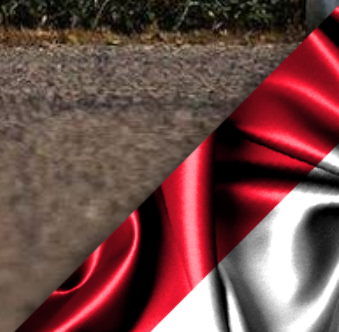




# SPECIAL STAGES ANALYSIS

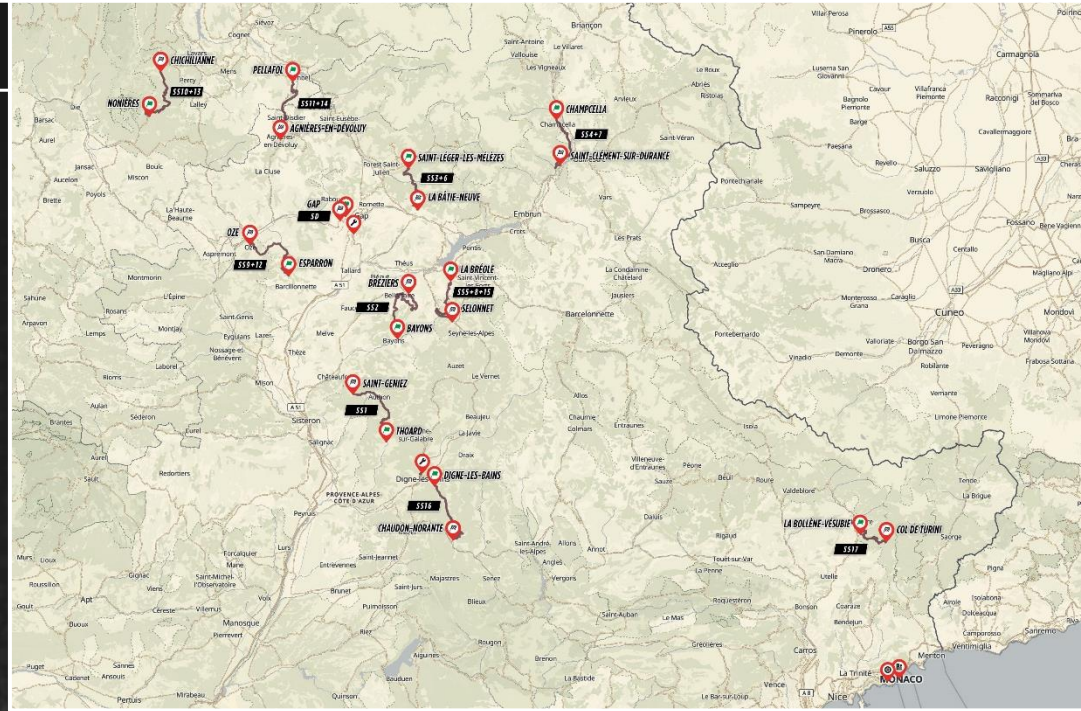




# RALLY OVERVIEW

## RALLY INFORMATION

DAYS	4
LEGS	3
LENGTH	1649.89 KM
# SS	17
SS LENGTH	324.44 KM
LIASON	1325.45 KM



## TYRES

### P ZERO



**SUPERSOFT**  
WRC 124  
WRC 216

ASPHALT



FIRST CHOICE



**SOFT**  
WRC 120  
WRC 220

ASPHALT



ALTERNATIVE

### SOTTOZERO



**STUDED**  
WRC 124  
WRC 224

ICE



**NOT STUDED**  
WRC 112  
WRC 212

SNOW

## SPECIAL STAGES INFORMATION

LONGEST LOOP	DAY 3 - SATURDAY - 1 <sup>st</sup> & 2 <sup>nd</sup> [60.20 Km]
LONGEST STAGE	SS 2 - Bayons / Bréziers [25.19 Km]



# LOOPS & SECTIONS SEVERITY

	THURSDAY	FRIDAY	SATURDAY	SUNDAY
LOOP 1	 SECTIONs 1 SPECIAL STAGEs 1 . 2	 SECTIONs 2 SPECIAL STAGEs 3 . 4 . 5	 SECTIONs 4 SPECIAL STAGEs 9 . 10 . 11	 SECTIONs 6 . 7 SPECIAL STAGEs 15 . 16 . 17
LOOP 2		 SECTIONs 3 SPECIAL STAGEs 6 . 7 . 8	 SECTIONs 5 SPECIAL STAGEs 12 . 13 . 14	

# STAGES OVERVIEW

STAGE	LENGTH [km]	CONDITIONS			ICE / SNOW	GROUND			RATINGS				STAGE RATE
		DRY	DAMP	WET		ABRASIVE	MEDIUM	SMOOTH	PUNCTURE RISK	TYRE WEAR	GRIP LEVEL	TYRE STRESS	
1	Thoard / Saint-Geniez	21.01		100%		52%	45%	3%	5	4	2	5	
2	Bayons / Bréziers	25.19		100%		52%	40%	8%	4	3	2	4	
<b>THURSDAY FIRST PASS km</b>		<b>46.20</b>		<b>45%</b>		<b>52%</b>	<b>42%</b>	<b>6%</b>	<b>4.5</b>	<b>3.5</b>	<b>2</b>	<b>4.5</b>	
3	St. Léger-les-Mélèzes / La Bâtie-Neuve	16.68	51%	34%	15%	41%	20%	24%	2	3	2	4	
4	Champcella / Saint-Clément	17.87	56%	44%		4%	61%	35%	2	2	4	2	
5	La Bréole / Selonnet	18.31		90%	10%	66%	17%	7%	4	4	3	5	
<b>FRIDAY FIRST PASS km</b>		<b>52.86</b>	<b>35%</b>	<b>57%</b>		<b>8%</b>	<b>37%</b>	<b>33%</b>	<b>2.5</b>	<b>3</b>	<b>3</b>	<b>3.5</b>	
9	Esparron / Oze	18.79	11%	52%	37%	55%	6%	2%	3	2	1	3	
10	Les Nonières / Chichilianne	20.04	28%	72%		72%	23%	5%	3	3	3	4	
11	Pellafol / Agnières-en-Dévoluy	21.37	35%	65%		37%	59%	13%	3	4	4	4	
<b>SATURDAY FIRST PASS km</b>		<b>60.20</b>	<b>25%</b>	<b>63%</b>		<b>12%</b>	<b>54%</b>	<b>27%</b>	<b>3</b>	<b>3</b>	<b>2.5</b>	<b>3.5</b>	
16	Digne-les-Bains / Chaudon-Norante	19.01	100%			48%	46%	6%	3	4	3	4	
17	La Bollène-Vésubie / Col de Turini	14.80	100%			61%	24%	15%	2	3	3	3	
<b>SUNDAY FIRST PASS km</b>		<b>33.81</b>	<b>100%</b>			<b>54%</b>	<b>36%</b>	<b>10%</b>	<b>2.5</b>	<b>3.5</b>	<b>3</b>	<b>3.5</b>	
<b>RALLY FIRST PASS km</b>		<b>193.07</b>	<b>35%</b>	<b>46%</b>	<b>13%</b>	<b>6%</b>	<b>49%</b>	<b>34%</b>	<b>11%</b>	<b>3</b>	<b>3</b>	<b>2.5</b>	<b>4</b>

