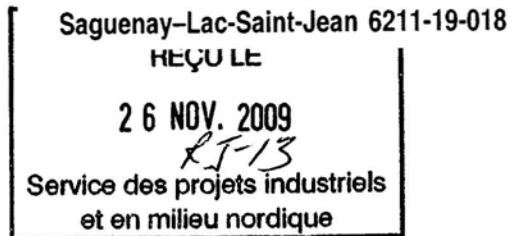


Usine pilote Ap50, Rio Tinto Alcan
2685 boulevard Saguenay
Jonquière, Québec, G7S 2H8
Canada
T 418 699 2111
F 418 699 6213

PR5.1.1
Construction de l'usine AP50 du Complexe
Jonquière à Saguenay



Monsieur Robert Joly
Chef du Service des projets industriels et en milieu nordique
Édifice Marie-Guyart
675, boul. René-Lévesque Est
Québec (Québec)
G1R 5V7

Le 20 novembre 2009

**Objet : Complément de réponse à la première série de questions sur l'étude
d'impact du projet de construction de l'usine AP50 (question QC-56)
Votre dossier : 3211-14-031**


Monsieur,

Lors du dépôt des réponses à la première série de questions sur notre étude d'impact, nous n'avions pu vous transmettre, tel que demandé à la question QC-56, les mesures de particules fines (PM2.5) et de dioxyde de soufre (SO₂) enregistrées par les nouveaux équipements installés dans le cadre de notre projet puisqu'elles n'avaient pas encore été validées. Nous sommes maintenant en mesure de vous les transmettre comme nous nous y étions engagés. Ces données seront aussi transmises par envoi électronique aux représentants régionaux du MDDEP chargés du dossier de l'usine pilote AP50 qui nous en avaient fait la demande.

Le présent envoi comprend les résultats sur une base horaire pour la période du 1^{er} octobre 2008 au 17 juin 2009 inclusivement. Les tableaux de résultats de SO₂ incluent aussi une compilation des dépassements du futur critère sur 4 minutes et du critère 24 heures calculé selon la méthode utilisée par le MDDEP. Les tableaux incluent aussi pour chaque mois le pourcentage de données valides. Il est important de rappeler, que le nombre de données est faible et ne permet pas encore d'établir des statistiques valables et représentatives de la situation existante. Ces données sont donc transmises uniquement à titre informatif.

Veuillez agréer, Monsieur, nos salutations distinguées.

p.j.


André Ayotte
Surintendant santé, sécurité et environnement
Usine pilote AP50

c.c. Mme Diane Gagnon, Chargée de projet MDDEP
M. Guy G. Bouchard, Directeur Environnement, Rio Tinto Alcan
M. Yvan Cantin, Directeur de projet, usine AP50 Jonquière
Mme Lise Castonguay, Directrice technique, usine AP50 Jonquière

Station Berthier PM2.5 (ug/m3)

