3
Medium	:02.2	:04.2	:02.3	:06.4	:06.4
Slow	:02.3	:04.3	:02.4	:07.0	:07.0

In the following example, we compare a 7-furlong sprint and an 8.5-furlong route. As usual, we begin with the horse's beaten lengths at the two stretch calls.

	<u>Horse's Stretch Call</u>
Last Race – 7f	2^{hd}
Next to Last Race – 8.5f	4⁷

Noting the significant difference, we proceed to a preliminary second step – we must convert the final time of the 7-furlong sprint to a 6-furlong time so that we can compare it to the 6-furlong time of the route.

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Leaders' 6f Time</u>	<u>Winner's Time</u>	<u>Horse's 6f Time</u>
Last Race – 7f	2^{hd}	2^{nk}	???	1:23.0	???
Next to Last Race – 8.5f	4⁷	4⁸	1:11.4	1:45.2	???

The winner's 7-furlong time was 1:23.0. Using the Comparative Time Chart for Sprints, we determine that the equivalent 6-furlong time would 1:10.2. We also note that in the 8.5f route, our horse was 2 ½ lengths behind after 6 furlongs, which Scott rounds up to 3 lengths. So our horse's 6-furlong time in the route is 1:12.2. (With margins of less than ½ length, e.g. nk, hd, Scott rounds down.) Incorporating that information, we can compare races.

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Leaders' 6f Time</u>	<u>Winner's Time</u>	<u>Horse's 6f Time</u>
Last Race – 7f	2^{hd}	2^{nk}	1:10.2	1:23.0	1:10.2
Next to Last Race – 8.5f	4⁷	4⁸	1:11.4 (+ 7/5 th)	1:45.2	1:12.2 (+ 15/5 th)

- + The horse improved by significantly more than two-fifths of a second compared to the winners and was closer to the lead in its last race, so it is awarded a Plus (+) for improvement.

In this example, we compare two sprints but at different distances, i.e. 6.5f to 6f.

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Leaders' 6f Time</u>	<u>Winner's Time</u>	<u>Horse's 6f Time</u>
Last Race – 6.5f	5 ^{4 ½}	7 ¹³	1:10.2	1:16.3	1:13.0
Next to Last Race – 6f	2 ^{hd}	4 ^{2 ½}	1:10.1 (- 1/5 th)	1:10.1	1:10.4 (- 11/5 th)

The winner's 6.5-furlong time was 1:16.3. Using the Comparative Time Chart for Sprints, we determine that the equivalent 6-furlong time would 1:10.2. (Our horse's 6f time is an estimate because we don't have his beaten lengths at 6f. He was beaten 4 ½ lengths at the stretch call, which is at 5.5f or one furlong from the finish, and 13 lengths at the finish. Regardless, we can be reasonably sure he was behind by more than 2/5th at the 6-furlong mark.)

- O The horse ran two-fifths of a second slower in its comparison races and as a declining horse, is assigned an O for a form defect.

In this last example, we compare two turf routes of different distances, 8.5f and 9f.

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Winner's Time</u>
Last Race – 8.5f	7 ^{8 ½}	7 ^{5 ½}	1:41.0
Next to Last Race – 9f	3 ⁴	2 ²	1:47.1

We can convert final times to either distance but it's usually easier to convert the last race into the distance of the preceding race. As these are rather fast times, especially for turf races, we'll use the "Fast" line from the route comparative time chart. We add :06.3 seconds to the 8.5f-furlong final time of 1:41.0 and obtain 1:47.3. Having lost by 5 ½ lengths, we add 6/5th to our horse's time.

	<u>Horse's Stretch Call</u>	<u>Finish</u>	<u>Winner's Time</u>	<u>Horse's Time</u>
Last Race – 8.5f	7 ^{8 ½}	7 ^{5 ½}	1:47.3	1:48.4
Next to Last Race – 9f	3 ⁴	2 ²	1:47.1 (- 2/5 th)	1:47.3 (- 6/5 th)

- O The horse ran two-fifths of a second slower in its comparison races and as a declining horse, is assigned an O for a form defect.

Exception for Class Drop Horses

- N If the horse has two recent races and in its last race, it dropped in class and showed two or more “ticks” of improvement over the prior race, award an “N” because the improvement may have been due to the weaker competition.
- O Conversely, if the horse has two recent races and in its last race, it dropped in class and showed “worse” performance over the prior race, award an “O” because this probably indicates declining form.

Use 20% as a significant class difference in claiming price or purse.

Exception of Significant Stretch Gain for a “Declining” Horse

If an otherwise declining horse gains three in either lengths, positions, or a combination of both, between the stretch and the finish of his last race, he is given an “N”, not “O”.