# SURFACE SORTING



**TARMAC** *ABRASIVE*



**TARMAC** *MEDIUM*



**TARMAC** *SMOOTH*



**ICE** *VERGLAS*



**ICE** *ICE*



**SNOW** *SLUSH*



# THURSDAY OVERVIEW

## DAY INFORMATION

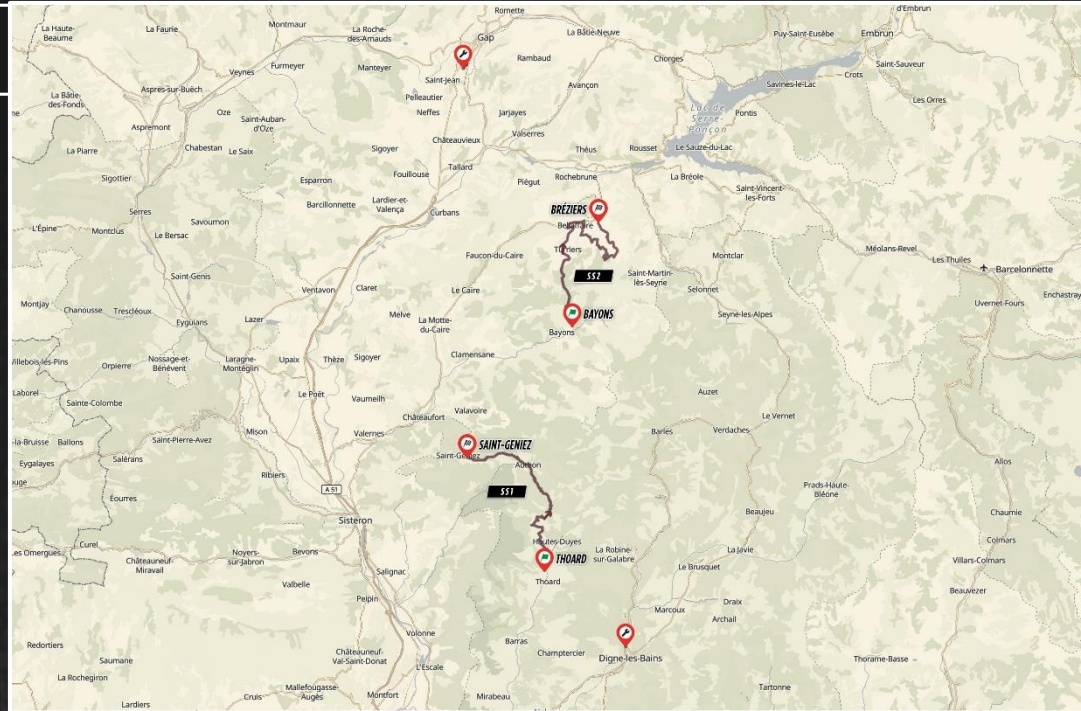
LOOPS **1**

LENGTH **314.29 KM**

SS LENGTH **46.20 KM**

LIASON **268.09 KM**

% SS **14.70 %**



## ITINERARY NOTES

- 2 Special Stages
- Shortest loop of the rally
- Longest stage of the rally [SS 2 – 24.90 km]
- Tyre Fitting Zone [Digne-les-Bains] ahead of SS1

## RECCE NOTES

Most difficult “first loop” of the rally, with **high risk of puncture and high tyre stress**

- ✓ Several surface changes with several blacktop patches
- ✓ Bumpy sections
- ✓ Dirty sections

## SPECIAL STAGES INFORMATION

LONGEST LOOP — [46.20 Km]

LONGEST STAGE **SS 2 – Bayons / Bréziers [25.19 Km]**

CRITICAL STAGE **SS 1 – Thoard / Saint-Geniez [21.01 Km]**



# SS 1 • Thoard / Saint-Geniez

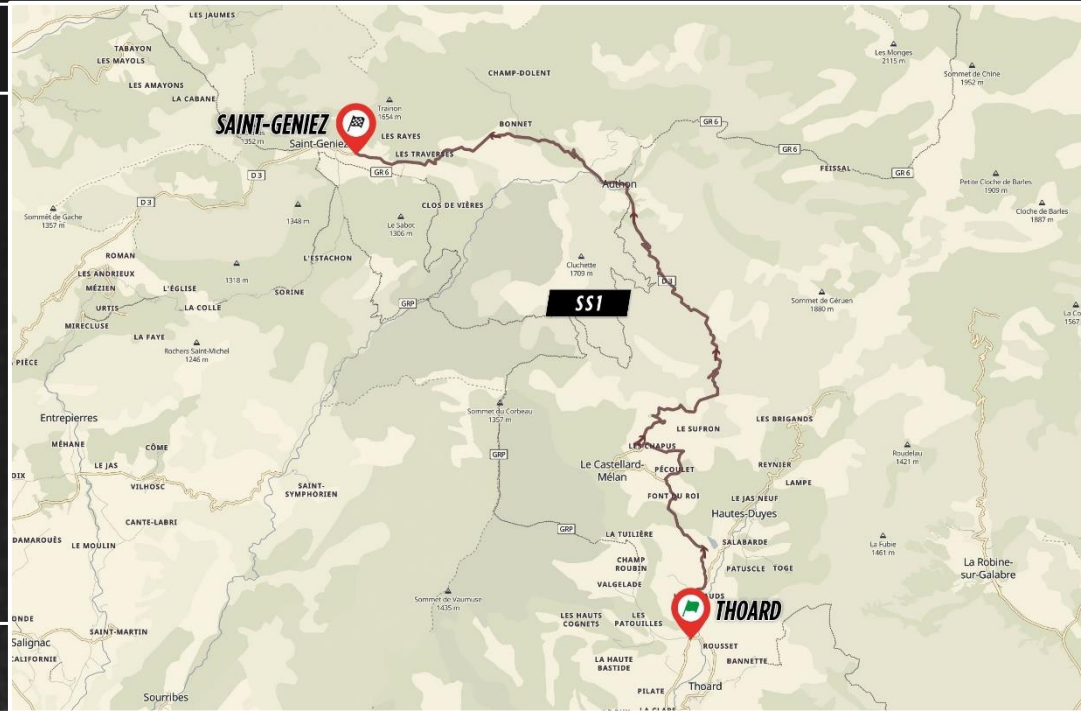
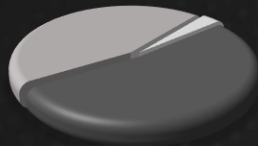
## STAGE INFORMATION

LENGTH

21.01 km

SURFACES

- ABRASIVE TARMAC 52%
- MEDIUM TARMAC 45%
- SMOOTH TARMAC 3%



## RECCE INFO



22.01  
16h30



LIGHT RAIN



AIR 6°C  
GROUND 6°C

## RECCE NOTES

Technical stage with several surface changes

- ✓ From START to 7.5 and from 15.1 to STOP fast bumpy sections, medium to narrow, mainly on abrasive tarmac
- ✓ From 7.5 to 15.1 twisty to technical uphill and downhill, mid-narrow, on medium tarmac with several dirty corners and blacktop patches