Mois Octobre 2008 % données valides:100%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	30	26	24	40	44	50	45	63	70	41	63	53	48	60	51	51	53	60	56	37	53	44	28	28	46
02	28	26	31	26	24	23	23	24	24	35	26	21	18	18	18	20	4	4	2	4	6	6	6	6	17
03	6	6	4	3	5	5	4	4	4	3	3	5	5	5	5	5	4	3	3	3	3	3	3	3	4
04	3	3	3	3	3	3	7	7	5	1	4	4	5	5	6	6	8	8	8	7	5	5	5	5	5
05	5	5	5	2	1	5	5	5	5	5	5	3	2	5	5	5	5	5	5	9	9	9	9	9	5
06	5	7	10	10	10	9	6	5	9	17	12	9	5	2	2	4	6	6	6	6	6	6	6	6	7
07	4	1	3	7	7	7	7	7	9	9	10	7	3	8	14	10	5	5	5	4	4	7	7	7	7
08	7	7	7	7	7	7	6	6	11	19	10	9	9	8	8	5	43	2	17	27	17	17	17	18	12
09	22	13	14	17	15	14	12	10	10	27	28	20	18	12	16	17	8	8	8	8	8	8	7	5	14
10	6	8	6	3	3	3	3	2	2	6	6	5	6	4	4	5	6	3	6	6	5	6	6	7	5
11	5	5	5	4	4	6	7	8	8	5	7	8	8	8	8	8	8	9	13	9	6	8	8	8	7
12	8	8	10	10	9	6	6	6	6	6	6	7	10	13	12	10	10	10	10	10	10	10	10	11	9
13	16	14	11	8	8	8	8	8	9	18	14	11	11	11	9	7	7	30	30	34	33	20	59	33	8
14	20	29	19	22	22	21	17	21	32	31	24	24	24	23	19	No Result	No Result	2	5	2	2	5	5	5	17
15	3	1	3	5	2	2	5	5	4	2	5	5	5	5	5	5	2	5	10	8	6	6	6	7	4
16	11	11	11	8	16	11	11	11	21	18	9	9	9	9	9	7	5	5	5	5	5	5	5	5	9
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	4	3	3	3	5	9	7	3	4	6	6	6	6	6	6	9	9	7	20	20	16	18	11	8
19	11	13	14	12	9	10	12	12	9	19	20	11	11	11	20	10	10	10	11	14	9	9	9	10	11
20	12	12	11	26	15	22	19	14	16	16	16	37	11	13	13	16	10	13	13	13	13	13	11	9	15
21	17	19	13	13	13	11	11	9	4	4	3	3	1	1	1	2	4	4	4	4	4	4	4	4	6
22	4	4	4	4	5	8	7	5	5	7	7	8	5	108	10	17	7	7	8	8	12	10	20	17	12
23	12	12	12	12	12	10	9	9	9	9	9	9	8	5	5	5	5	7	21	21	21	21	21	17	11
24	14	14	14	14	14	12	21	14	16	8	19	11	13	11	7	11	13	21	16	18	13	18	25	17	14
25	25	31	17	16	13	13	13	13	13	13	12	12	28	44	48	12	29	75	88	59	70	8	11	37	29
26	41	67	92	19	6	4	3	5	8	10	12	9	9	9	9	9	8	6	7	9	11	17	24	16	
27	58	81	37	17	10	11	14	13	13	10	4	5	8	8	8	8	8	10	12	17	4	6	10	10	15
28	10	10	10	7	8	11	9	8	10	11	10	7	7	7	7	7	7	7	7	7	7	6	4	18	8
29	13	78	17	51	36	17	21	7	7	7	6	3	3	3	2	2	1	3	3	2	2	6	4	3	12
30	9	8	4	6	4	4	6	6	6	6	8	8	6	4	4	6	6	7	9	16	9	12	21	7	
31	18	19	14	12	41	20	9	11	13	32	19	6	6	6	9	9	10	13	10	7	7	7	6	6	12

Station Berthier PM2.5 (ug/m3)

Mois Décembre 2008 % données valides: 81%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
02	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
05	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
06	8	8	8	8	8	8	8	10	10	10	9	7	7	11	11	11	11	12	20	27	28	65	16	13	13
07	19	48	27	15	12	9	12	17	20	18	11	10	8	9	11	13	14	11	8	5	6	9	6	6	13
08	6	6	6	5	3	3	3	3	5	5	7	7	7	7	6	6	2	3	6	6	5	5	1	4	4
09	9	9	17	10	10	12	12	17	22	21	18	20	14	12	9	16	14	19	10	13	12	8	19	15	14
10	14	11	8	11	11	8	7	3	4	7	10	9	7	7	6	5	4	2	2	3	3	1	3	5	6
11	7	6	4	4	6	8	6	4	7	10	32	32	22	26	28	21	31	25	62	55	45	59	34	28	23
12	41	27	35	32	46	26	19	38	18	15	11	7	7	7	7	8	7	7	7	7	5	4	4	16	
13	4	4	6	9	9	10	10	5	6	10	12	72	9	5	2	2	16	40	52	64	46	41	45	20	
14	39	33	46	21	53	38	34	55	28	25	34	20	20	9	17	23	19	29	18	19	26	24	9	22	27
15	29	25	36	20	37	35	17	23	41	42	27	37	19	8	No Result	No Result	No Result	8	8	7	7	5	5	5	21
16	5	5	5	5	5	2	4	6	3	3	6	5	3	3	5	7	9	21	21	44	31	43	37	54	13
17	35	18	16	25	18	31	26	52	21	15	54	56	7	7	9	12	13	24	46	19	7	10	16	15	23
18	15	22	20	17	15	20	19	24	20	7	7	7	2	3	8	8	8	8	8	8	8	8	8	8	11
19	8	8	8	8	8	11	10	7	8	8	No Result	7	18	11	8	8	11	11	12	35	21	21	16	21	12
20	26	24	15	19	17	17	17	17	No Result	22	13	26	20	13	11	10	9	7	47	60	64	49	No Result	No Result	23
21	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	20	52	12	10	30	16	25	27	13	40	45	48	56	16	No Result
22	19	7	7	7	7	6	6	6	6	8	8	8	8	6	4	4	6	6	6	7	7	7	7	7	7
23	7	7	7	7	7	7	5	3	2	6	6	6	6	6	7	17	17	11	21	36	29	15	20	28	11
24	30	50	40	57	29	58	41	36	27	23	12	30	13	28	22	25	21	23	62	26	15	13	9	64	31
25	63	105	No Result	25	7	7	7	7	7	7	7	7	7	7	7	10	7	4	4	4	5	10	14	19	15
26	19	18	25	21	22	15	No Result	No Result	No Result	23	20	23	29	22	27	22	34	45	43	40	38	35	33	30	27
27	33	25	36	27	62	47	52	71	54	75	67	65	62	44	86	58	47	44	37	72	30	32	33	34	49
28	46	31	41	No Result	65	37	52	21	12	20	23	26	37	52	56	39	4	4	4	4	4	6	No Result	5	26
29	5	5	5	6	9	9	9	9	9	9	5	7	9	9	5	7	11	18	29	35	32	29	34	39	14
30	22	71	33	39	29	39	29	23	10	18	27	13	13	13	6	3	3	5	8	8	8	8	10	7	18
31	7	7	10	12	10	23	11	9	7	8	8	5	5	5	7	7	7	7	5	5	8	6	6	9	8