	<u>Horse’s Stretch Call</u>	<u>Finish</u>	<u>Winner’s Time</u>	<u>Horse’s Time</u>
Last Race (8.5f)	6⁴	2²	1:47.1	1:47.3
Next to Last Race (8.5f)	2¹	1¹	1:45.3	1:45.3
			(- 8/5 th)	(- 10/5 th)

The winner ran 8/5th slower while our horse ran 10/5th slower and a decline of 2/5th would normally merit an “O” for a form defect. Note, however, our horse’s stretch gain in its last race.

- N The horse ran two-fifths of a second slower in its comparison races but in its last race had a stretch gain of three or more lengths/positions. Even though he might be a declining horse, that admirable late move prevents the assignment of a form defect, i.e. “O”.

Concluding comments

While this form factor will be measureable less frequently than the others, it is important when it does turn up. The ultimate thrust is more negative than positive. An improving horse, while showing good credentials for victory, might not make it for any number of reasons but a declining horse is almost sure to lose. The infrequent occasions when you see a winner that shows a decline in its last performance typically arise when the horse has a class edge or whose rating was marginally off. Declining horses are poor prospects, whether they are favorites or longshots.

Fourth Form Factor – Stretch Performance:

This factor pertains to the horse's performance in the stretch run of its last race, assuming that race was within the past 28 days. If the horse hasn't raced in 28 days, the factor is inapplicable and we assign the horse an "N". We assign the Plus (+) only for a Big Win and we only look to the next-to-last race if there is a change in surface today. For example, today's race is on dirt, its last was on turf and the previous race was on dirt.

To be significant, the stretch loss must be a length or more. Also, the horse must have been within "striking distance" of the lead at the stretch call. To determine striking distance, we use the "up close" standards that we've used before.

Up close/striking distance is based upon the race distance, as follows:

1. Sprints up to and including 6 ½ furlongs – 2 ¾ lengths or less from the lead, i.e. less than 3 lengths.
2. Races at 7 furlongs and 1 mile – 3 ¾ lengths or less from the lead, i.e. less than 4 lengths.
3. All races of a mile and 40 yards or longer – 4 ¾ lengths or less from the lead, i.e. less than 5 lengths.

So, the general rule for this factor is that any loss in the stretch of 1 or more lengths when the horse has been within striking distance at the stretch call is a significant stretch loss and the horse will receive an "O" rating for a form defect, unless the horse fits into one of the following exceptions.

1. The horse is dropping in class from his last race.
2. The horse's last race was his first race after a layoff of 28 days or more.
3. The horse is running a shorter distance today by one furlong or more.
4. The horse is running a longer distance today by more than one furlong.

Examples:

3	Chalon (E/P 7)	B. f. 4 FTKNOV 2017 \$550k	Prime Power: 142.1 (5th)
8/1	Own: Lael Stables	Sire: Dialed In (Mineshaft) \$25,000	L 119
	Royal Blue, White Cross Sashes, Green Sleeves	Dam: Fall Fantasy (Menifee)	
		Brdr: J K Griggs & Linda Griggs (KY)	
		Tmr: Delacour Arnaud (1 0-1-0 0%)	
LOPEZ PACO (28 4-4-1 14%)			
+2018	366 19% 49% -0.42	+2018	79 20% 47% -0.91
+JKYw/EP types	428 21% 50% -0.34	Graded Stakes	65 14% 52% -0.69
+JKYw/Trn L60	2 50% 100% -0.20	+3rd off layoff	69 28% 65% -0.34
+JKYw/ Sprints	196 19% 47% -0.28	+Sprints	292 28% 55% -0.23
★ 27% trainer: 3rd off layoff ★ Ran 2nd in last race ★ Sharp 5F workout (Jun-03)			
DATE TRK	DIST	RR	RACETYPE
12May18Bel ³	6½ gd	221	:45 1:09 ³ 1:16 ² 4 ¹ 120
21Apr18Lr ⁴	6 ¹ ft	:214 :45 ¹ :57	1:09 ² 3 ⁴ 116

O Chalon lost one or more lengths in the stretch after she was up close at the stretch call. Her last race was less than 28 days ago; it was just ½ furlong shorter than today and at the same class. She is assigned an "O" for a form defect. (If there is any concern about the "gd" surface, she had previously won on an off track.)

N If Upset Brewing were racing in a G3 or higher today, she would receive an "O" for a form defect. She is running again within 28 days of her last race and at the same distance. In that last race, she was up close at the stretch call and lost 1 ¼ lengths in the stretch. She avoids the form defect because she is dropping in class, back to allowance company.

N Dowse's Beach was up close at the stretch call of its last race and lost 3 ¾ lengths. Typically he would receive an "O". Three exceptions apply though, any one of which would relieve him of that form defect. First, he's dropping in class (20% or more is significant). Second, it was his first race after a layoff of more than 28 days. And third, today's race is shorter by one furlong or more. So, he's awarded an "N".

Because the last three Form Factors all require a race within 28 days, the evaluation of a horse without such a recent race can be significantly abbreviated.