## RATINGS

PUNCTURE RISK



TYRE WEAR



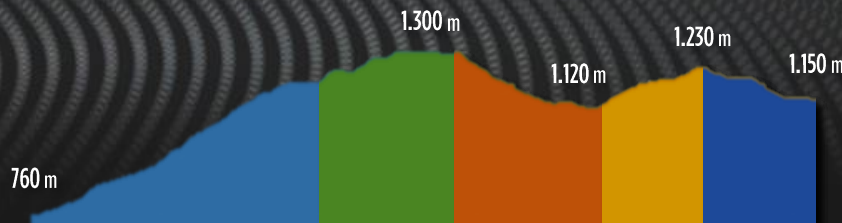
TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 7.5	ABRASIVE TARMAC	MID-NARROW	TECHNICAL	BUMPY
7.5 - 11.6	MEDIUM TARMAC	MID-NARROW	TWISTY	DIRTY CUTS
11.6 - 15.1	MEDIUM TARMAC	MID-NARROW	TECHNICAL	BLACKTOP
15.1 - 17.9	MEDIUM TARMAC	MEDIUM	FAST	
17.9 - STOP	ABRASIVE TARMAC	NARROW	TECHNICAL	BUMPY



# SS 2 • Bayons / Bréziers

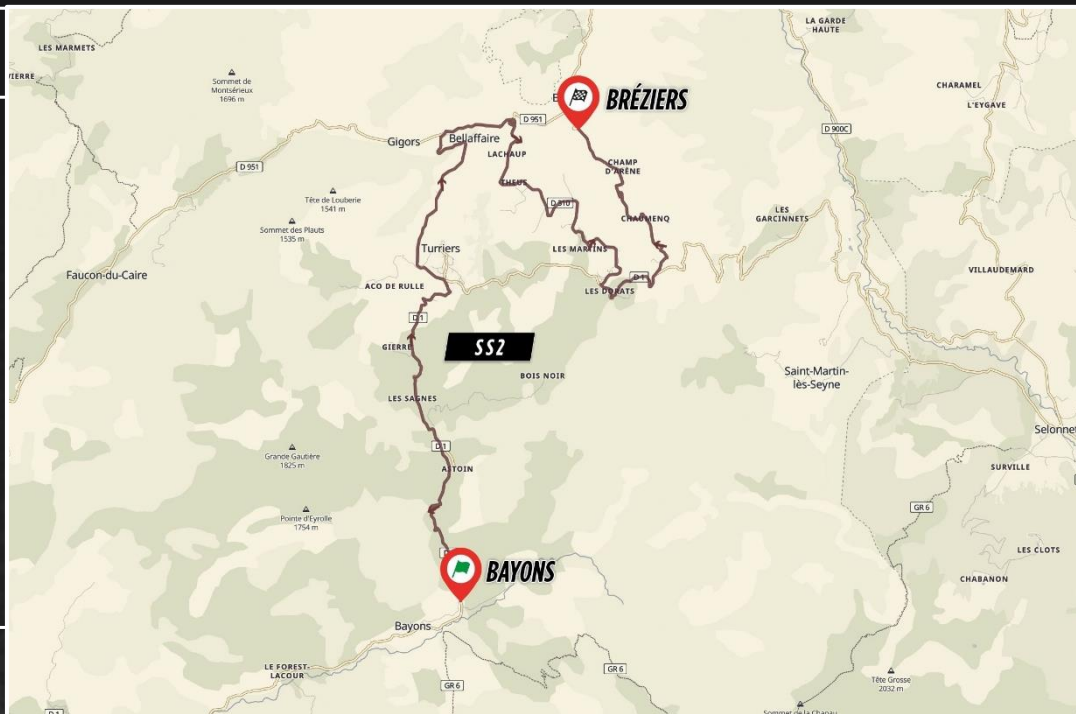
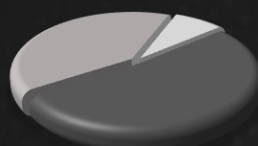
## STAGE INFORMATION

LENGTH

25.19 km

SURFACES

- ABRASIVE TARMAC 52%
- MEDIUM TARMAC 40%
- SMOOTH TARMAC 8%



## RECCE INFO



22.01  
18h00



LIGHT RAIN



AIR 3°C  
GROUND 4°C

## RECCE NOTES

Fast stage with several surface changes and long blacktop patches

- ✓ From START to 18.0 fast uphill and downhill with few hairpins, mid-narrow to medium, mainly on abrasive tarmac
- ✓ From 18.0 to STOP technical downhill, mid-narrow, mainly on medium tarmac with several dirty cuts

## RATINGS

PUNCTURE RISK



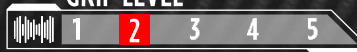
TYRE WEAR



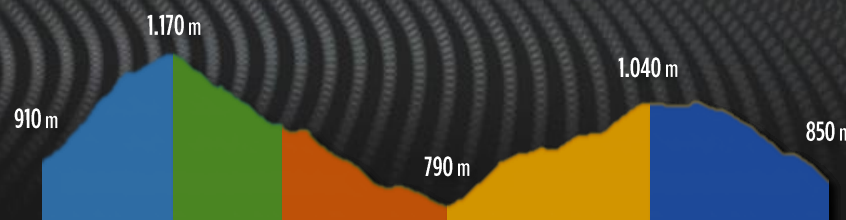
TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 4.3	ABRASIVE TARMAC	MID-NARROW	FAST	BLACKTOP
4.3 - 7.7	MEDIUM TARMAC	MID-NARROW	FAST	BLACKTOP
7.7 - 13.1	ABRASIVE TARMAC	MEDIUM	FAST	BLACKTOP
13.1 - 18.0	ABRASIVE TARMAC	MEDIUM	FAST	
18.0 - STOP	MEDIUM TARMAC	MID-NARROW	TECHNICAL	DIRTY CUTS





# FRIDAY OVERVIEW

## DAY INFORMATION

LOOPS **2**

LENGTH **510.65 KM**

SS LENGTH **105.72 KM**

LIASON **404.93 KM**

% SS **20.70 %**



## ITINERARY NOTES

- 6 Special Stages
  - 3 Special Stages x 2

## RECCE NOTES

Opening stage with highest elevation and **highest chance of ice / verglas**. Closing stage demanding for tyres due to **high vertical load with verglas spots**