Station Berthier PM2.5 (ug/m3)

Mois Janvier 2009 % données valides 93%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	7	4	8	10	8	7	7	5	5	6	6	6	7	7	8	7	6	7	8	8	8	8	4	6	6
02	10	7	7	10	10	9	9	7	18	6	7	10	8	8	11	10	7	11	12	12	14	18	14	16	10
03	16	25	20	20	9	5	2	2	2	2	4	8	7	5	5	5	5	7	7	5	5	4	4	4	7
04	4	5	5	4	5	6	8	9	9	6	6	9	9	6	4	7	6	8	17	31	57	49	43	58	15
05	60	23	16	24	22	15	15	14	13	19	23	26	16	12	6	5	5	5	3	3	4	4	7	8	14
06	8	8	8	8	8	8	8	8	8	8	8	8	4	3	3	6	6	6	24	22	21	23	36	39	12
07	24	24	26	26	21	21	14	21	25	15	25	27	32	19	19	21	12	13	17	17	64	24	50	24	24
08	17	24	28	15	9	2	2	4	6	6	4	7	11	11	10	7	7	7	7	7	6	6	6	5	8
09	7	7	7	7	6	7	7	6	7	6	6	5	5	4	6	6	6	6	5	9	9	8	8	5	6
10	5	5	5	5	5	5	5	5	5	7	13	10	8	7	7	7	6	12	43	41	36	45	46	51	16
11	54	60	60	49	38	44	28	24	29	30	36	52	78	49	25	22	46	97	92	100	94	91	93	80	57
12	62	60	59	57	48	41	44	39	53	42	45	43	21	14	14	12	11	19	26	29	25	25	29	35	35
13	23	31	31	35	28	39	35	41	39	44	26	29	56	36	52	47	89	95	86	98	99	47	28	22	48
14	26	6	6	6	6	6	6	7	7	3	5	6	5	5	5	6	7	3	5	5	5	5	5	No Result	6
15	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	8	7	7	7	8	3	3	3	3	3	3	No Result	No Result
16	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	13	12	8	8	4	4	4	4	4	4	4	No Result	No Result
17	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	30	17	13	22	7	34	54	54	54	54	54	No Result	No Result
18	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	21	11	20	10	21	15	17	11	24	20	15	15	71	56	82	No Result
19	56	19	24	33	19	13	10	11	26	13	12	9	6	5	5	10	10	8	17	23	23	23			17
20			17	23	23	21	18	18	21	11	6	17	5	5	5	5	6	10	32	39	38	34	30	24	18
21	24	26	27	35	32	17	13	20	22	24	29	27	34	34	25	22	22	12	12	12	10	6	7	65	23
22	11	10	6	6	8	8	8	9	6	6	6	4	3	6	6	6	6	6	6	7	10	10	10		7
23		11	15	17	19	12	17	17	9	24	24	18	22	21	17	15	13	29	18	16	30	19	31	14	18
24	14	13	11	8	8	8	9	9	3	4	6	6	6	6	6	6	7	10	11	11	15	15	14	20	9
25	19	17	21	28	23	18	15	15	9	10	10	9	8	8	9	9	17	13	11	20	15	15	15	15	14
26	15	15	15	15	15	15	15	15	15	15	15	24	32	22	23	25	19	30	19	29	24	21	26	44	20
27	46	41	24	22	21	22	8	10	22	17	23	1	5	5	5	6	17	41	26	34	41	41	41	21	
28	41	41	41	41	41	41	41	41	41	25	42	27	30	26	22	22	22	8	30	21	58	58	21	28	33
29	8	8	8	8	8	8	8	12	12	10	8	6	4	4	4	6	8	10	22	30	29	27	33	35	13
30	46	44	40	33	32	27	17	23	31	25	27	19	26	38	42	25	20	22	31	39	32	30	35	42	31
31	60	47	50	40	34	32	30	33	44	33	20	14	9	6	8	9	9	7	6	6	6	8	9	6	21

