

# SPECIFIC RULES FOR STAGES AFFECTED BY CROSSWIND

Some stages, usually in northern France or / and along coastal roads can be exposed to crosswind. Crosswind can play havoc with the peloton. First of all, if expected, crosswind has all the riders trying to jostle for positions at the front of the field, trying to ensure that they will not miss the crucial break in the peloton. Normally, this is a recipe for crashes to happen as riders are bunched up, jumpy and using the full width of the road (and more). When crosswind do actually blow, it splits the peloton. Riders have to form a diagonal line to offer shelter to the next man and if for a reason the line is interrupted, a gap occurs and it can quickly build up to a substantial advantage. Riders left behind must organise themselves in a new diagonal formation (an echelon) and try to limit the damage and hope that their formation is stronger than the one in front, in the hope of catching up. Anticipating crosswind is a very tactical move.

## WHAT TO EXPECT ON THE REPLAY

You can expect more incidents until the crosswind actually occur. When crosswind do occur, expect a split in the peloton with some big names left behind. The rest of the stage is a long pursuit between the two groups. Any trouble occurring when the echelons are formed will result in serious loss of time, as everyone is going as fast as they can.

## HOW TO RUN A STAGE WITH CROSSWIND

Unless otherwise stated, Flat Stage Rules are in effect for these stages, with the following amendments.

**Tempo Modifier:** As usual

**Number of Incident Riders per section:** Before Crosswind materialises = 3  
During sections affected by Crosswind = 2  
Last km = 1

**Secondary Attacks in Last km:** See Stage Replay Data

**Tempo:** Tempo is referred to the pace of the lead echelon

**GV Reduction:** In use as usual. Increased by 1 on Crosswind sections. Do not affect echelons.

## Procedure:

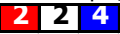
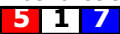


**Section Length:** No Change.

**Crosswind Check:** Roll the 2d6 and check if the result is within the range for the stage. If yes, crosswind is blowing and the procedure will start immediately.  
If not, run stage as usual. Determine a breakaway.


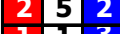

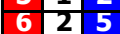

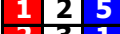
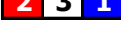
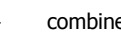
**Forming an Echelon:**


- Roll all 3 dice (2d6 & d10). Use highest number out of sum of 2d6 or d10. Minimum must be at least 5, if not add all three dice to obtain the number of selections. If this still adds up to 5, you must re-roll.
- For each selection. Roll all 3 dice and check the Crosswind Teams List. The Red & White d6 will indicate a result between 11 and 66. This will determine the group from which the team is chosen. The d10 will indicate which team is selected from the group. A team can only be selected once. Repeated selections are void. Void selections are not re-rolled.
- For each team selected, roll the 2d6 and check the sum against the Riders Selection Table. This will indicate how many riders from each team are taking part in the echelon.
- Having determined the number of riders for each team, you can check on the Crosswind Teams check who is "in" and who missed out. It may help to list the riders from the echelon.
- Add the ratings of the teams in the echelon and divide by the number of teams present, to determine the value of the Echelon.

A quick example,

-  Sum of 2d6 = 4, value of d10 = 4, neither 5 or above(!), so we add them up to get a number of selection = 8
- We roll  for the first selection.  = Category B (41-53)  = BMC

Eventually, we selected:

	= BMC
	= Radioshack
	(Radioshack) = Void
	= Astana
	= Cervelo
	= Sky
	(Sky) = Void
	= SaxoBank

- BMC Cat. B  = 4 combined with B on Riders Selection Table = 6 riders  
Eventually we had:

BMC, 6 riders  
Radioshack, 6 riders  
Astana, 2 riders  
Cervelo, 4 riders  
Sky, 5 riders  
SaxoBank, 5 riders

For a total of: 28 riders

4) Who were:	
BMC, 6 riders	Bookwalter, Evans, Morabito, Hincapie, Ballan, Santambroglio
Radioshack, 6 riders	Armstrong, Kloden, Leipheimer, Brajkovic, Horner, Paulinho
Astana, 2 riders	Vinokourov, Contador
Cervelo, 4 riders	Konovalovas, Lancaster, Sastre, Hushovd
Sky, 5 riders	Thomas, Flecha, Boasson Hagen, Wiggins, Gerrans
SaxoBank, 5 riders	Cancellara, Voigt, O'Grady, Fuglsang, F. schleck
5) BMC	+1
Radioshack	+5
Astana	+1
Cervelo	-2
Sky	+3
SaxoBank	+4
Total =	+12 / 6 teams = +2

**Time Management:** Any breakaway ahead of the Echelon will be managed as per Flat stage rules.  
The Echelon will be taking on the role of the Peloton during the chase.  
The second Echelon will have its time management calculated in relation to the first Echelon.  
Dropped riders will form various groups with a pre determined time loss on the second Echelon. Their time loss to the first Echelon or the breakaway group could be considerably higher.