- ✓ Bumpy sections
- ✓ Dirty sections

## SPECIAL STAGES INFORMATION

LONGEST LOOP **1<sup>st</sup> & 2<sup>nd</sup> [52.86 Km]**

LONGEST STAGE **SS 5 / 8 - La Bréole / Selonnet [18.31 Km]**

CRITICAL STAGE **SS 8 - La Bréole / Selonnet 2 [18.31 Km]**



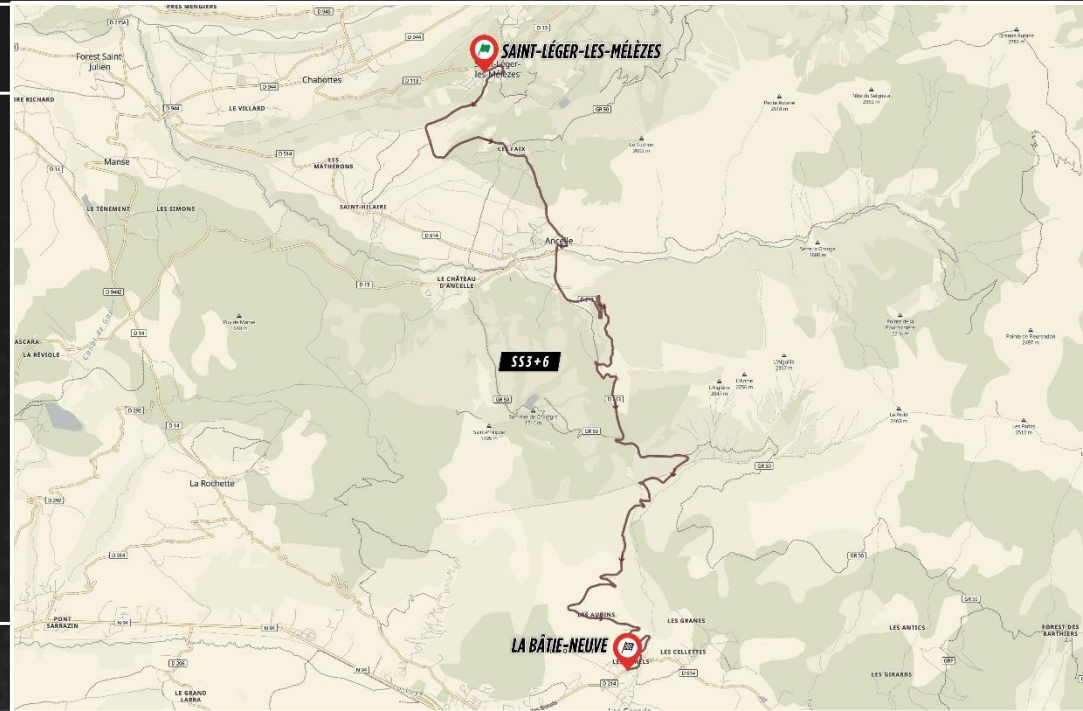
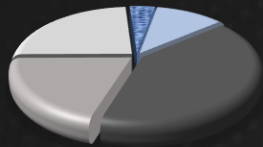
# SS 3.6 • St-Léger-les-Mélèzes / La Bâtie-Neuve

## STAGE INFORMATION

LENGTH **16.68 km**

### SURFACES

- ABRASIVE TARMAC 41%
- SMOOTH TARMAC 24%
- MEDIUM TARMAC 20%
- ICE 11%
- SLUSH 4%



## RECCE INFO



23.01  
15h35



CLEAR



AIR 6°C  
GROUND -3°C

## RECCE NOTES

Fast but technical stage, with several layout and conditions changes

- ✓ From START to 5.9 fast uphill and downhill, on smooth tarmac
- ✓ From 5.9 to 9.0 twisty uphill, mid-narrow, on medium tarmac with a long section on ice and snow slushes
- ✓ From 9.0 to STOP technical to fast downhill, narrow to medium, on abrasive tarmac with ice spots and a long bumpy section

## RATINGS

### PUNCTURE RISK



### TYRE WEAR



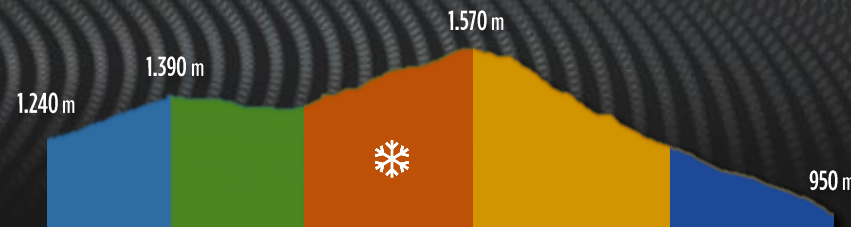
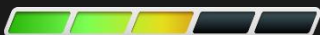
### TYRE STRESS



### GRIP LEVEL



### STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 2.7	SMOOTH TARMAC	MEDIUM	FAST	ROUNDBABOUT
2.7 - 5.9	SMOOTH TARMAC	MEDIUM	FAST	
5.9 - 9.0	MEDIUM TARMAC	MID-NARROW	TWISTY	ICE
9.0 - 13.8	ABRASIVE TARMAC	NARROW	TECHNICAL	BUMPY
13.8 - STOP	ABRASIVE TARMAC	MEDIUM	FAST	



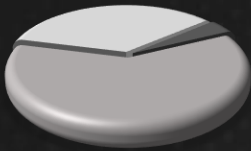
# SS 4.7 • Champcella / Saint-Clément

## STAGE INFORMATION

LENGTH **17.87 km**

### SURFACES

- MEDIUM TARMAC **61%**
- SMOOTH TARMAC **35%**
- ABRASIVE TARMAC **4%**



## RECCE INFO



23.01  
17h20



CLEAR



AIR 3°C  
GROUND 3°C

## RECCE NOTES

Technical stage, medium to narrow, mainly on medium tarmac, with several rhythm changes and several passes through villages

- ✓ From START to 5.1 technical uphill and downhill
- ✓ From 5.1 to 10.8 very fast section first flat then uphill
- ✓ From 10.8 to 13.6 twisty uphill, with smooth patches and **dirty spots**
- ✓ From 13.6 to STOP technical downhill, with smooth patches

## RATINGS

### PUNCTURE RISK



### TYRE WEAR



### TYRE STRESS



### GRIP LEVEL



### STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 5.1	MEDIUM TARMAC	MID-NARROW	TECHNICAL	
5.1 - 8.2	MEDIUM TARMAC	MEDIUM	FAST +	
8.2 - 10.8	MEDIUM TARMAC	MEDIUM	FAST	
10.8 - 13.6	MEDIUM TARMAC	MID-NARROW	TWISTY	DIRT
13.6 - STOP	MEDIUM TARMAC	NARROW	TECHNICAL	



# SS 5 · 8 · 15 • La Bréole / Selonnet

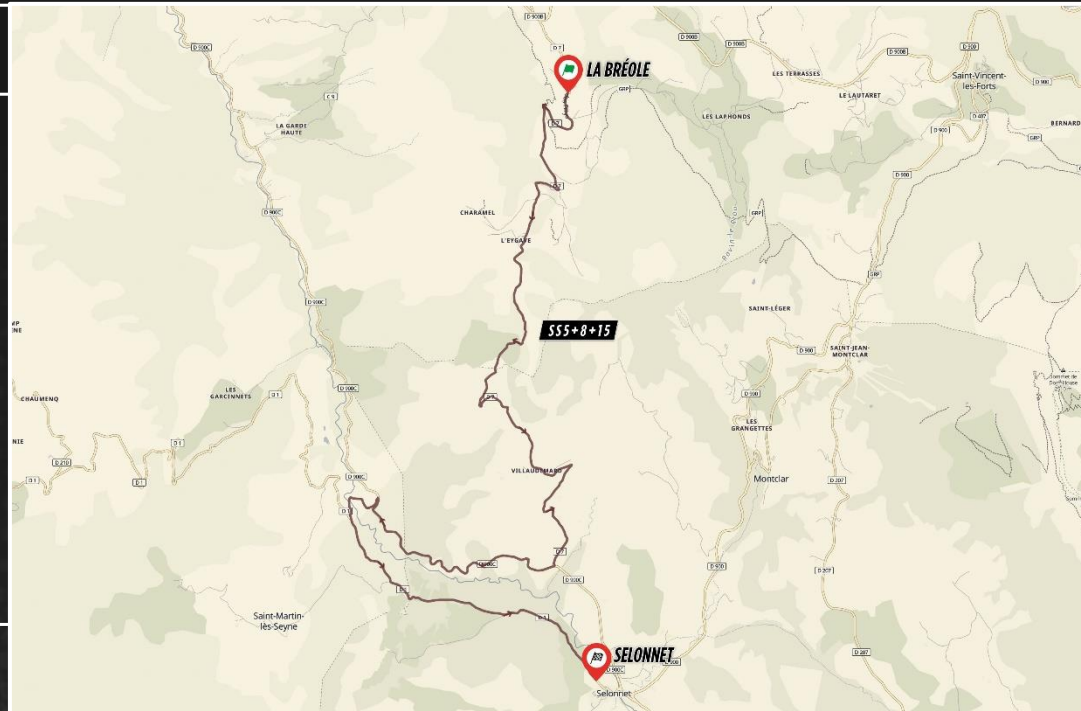
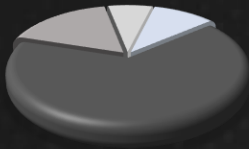
## STAGE INFORMATION