Station Berthier PM2.5 (ug/m3)

Mois Mars 2009 % données valides:100%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	27	21	26	18	18	23	26	23	33	37	29	6	6	6	6	6	8	10	17	10	10	10	10	10	16
02	10	10	7	5	2	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	3	3	2	5
03	3	5	5	6	9	9	8	6	6	6	6	6	6	5	3	2	2	3	6	7	6	7	7	5	5
04	5	5	7	6	5	5	8	11	8	6	4	5	5	2	1	1	4	5	6	6	6	5	5	4	5
05	4	3	5	7	6	5	5	17	13	9	5	4	4	4	3	4	4	7	22	15	29	15	23	20	9
06	20	23	12	41	15	22	13	53	81	56	38	52	27	27	41	61	20	34	20	19	15	14	13	14	30
07	14	10	8	8	11	15	17	20	15	14	13	13	16	11	13	15	16	17	14	19	16	21	22	19	14
08	17	20	20	25	25	29	18	18	5	6	8	9	8	7	7	4	3	5	6	7	8	9	10	10	11
09	12	12	9	10	11	10	11	10	11	13	31	58	56	58	23	11	10	9	11	14	12	11	13	18	18
10	18	29	19	17	17	16	10	34	31	37	34	35	26	19	21	19	14	14	18	19	29	29	32	29	23
11	26	27	22	45	31	27	53	37	82	82	28	28	34	35	4	16	6	6	5	5	4	6	9	7	26
12	4	4	4	4	7	6	5	4	4	4	8	7	5	4	3	2	4	6	6	6	8	4	4	7	5
13	5	8	12	11	10	16	12	20	13	24	22	10	9	6	5	6	4	5	7	16	18	6	7	9	10
14	112	6	7	8	6	6	8	8	7	9	11	11	12	10	10	12	10	9	8	9	11	10	8	7	13
15	6	5	4	4	6	7	8	8	6	6	8	8	7	7	6	6	8	7	7	10	9	8	7	10	7
16	15	21	18	13	12	11	12	11	10	13	19	8	11	15	15	11	6	6	7	10	11	28	14	16	13
17	19	20	16	20	19	17	15	19	15	18	20	25	44	36	18	10	10	20	10	13	17	18	22	20	19
18	23	20	20	22	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	15
19	14	14	14	14	14	14	14	14	14	14	14	14	8	10	10	8	6	3	3	4	7	8	7	7	10
20	7	5	6	8	8	9	8	8	7	5	8	13	9	7	9	7	6	6	7	8	8	7	9	17	8
21	24	21	11	10	10	12	12	25	22	25	28	22	12	14	12	6	3	4	5	5	6	5	8	11	13
22	9	6	6	7	7	6	5	4	3	6	5	4	4	7	5	4	6	5	4	5	4	5	6	4	5
23	3	5	5	6	6	4	5	6	5	7	6	3	3	4	5	8	7	4	6	8	6	6	5	6	5
24	9	9	9	10	10	6	5	9	12	9	7	8	8	21	16	17	18	16	8	9	5	7	28	18	11
25	43	17	20	13	11	10	17	20	23	24	36	5	45	25	27	10	7	5	6	8	10	20	61	26	20
26	15	18	14	22	64	53	41	15	34	19	20	17	13	22	8	10	11	8	6	9	13	19	24	17	20
27	27	5	9	11	11	9	7	41	41	12	12	14	12	11	9	9	8	9	10	8	11	11	9	6	13
28	3	5	7	7	5	5	5	6	8	8	9	4	2	6	7	4	5	6	4	5	6	7	7	17	6
29	13	16	11	11	9	9	9	8	8	10	7	1	2	6	6	6	6	23	13	10	19	15	40	70	13
30	61	29	25	40	31	45	51	66	38	58	68	62	64	11	9	5	6	8	9	8	7	9	10	8	30
31	7	9	6	4	4	5	6	6	6	8	8	7	7	6	4	6	6	2	2	2	21	5	6	8	6