Breakaway: trying to stay ahead of first Echelon.

First Echelon: trying to catch breakaway but mainly to put as much time as possible to second Echelon.

Second Echelon: trying to catch first Echelon.

Dropped Riders: struggling to limit the time loss

**Breakaway Group(s):** Same as for any other Flat Stage but GV Modifier Linked to distance is increased by 1 for sections affected by crosswind.

**First Echelon:** Plays the role of peloton for calculation of Time management with Breakaway.

**Second Echelon:** Could be referred also as the main bunch, composed of the riders and teams who missed out when the first Echelon was formed. Time management is based on their relation with the First Echelon.

- On the Section immediately following the formation of the First Echelon, use:

**Rating x Length of section = Time gained (+) or lost (-)**

If the result is negative (-), the Second Echelon has managed to close the gap and the peloton is once again compact. However, it is possible for a new Echelon to form if the dice roll is within the crosswind range on a subsequent section.

- On subsequent sections and until the peloton would be compact again, use:

**[(Difference between Red d6 and White d6)+/- Echelon Value] x length of section = Time gained or lost**

► **Difference between Red & White d6:**

- If the Red d6 is higher than the White d6, the First Echelon Value increases by 1 (+1)

- If the White d6 is higher than the Red d6, the First Echelon Value is reduced by 1 (-1)

- if the 2 d6 are equal (a double), the First Echelon Value remains as it was previously

Example,

The First Echelon Value (FEV) is +2. The section following the formation of the Echelon is 43 km long. The advantage of the First Echelon to the second Echelon is  $43 \times +2 = 86$  sec or 1min 26

On the next section, 54 km long, the roll of the d6 reads **1 2** meaning that the White d6 is highest. Therefore the FEV is reduced by 1 to +1. The gap still increases but only by 54 sec to 139 sec or 2min 19

**Dropped Riders:** Receive a set time loss to second Echelon as a result of the Incident that affected them. This is a constant value.























**Last km:** as for usual Flat stage.

**Sprint Finish :**

Riders not rated for sprint can use their Breakaway Rating when sprinting inside their group as long as they belong to a breakaway group or the First Echelon. Any rider rated for sprint inside the same group will use his Sprint Rating doubled.  
Example,

Cancellara or Vinoukourov can use their Breakaway Rating of 9 when deciding their finishing position inside a breakaway group but if Hushovd is in the same group, he will be using his Sprint Rating "doubled" to 16. That way, sprinters keep their advantage.