LENGTH

18.31 km

SURFACEs

- ABRASIVE TARMAC 66%
- MEDIUM TARMAC 17%
- VERGLAS 10%
- SMOOTH TARMAC 7%



## RECCE INFO



24.01  
09h25



CLEAR



AIR 14°C  
GROUND 30°C

## RECCE NOTES

Fast but technical stage, with several layout and rhythm changes

- ✓ From START to 9.7 technical uphill and downhill, mid-narrow, very bumpy on medium to abrasive tarmac
- ✓ From 9.7 to 13.1 fast downhill, medium, on abrasive tarmac
- ✓ From 13.1 to STOP technical uphill, narrow, bumpy, mainly on abrasive tarmac with smooth patches and several verglas spots

## RATINGS

PUNCTURE RISK



TYRE WEAR



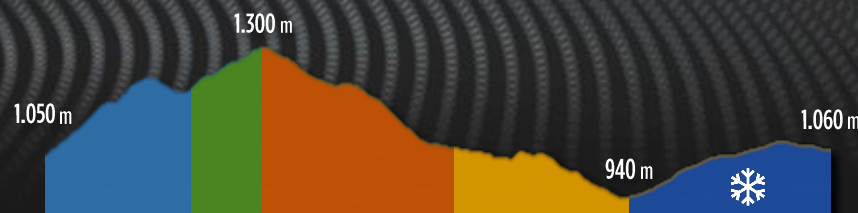
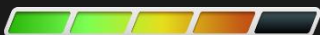
TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 3.3	MEDIUM TARMAC	MID-NARROW	TECHNICAL	BUMPY
3.3 - 5.3	ABRASIVE TARMAC	MID-NARROW	TWISTY	BUMPY
5.3 - 9.7	ABRASIVE TARMAC	MID-NARROW	TECHNICAL	BUMPY
9.7 - 13.1	ABRASIVE TARMAC	MEDIUM	FAST	
13.1 - STOP	ABRASIVE TARMAC	NARROW	TECHNICAL	VERGLAS



# SATURDAY OVERVIEW

## DAY INFORMATION

LOOPS	2
LENGTH	504.09 KM
SS LENGTH	120.40 KM
LIASON	383.69 KM
% SS	23.88 %



## ITINERARY NOTES

- 6 Special Stages
  - 3 Special Stages x 2
- Longest loop(s) of the rally

## RECCE NOTES

Very technical loop. Opening stage with **lowest grip** due to the **highest percentage of ice / verglas**

- ✓ Verglas spots
- ✓ Several hairpins

## SPECIAL STAGES INFORMATION

LONGEST LOOP	1 <sup>st</sup> & 2 <sup>nd</sup> [60.20 Km]
LONGEST STAGE	SS 11 / 14 - Pellafol / Agnières-en-Dévoluy [21.37 Km]
CRITICAL STAGE	SS 14 - Pellafol / Agnières-en-Dévoluy 2 [21.37 Km]



# SS 9.12 • Esparron / Oze

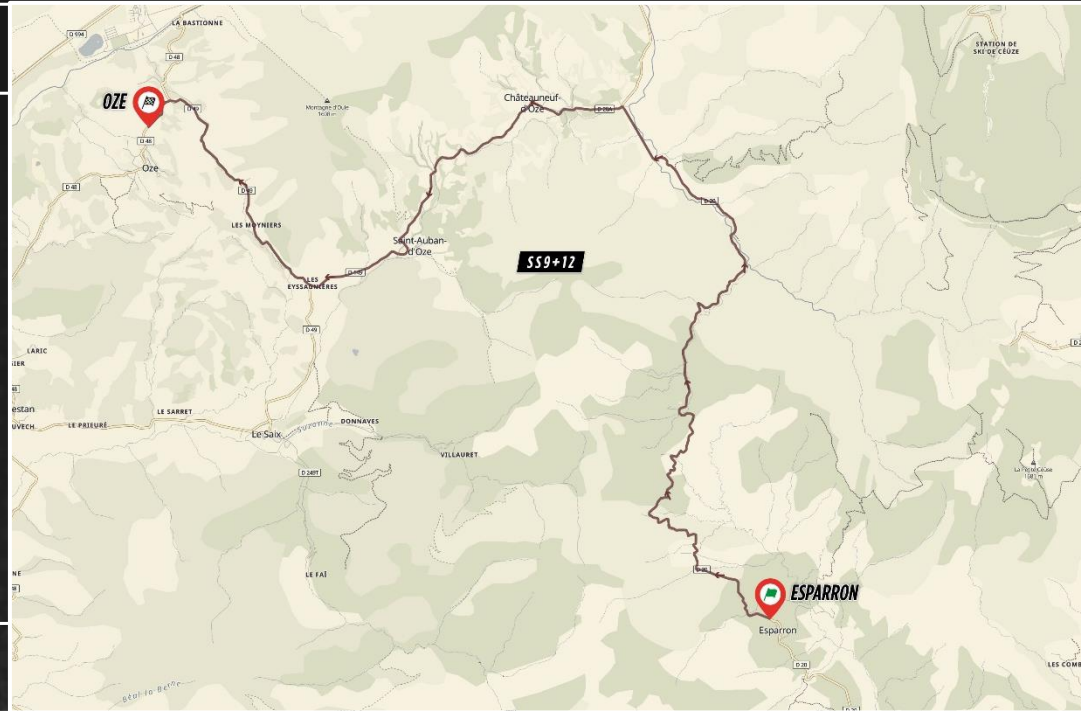
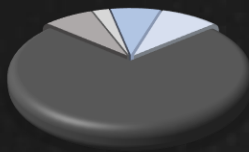
## STAGE INFORMATION

LENGTH

18.79 km

SURFACES

- ABRASIVE TARMAC 55%
- VERGLAS 30%
- ICE 7%
- MEDIUM TARMAC 6%
- SMOOTH TARMAC 2%



## RECCE INFO



23.01  
09h15



CLEAR



AIR 5°C  
GROUND 2°C

## RECCE NOTES

Fast but technical stage, mid-narrow, mainly on abrasive tarmac, with several long sections in the shade on verglas / ice and blacktop patches

- ✓ From START to 3.7 very twisty and dirty uphill
- ✓ From 3.7 to 9.7 technical downhill with verglas spots
- ✓ From 9.7 to STOP fast uphill and downhills with verglas and ice