Station Berthier PM2.5 (ug/m3)

Mois Avril 2009 % données valides: 100%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	10	6	4	7	7	8	8	7	10	12	21	6	7	7	9	8	9	28	20	30	75	13	14	33	14
02	26	16	16	15	14	10	9	11	9	8	12	12	9	8	7	7	8	10	8	7	10	23	18	24	12
03	18	20	21	9	11	13	13	18	15	23	11	19	9	8	21	11	58	50	90	86	17	19	19	79	27
04	40	19	36	43	9	9	10	13	31	5	5	4	4	6	6	5	9	11	11	7	7	10	10	8	13
05	6	8	8	7	7	7	5	5	5	5	5	6	6	3	3	3	4	6	7	4	4	7	7	8	5
06	7	4	1	4	7	4	5	5	5	7	7	6	7	21	27	16	30	22	35	60	51	40	80	73	21
07	54	62	49	7	20	43	47	23	27	17	9	10	11	11	12	21	26	34	23	26	16	11	17	11	24
08	9	8	8	7	6	4	4	2	3	5	4	3	3	4	4	6	6	4	6	8	7	6	5	5	5
09	8	7	3	6	7	7	9	8	7	6	3	3	4	3	4	3	4	5	5	8	7	5	8	7	5
10	5	5	7	9	8	6	5	2	4	4	4	5	3	3	4	4	5	2	1	5	5	3	4	72	7
11	9	9	6	5	7	6	5	6	8	8	8	8	6	7	7	7	7	8	9	9	8	6	4	4	6
12	6	4	4	3	6	8	5	5	3	4	5	5	8	7	4	6	7	5	4	3	4	6	7	8	5
13	5	6	6	3	2	3	7	7	6	6	7	8	7	7	5	3	4	4	4	3	3	6	7	6	5
14	7	7	4	5	5	5	7	10	7	7	7	8	10	10	8	8	9	7	5	5	7	17	12	29	8
15	29	18	16	13	13	9	9	10	10	11	10	18	9	11	11	6	6	6	9	8	6	3	3	10	10
16	13	11	12	11	8	10	12	12	10	10	11	7	11	14	14	13	12	11	8	8	7	10	8	6	10
17	8	8	25	12	12	12	11	12	12	30	16	9	7	7	9	9	6	5	4	5	7	5	5	5	10
18	6	4	4	5	5	7	6	6	7	6	7	7	7	7	6	8	8	7	7	8	10	10	7	9	6
19	10	6	7	6	2	2	6	9	8	6	6	6	4	4	6	7	7	6	6	9	7	1	5	20	6
20	25	17	8	8	11	11	10	30	27	20	21	18	6	6	6	7	5	5	8	11	16	42	24	46	16
21	27	27	54	75	30	77	78	72	72	43	20	26	26	43	34	56	56	44	38	38	47	9	20	9	42
22	31	22	33	40	36	36	31	31	24	19	19	38	22	20	12	7	7	5	6	8	8	8	10	11	20
23	9	8	10	10	8	6	6	7	6	2	0	5	5	3	3	6	6	3	3	3	4	5	4	6	5
24	4	4	3	4	7	7	5	5	8	8	7	4	10	4	0	5	0	1	9	10	20	29	29	21	8
25	9	9	12	12	13	13	10	10	10	48	30	26	12	11	11	12	16	11	13	15	15	20	20	16	15
26	4	6	5	3	4	1	3	3	8	9	8	7	7	8	9	7	7	6	6	11	11	9	12	14	7
27	13	13	12	9	10	10	10	10	10	29	13	13	8	28	24	24	19	35	20	18	23	18	18	17	16
28	12	10	12	12	11	11	11	11	13	11	8	6	6	5	2	0	4	6	6	6	5	5	7	7	7
29	9	9	9	7	5	7	7	5	5	5	5	9	9	8	13	13	10	11	11	8	8	3	3	3	7
30	8	8	11	11	11	9	10	10	10	19	19	17	11	11	11	11	11	11	10	27	27	15	15	15	13