A horse without a qualifying 5-furlong workout would be: O ~ ~ ~

-mick

12/20/18

Tim's surveys:

Hi folks. As promised a while back I just completed 2 100 race surveys - one on Scott's Form Factors and the other on Tom Brohamers' up close at the stretch factor. The tracks involved were PRX, FG, MVR, CD, and FL. Here are the results.

	Scott's Form Factors
Races	Winner with no defects
100	82

So after 200 races there was a total of 162 winners [81%] with no form defects. In this survey I looked at which factors the horses with defects were. Here is what it looked liked.

Recency [no race or workout last 30 days] 10 winners. Out of these 10, 8 were trained by top trainers at the track. FWIW I used to maintain a list of all trainers at each track who won when horse showed no workouts. As you might expect they were mostly top trainers.

Running line [not **up close** at required call] 6 winners. I adopted the Tom B guidelines of 3.5 lengths in a sprint and 5 lengths in a route. Don't be too rigid here; use your instincts.

Form [**declining form** based on Scott guideline] 3 winners.

Stretch loss [lost 1 or more lengths in stretch after being close up at stretch call. There are exceptions to this] 6.

You may note that adds up to 107 horses. That's because several horses having more than 1 defect. It should also be noted that Tom B didn't put too much stock in this one but endorsed the others in his audio series available in the Sartin Library at P & C.

Brohamer Up Close Guidelines

Once again "**up close**" at stretch call was 3.5 lengths in a sprint and 5 lengths in a route with a little latitude allowed. A horse dropping in class or shorting up from last race, move up close to 2nd call.

	Winners Meeting Guidelines
Races	
100	86

As you can see, although both men established these guidelines many years ago, they are still very effective today. They are very good for breaking ties and moving horses up or down the tier levels. I use all of these every day. It's not as much work as it may seem once you establish a routine.

Tim

Now that Mick has provided everyone with the factors laid out by Scott I thought I would point out how I use them on a daily basis. I start my capping by getting my contenders from the top 5 Bris Prime power and top 5 Profit line horses. I then go to RDSS and verify the paceline chosen by the program changing the ones I don't agree with. I have a form the I use which contains the factors I have found the most useful. You don't need the form since you can use a piece of legal paper to record any info you want including the Scott Factors. When I get to the Scott Factors I mark the +, n or o as called for. Unlike Scott I don't toss a horse as soon as it gets a o. Rather I mark all 4 boxes. Now I go to the RX screen and look at the rankings. I now begin the process of moving horse up, down or leave them in place. In some races you will find all contenders have no defects or they all have defects. Of the Scott factors I tend to be more forgiving of is the recency factor since racing has changed since the book came out. Many trainers such as Chad Brown and Todd Pletcher rarely use 5f work outs no matter how long the horse has been off. Same goes for other leading trainers. If the horse has the recency defect due to lacking the technical work out but does show it has been working out and is trained by a good trainer[I use 10% as the lowest I consider good] then I rate the horse acceptable by using an n within a o. With the other factors I go with the Scott guidelines except I've adopted Tom Brohamers' beaten lengths for the up close standard. Remember to stay flexible when dealing with the up close guidelines. You don't want to toss a horse because it was 4 behind at stretch call in a sprint instead of 3/3/4. There are enough reasons to toss horse and being too rigid shouldn't be one. Hope this helps. Feel free to share any questions you may have.

Tim

Adding Mr. Scott's special symbols in MS Word:

"Insert" tab

Symbol (far right on the ribbon)

More Symbols

Font: Arial Unicode MS (must be Unicode font for symbols and their codes to appear)

Subset: Enclosed Alphanumerics

® 24C7 Alt+X (My assigned shortcut: Ctrl+Alt+R)

℥ 24CC Alt+X (My assigned shortcut: Ctrl+Alt+W)

™ 24C2 Alt+X (My assigned shortcut: Ctrl+Alt+M)

∅ This marginal performance symbol can be created on a full-sized keyboard by holding down the "Alt" key and on the Number Pad, typing the digits "0216". Release the Alt key and presto!

∅ This symbol by typing 2205, then Alt+X.

⊖ This symbol with Alt+20E0 or by typing 20E0, then Alt+X.

Other "less successful" attempts:



Combining Enclosing Circle

Character code: 20DD, Alt+X

R,U+20DD Alt+X (No space after comma)

® (I can only make this work with the Cambria Math font; W and M are off center.)

One trick to do this is to adjust the tracking. In Word (2007), you can highlight the two adjacent glyphs, go into the Font dialog, choose the `character spacing` tab, set "spacing" to "condensed" and "by" field to something such as 10pt. Check the preview for alignment.

This essentially sets the spacing between the two glyphs to a negative amount, causing the second one to overlap the first one. If you change the typeface or size, you will need to tweak it.

<https://superuser.com/questions/312966/using-the-combining-enclosing-circle-character-in-word>