## RATINGS

PUNCTURE RISK



TYRE WEAR



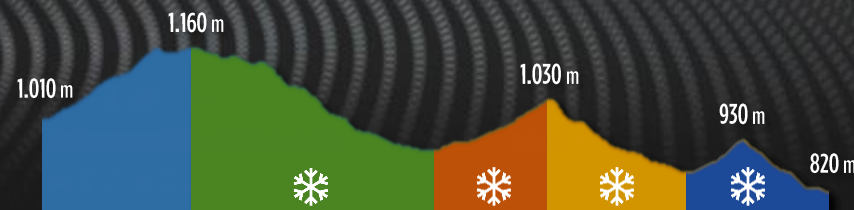
TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 3.7	ABRASIVE TARMAC	MID-NARROW	TWISTY	DIRT
3.7 - 9.7	ABRASIVE TARMAC	MID-NARROW	TECHNICAL	
9.7 - 12.2	VERGLAS	MID-NARROW	FAST	BLACKTOP
12.2 - 15.1	VERGLAS	MID-NARROW	TECHNICAL	
15.1 - STOP	ABRASIVE TARMAC	MID-NARROW	FAST	CUTS



# SS 10 · 13 • Les Nonières / Chichilianne

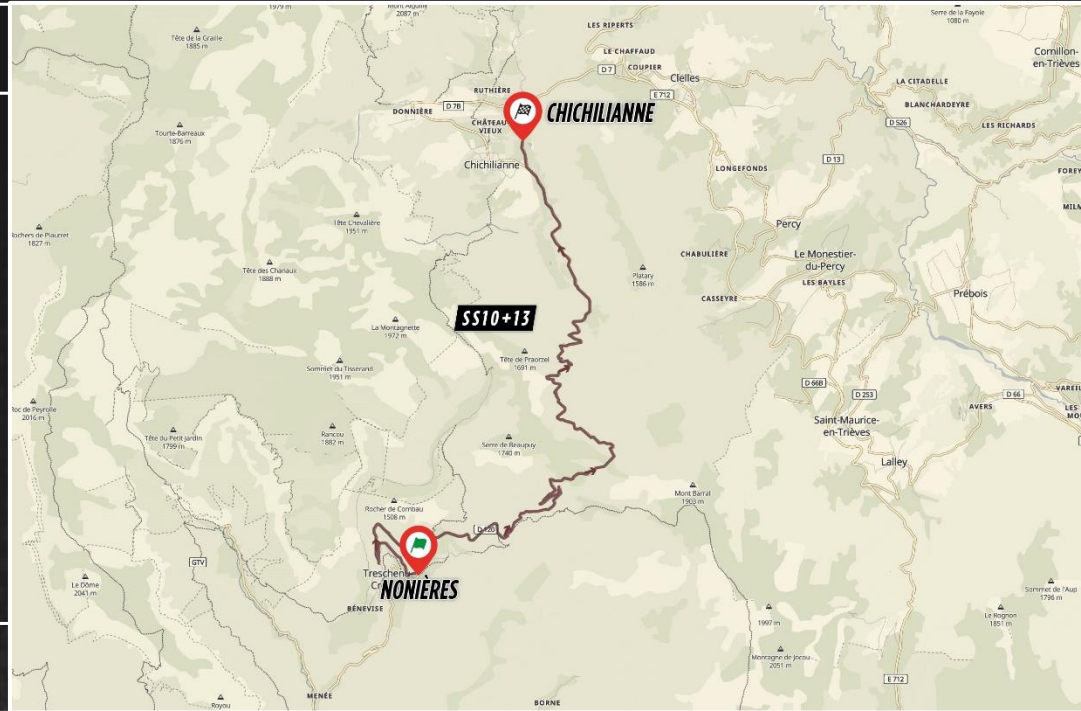
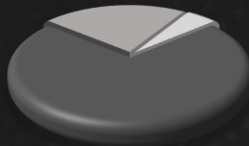
## STAGE INFORMATION

LENGTH

20.04 km

SURFACES

- ABRASIVE TARMAC 72%
- MEDIUM TARMAC 23%
- SMOOTH TARMAC 5%



## RECCE INFO



23.01  
11h20



CLEAR



AIR 7°C  
GROUND 3°C

## RECCE NOTES

Technical first uphill than downhill stage

- ✓ From START to 5.5 and from 15.9 to STOP fast bumpy sections, medium, on abrasive tarmac
- ✓ From 5.5 to 10.6 twisty uphill, medium, on medium tarmac
- ✓ From 10.6 to 15.9 technical to twisty downhill, mid-narrow, on medium to abrasive tarmac with dirty corners

## RATINGS

PUNCTURE RISK



TYRE WEAR



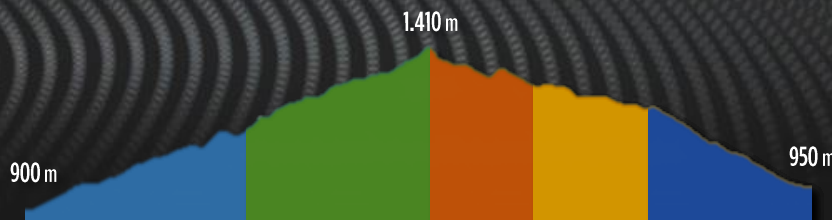
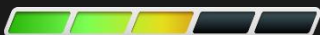
TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 5.5	ABRASIVE TARMAC	MEDIUM	FAST	
5.5 - 10.6	ABRASIVE TARMAC	MEDIUM	TWISTY	
10.6 - 12.2	MEDIUM TARMAC	MID-NARROW	TECHNICAL	DIRT
12.2 - 15.9	ABRASIVE TARMAC	MID-NARROW	TWISTY	DIRT
15.9 - STOP	ABRASIVE TARMAC	MEDIUM	FAST	BLACKTOP



# SS 11.14 • Pellafol / Agnières-en-Dévoluy

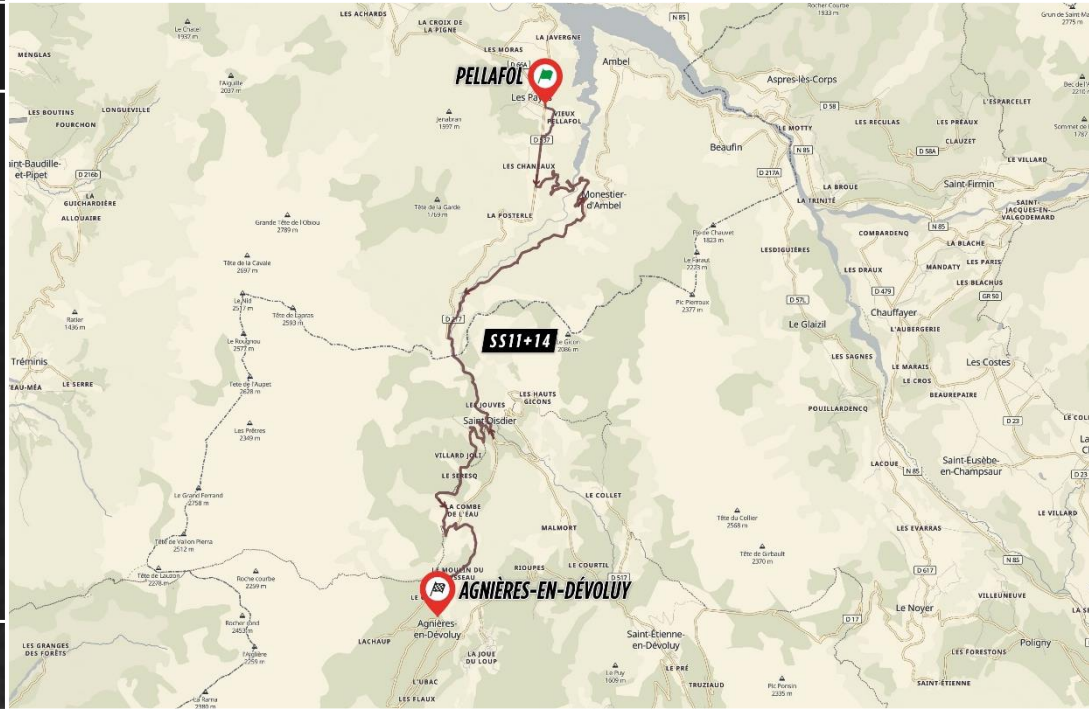
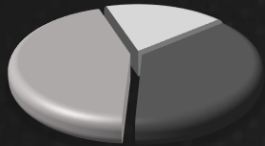
## STAGE INFORMATION