Station Berthier PM2.5 (ug/m3)

Mois Mai 2009 % données valides:99%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	29	29	44	32	32	18	18	18	37	37	15	15	11	11	11	7	7	7	7	7	No Result	No Result	No Result	1	18
02	4	3	5	8	7	10	8	5	6	6	6	7	6	7	9	8	5	7	11	9	11	41	14	19	9
03	19	4	3	1	3	4	5	8	7	8	9	8	8	8	8	6	7	12	10	17	15	12	9	9	8
04	6	5	5	6	7	8	8	7	8	7	6	6	4	6	8	8	7	7	5	4	6	8	8	6	6
05	8	16	16	14	9	6	11	21	10	11	13	10	10	15	11	5	6	9	9	8	56	14	19	72	15
06	39	18	2	7	8	6	7	10	30	23	17	14	17	16	15	12	10	11	11	13	26	21	55	64	18
07	58	13	17	26	13	20	13	12	12	21	13	20	10	8	7	6	4	6	8	26	11	14	36	16	16
08	13	11	7	7	11	9	5	9	12	11	13	8	5	5	4	7	13	10	8	16	10	11	14	17	9
09	11	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3
13	5	5	5	5	5	5	5	5	50	27	18	14	12	8	6	6	8	9	8	9	8	10	16	11	10
14	23	25	12	20	34	31	24	28	24	14	14	13	16	18	18	18	18	18	18	18	18	18	18	18	19
15	18	18	18	18	18	18	18	18	1	2	4	6	16	14	12	9	9	10	10	No Result	No Result	12	13	9	12
16	7	11	10	18	13	15	18	26	19	14	10	5	27	20	25	14	11	58	52	51	49	24	52	24	23
17	23	71	30	16	12	11	12	9	7	5	4	4	4	6	4	3	4	2	3	5	4	3	5	6	10
18	2	20	4	5	6	5	1	4	6	7	10	9	9	11	9	4	3	6	9	8	7	12	13	9	7
19	7	9	28	15	13	19	15	28	23	10	9	7	7	9	9	7	8	7	6	7	6	3	1	4	10
20	5	6	8	11	12	7	6	9	7	7	18	14	14	9	7	5	6	7	8	7	8	9	12	14	9
21	18	16	43	18	28	16	18	22	13	25	35	17	14	13	13	14	12	10	10	11	14	14	14	14	17
22	14	14	14	14	14	14	14	14	14	2	2	1	4	6	4	4	4	4	2	3	4	6	6	4	8
23	7	8	5	5	1	1	7	13	12	9	8	6	6	6	6	7	7	9	18	8	9	13	14	12	8
24	8	7	9	9	11	12	9	10	10	7	7	7	6	5	2	3	6	7	8	8	7	7	7	7	7
25	6	4	7	5	2	2	2	4	5	4	6	7	4	5	7	4	3	3	4	4	3	1	3	4	4
26	1	2	2	1	3	5	6	4	2	3	4	5	5	3	4	6	7	5	4	7	7	3	10	12	4
27	9	8	9	9	7	8	9	29	9	10	10	12	12	12	35	5	7	7	7	12	14	23	18	10	12
28	10	11	10	9	10	9	9	12	18	17	2	4	5	5	7	24	27	25	12	60	7	11	23	67	16
29	60	54	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	7	10	8	5	4	3	16
30	6	8	6	3	5	6	7	5	5	3	4	2	No Result	2	6	7	5	4	3	1	1	5	7	8	4
31	9	11	10	18	13	55	16	33	2	27	15	14	8	7	8	7	6	5	5	3	2	4	4	4	11

Station Berthier PM2.5 (ug/m3)