# 2010 TOUR DE FRANCE CROSSWIND RULES TEAM LIST

Dice Roll: 11-36 A +4 1 Saxo Bank  1 Cancellara 2 Voigt 3 O'Grady 4 Fuglsang 5 F. Schleck 6 A.Schleck 7 N. Sorensen 8 CA. Sorensen 9 Breschel	Dice Roll: 11-36 A +5 2-4 Radioshack  1 Armstrong 2 Kloden 3 Leipheimer 4 Brajkovic 5 Horner 6 Paulinho 7 Popovich 8 Rast 9 Muravyev	Dice Roll: 11-36 A +3 5 Sky  1 Thomas 2 Flecha 3 Boasson Hagen 4 Wiggins 5 Gerrans 6 Lovkvist 7 Barry 8 Cummings 9 Pauwels	Dice Roll: 11-36 A +3 6 Garmin  1 Millar 2 Zabriskie 3 Farrar 4 Maaskant 5 Hesjedal 6 VandeVelde 7 Hunter 8 VanSummeren 9 Dean	Dice Roll: 11-36 A +1 7 HTC  1 Martin 2 Rogers 3 Monfort 4 Grabsch 5 Suitsou 6 Cavendish 7 Hansen 8 Eisel 9 Renshaw	Dice Roll: 11-36 A +2 8 Milram  1 Terpstra 2 Gerdemann 3 Knees 4 Kluge 5 Ciolek 6 Roberts 7 Rohregger 8 Frohlinger 9 Wegmann																																																																
Dice Roll: 11-36 A +1 9 Caisse d'Epargne  1 Plaza 2 Kiriyenka 3 LL. Sanchez 4 Moreau 5 Rojas 6 Gutierrez 7 DaCosta 8 Erviti 9 Perget	Dice Roll: 11-36 A +0 10 Rabobank  1 Tjallingii 2 Menchov 3 Niermann 4 Gesink 5 Boom 6 Tankink 7 Moerenhout 8 Freire 9 Garate	Dice Roll: 41-53 B +1 1-2 Astana  1 Vinokourov 2 Contador 3 Grivko 4 Tiralongo 5 Noval 6 Iglinskiy 7 Hernandez 8 Navaro 9 De La Fuente	Dice Roll: 41-53 B +0 3 Liquigas  1 Quinzato 2 Oss 3 Kreuzinger 4 Belotti 5 Koren 6 Basso 7 Kuschynski 8 Vanborg 9 Szmyd	Dice Roll: 41-53 B -1 4 Francaise des Jeux  1 Roy 2 Ladagnous 3 Casar 4 LeMevel 5 Roux 6 Vaugrenard 7 Geslin 8 DiGregorio 9 Sulzberger	Dice Roll: 41-53 B +1 5-7 BMC  1 Bookwalter 2 Evans 3 Morabito 4 Hincapie 5 Ballan 6 santambroglio 7 Kroon 8 Burghardt 9 Frank																																																																
Dice Roll: 41-53 B -2 8 Quick Step  1 Barredo 2 Chavanel 3 Pineau 4 Devenyns 5 Wijnaants 6 DeWeert 7 Reda 8 VanDeWalle 9 Seeldrayers	Dice Roll: 41-53 B +0 9 Bbox  1 Voeckler 2 Turgot 3 Charteau 4 Vogondy 5 Fedrigo 6 Sprick 7 Gautier 8 Arashiro 9 Rolland	Dice Roll: 41-53 B -2 10 Cofidis  1 Monier 2 Taaramae 3 Auge 4 Kern 5 Pauriol 6 Dumoulin 7 El Fares 8 Minard 9 Moinard	Dice Roll: 54-63 C -3 1 Katusha  1 Karpets 2 Pluschin 3 Brutt 4 McEwen 5 Rodriguez 6 Kolobnev 7 Vorganov 8 Vandenbergh 9 Ivanov	Dice Roll: 54-63 C -2 2 AG2R  1 Roche 2 Lelay 3 Riblon 4 Elmingier 5 Bouet 6 Champion 7 Nocentini 8 Mondory 9 Gadret	Dice Roll: 54-63 C -2 3-5 Cervelo  1 Konovalovas 2 Lancaster 3 Sastre 4 Hushovd 5 Hunt 6 Gustov 7 Klier 8 Lloyd 9 Florencio																																																																
Dice Roll: 54-63 C -3 6-8 Omega Pharma Lotto  1 VanDenBroeck 2 Wegelius 3 Roelandts 4 Lang 5 Delage 6 Moreno 7 Aerts 8 DeGreef 9 Llovd	Dice Roll: 54-63 C -2 9-10 Lampre  1 Malori 2 Petacchi 3 Hondo 4 Lorenzo 5 Spillak 6 Cunego 7 Gavazzi 8 Bole 9 DaDalto	Dice Roll: 64-66 D -7 1-7 Euskaltel  1 S. Sanchez 2 verdugo 3 Oroz 4 A. Perez 5 Isasi 6 martinez 7 Txurruka 8 R. Perez 9 Velasco	Dice Roll: 64-66 D -7 8-10 Footon  1 Duran 2 Mayoz 3 Eibegger 4 Valls 5 Capecchi 6 Feline 7 Cardoso 8 Perez 9 Benitez	NUMBER OF RIDERS SELECTION TABLE <table><tr><th rowspan="2">Dice Roll</th><th colspan="4">Team Ranking Category</th></tr><tr><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>2</td><td>9</td><td>8</td><td>7</td><td>6</td></tr><tr><td>3</td><td>8</td><td>7</td><td>6</td><td>5</td></tr><tr><td>4</td><td>7</td><td>6</td><td>5</td><td>4</td></tr><tr><td>5</td><td>7</td><td>6</td><td>5</td><td>4</td></tr><tr><td>6</td><td>6</td><td>5</td><td>4</td><td>3</td></tr><tr><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td></tr><tr><td>8</td><td>5</td><td>4</td><td>3</td><td>2</td></tr><tr><td>9</td><td>5</td><td>4</td><td>3</td><td>2</td></tr><tr><td>10</td><td>4</td><td>3</td><td>2</td><td>1</td></tr><tr><td>11</td><td>4</td><td>3</td><td>2</td><td>1</td></tr><tr><td>12</td><td>3</td><td>2</td><td>1</td><td>1</td></tr></table> Number of riders from team		Dice Roll	Team Ranking Category				A	B	C	D	2	9	8	7	6	3	8	7	6	5	4	7	6	5	4	5	7	6	5	4	6	6	5	4	3	7	6	5	4	3	8	5	4	3	2	9	5	4	3	2	10	4	3	2	1	11	4	3	2	1	12	3	2	1	1
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