LENGTH

21.37 km

SURFACES

- MEDIUM TARMAC 50%
- ABRASIVE TARMAC 37%
- SMOOTH TARMAC 13%



## RECCE INFO



23.01  
13h50



CLEAR



AIR GROUND 7°C  
6°C

## RECCE NOTES

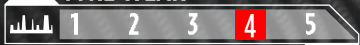
- Technical stage with several surface and rhythm changes
- From START to 10.1 uphill and downhill, mid-narrow, on medium to abrasive tarmac with a very fast flat section at 1.1 km
- From 10.1 to 13.4 fast uphill, medium, on smooth tarmac
- From 13.4 to 18.6 uphill and downhill, narrow, on abrasive tarmac
- From 18.6 to STOP fast uphill, medium, on medium tarmac

## RATINGS

PUNCTURE RISK



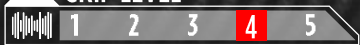
TYRE WEAR



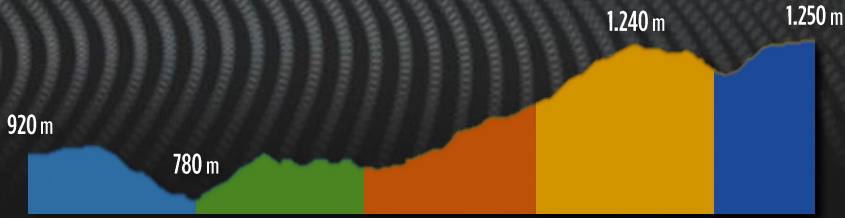
TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 4.7	MEDIUM TARMAC	MID-NARROW	TECHNICAL	
4.7 - 10.1	ABRASIVE TARMAC	MID-NARROW	TECHNICAL	
10.1 - 13.5	SMOOTH TARMAC	MEDIUM	FAST	
13.5 - 18.6	ABRASIVE TARMAC	NARROW	TECHNICAL	
18.6 - STOP	MEDIUM TARMAC	MEDIUM	FAST	





# SUNDAY OVERVIEW

## DAY INFORMATION

LOOPS	1
LENGTH	320.86 KM
SS LENGTH	52.12 KM
LIASON	268.74 KM
% SS	16.24 %



## ITINERARY NOTES

- 3 Special Stages
  - 3<sup>rd</sup> pass on SS 15
- Shortest stage of the rally [SS 17 – 14.80 km]

## RECCE NOTES

Loop with high vertical load. Several surface and rhythm changes Third pass on the opening stage

- ✓ Different tarmac patches
- ✓ Bumpy sections
- ✓ Several hairpins

## SPECIAL STAGES INFORMATION

LONGEST LOOP  
LONGEST STAGE  
CRITICAL STAGE

– [52.12 Km]  
SS 16 - Digne-les-Bains / Chaudon-Norante [19.01 Km]  
SS 15 - La Bréole / Selonnet 3 [18.31 Km]



# SS 16 • Digne-les-Bains / Chaudon-Norante

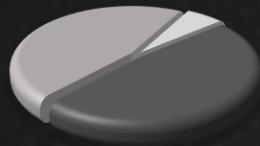
## STAGE INFORMATION

LENGTH

19.01 km

SURFACES

- ABRASIVE TARMAC 48%
- MEDIUM TARMAC 46%
- SMOOTH TARMAC 6%



## RECCE INFO



22.01  
15h20



CLEAR



AIR 4°C  
GROUND 2°C

## RECCE NOTES

Bumpy stage with several surface changes and rhythm changes

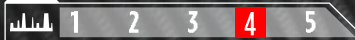
- ✓ From START to 12.0 mainly uphill, with few hairpins, medium to narrow, on medium to abrasive tarmac
- ✓ From 12.0 to STOP very technical downhill with several hairpins, mid-narrow, on medium tarmac with smooth patches and dirty spots

## RATINGS

PUNCTURE RISK



TYRE WEAR



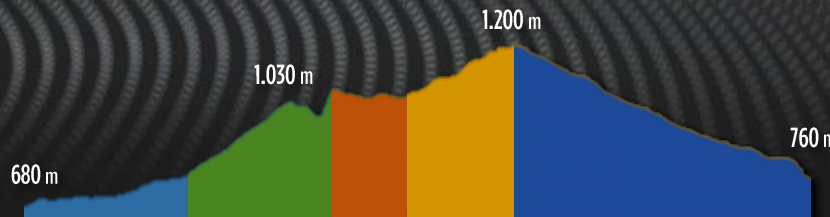
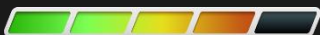
TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 4.1	MEDIUM TARMAC	MEDIUM	FAST	BUMPY
4.1 - 7.3	ABRASIVE TARMAC	MID-NARROW	TWISTY	BUMPY
7.3 - 9.3	ABRASIVE TARMAC	MID-NARROW	FAST	BUMPY
9.3 - 12.0	ABRASIVE TARMAC	NARROW	TWISTY	
12.0 - STOP	MEDIUM TARMAC	MID-NARROW	TECHNICAL	DIRT



# SS 17 • La Bollène-Vésubie / Col de Turini

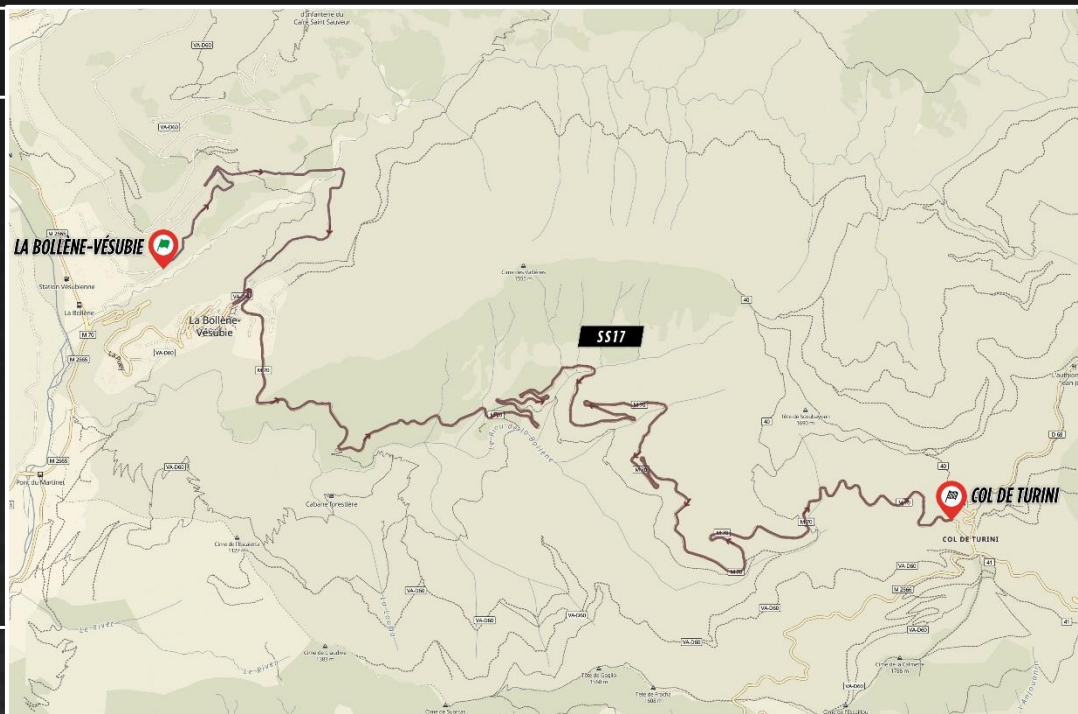
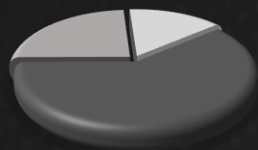
## STAGE INFORMATION

LENGTH

14.80 km

SURFACEs

- ABRASIVE TARMAC 61%
- MEDIUM TARMAC 24%
- SMOOTH TARMAC 15%



## RECCE INFO



22.01  
10h15



CLEAR



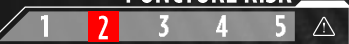
AIR -1°C  
GROUND -2°C

## RECCE NOTES

- Twisty uphill stage
- ✓ From START to 3.3 narrow, on mainly smooth tarmac, with kerbs roadside
- ✓ From 3.3 to STOP medium with mid-narrow sections, on abrasive tarmac with medium patches

## RATINGS

PUNCTURE RISK



TYRE WEAR



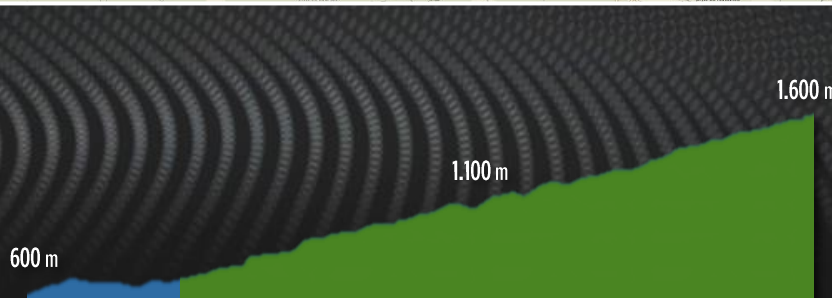
TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 3.3	SMOOTH TARMAC	NARROW	TWISTY	KERBS
3.3 - STOP	ABRASIVE TARMAC	MEDIUM	TWISTY	



# SHAKEDOWN • Shakedown

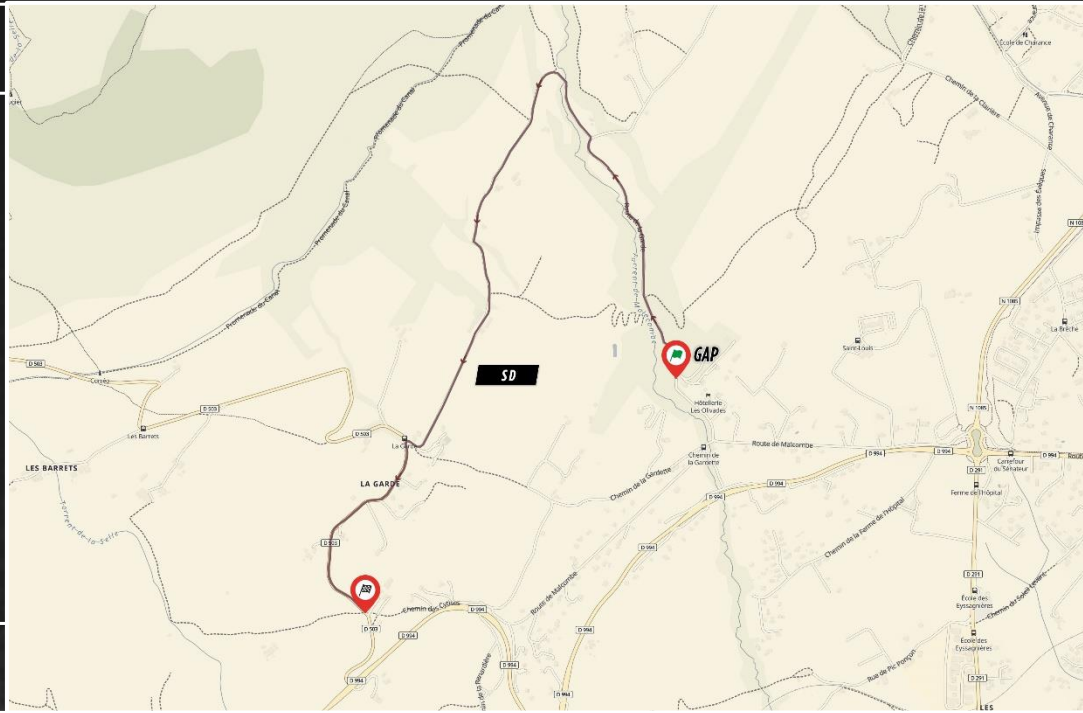
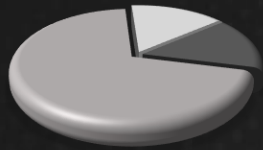
## STAGE INFORMATION

LENGTH

3.28 km

SURFACEs

- MEDIUM TARMAC 70%
- ABRASIVE TARMAC 15%
- SMOOTH TARMAC 15%



## RECCE INFO



24.01  
14h15



CLEAR



AIR 14°C  
GROUND 30°C

## RECCE NOTES

Representative of several section of rally.

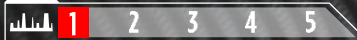
- ✓ From START to 2.2 technical uphill and downhill, narrow, on medium tarmac, with lot of dirt
- ✓ From 2.2 to STOP fast downhill, mid-narrow, on medium tarmac

## RATINGS

PUNCTURE RISK



TYRE WEAR



TYRE STRESS



GRIP LEVEL



STAGE RATE



SECTION	SURFACE	WIDTH	LAYOUT	NOTE
START - 1.4	MEDIUM TARMAC	NARROW	TECHNICAL	DIRT
1.4 - 2.2	MEDIUM TARMAC	NARROW	TECHNICAL	DIRT
2.2 - STOP	MEDIUM TARMAC	MID-NARROW	FAST	