Mois Juin 2009 % données valides:100%																										
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne	
01	2	3	4	2	3	4	5	3	3	3	3	5	4	6	8	5	6	8	6	6	5	6	7	6	4	
02	5	3	3	5	7	7	7	5	5	7	6	5	4	3	6	8	7	5	2	3	3	4	7	8	5	
03	7	3	2	6	5	3	3	4	6	7	5	2	4	4	3	6	5	4	5	8	7	5	4	6	4	
04	4	4	5	6	7	6	4	5	2	2	1	1	4	5	8	11	9	6	7	7	6	6	6	9	5	
05	11	7	6	9	9	12	11	7	9	10	8	7	9	8	8	9	8	9	8	7	8	16	11	10	9	
06	24	33	24	19	19	22	26	26	28	19	10	10	16	6	9	10	9	8	4	3	2	4	3	3	14	
07	3	4	5	4	4	4	4	5	5	1	1	2	5	4	3	6	6	4	3	3	4	5	5	5	3	
08	3	3	6	6	4	3	3	2	0	1	2	3	4	4	5	6	6	7	7	7	9	6	6	9	4	
09	9	12	12	9	6	6	1	24	11	16	4	4	3	3	7	7	2	6	33	42	7	41	18	8	12	
10	8	8	8	10	7	35	20	24	22	34	11	8	8	4	6	5	3	6	5	1	17	18	35	30	13	
11	39	17	19	7	17	7	7	7	8	10	9	7	7	8	8	8	4	6	8	9	9	10	14	13	10	
12	13	10	8	8	8	8	9	11	16	10	11	9	5	3	5	7	4	2	1	3	7	5	16	22	8	
13	14	13	12	12	11	11	12	13	10	8	6	7	7	5	6	7	5	6	8	6	8	10	24	17	9	
14	16	22	17	11	16	11	12	12	25	15	21	12	9	7	8	11	14	10	6	8	52	54	5	49	17	
15	30	7	8	9	19	25	21	10	11	11	8	6	7	10	9	8	7	6	7	10	10	No Result	10	10	11	
16	10	10	10	10	10	10	10	10	32	36	28	13	10	6	4	5	7	7	5	5	8	8	10	12	11	
17	11	11	9	21	15	14	14	14	19	12	12	13	28	12	12	12	9	6	8	8	8	16	13	13	12	
					</																					

Station Berthier SO2 (ppb)

Mois	Octobre 2008																								% données valides	99,8%
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JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	9.6	5.6	5.2	13.0	No Result	30.9	19.3	38.6	40.6	20.6	32.7	23.1	28.5	35.4	28.1	24.3	19.3	35.3	31.3	17.8	17.5	17.3	11.6	9.8	22.4
02	16.2	8.4	8.1	8.7	No Result	5.6	4.8	4.2	5.0	7.4	6.4	4.9	4.2	3.6	3.0	2.6	2.4	2.4	2.2	2.4	2.4	2.5	2.0	2.0	4.9
03	2.3	2.3	1.8	1.9	No Result	2.4	2.1	2.0	2.0	2.1	2.1	1.9	1.8	1.8	1.9	1.9	2.0	2.0	1.9	2.1	2.0	2.1	2.0	2.0	2.0
04	2.1	2.0	2.5	2.5	No Result	3.8	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.9	4.3
05	6.0	6.1	6.2	6.4	No Result	6.6	6.8	6.9	7.0	7.2	7.3	7.4	7.5	7.7	7.8	7.9	8.1	8.2	8.3	8.4	8.6	8.7	8.8	9.0	7.5
06	9.1	9.2	9.3	9.5	No Result	9.7	9.9	10.0	10.1	10.2	10.4	10.5	10.6	10.8	10.9	11.0	11.1	11.3	11.4	11.5	11.7	11.8	11.9	12.0	10.6
07	12.2	12.3	12.4	12.6	No Result	12.8	12.9	13.1	13.2	13.3	13.5	13.6	13.7	13.9	14.0	14.1	14.2	14.4	14.5	14.6	14.8	14.9	15.0	15.1	13.7
08	15.3	15.4	15.5	15.7	No Result	15.9	16.0	16.2	16.3	16.4	16.6	16.7	16.8	16.9	17.1	17.2	17.3	17.5	17.6	17.7	17.8	18.0	18.1	18.2	16.8
09	18.4	18.5	18.6	18.7	No Result	19.0	19.1	19.3	19.4	19.5	19.6	19.8	19.9	20.0	20.2	20.3	20.4	20.6	20.7	20.8	20.9	21.1	21.2	21.3	19.9
10	21.5	21.6	21.7	21.8	No Result	22.1	22.2	22.4	22.5	22.6	22.7	22.9	23.0	23.1	23.3	23.4	23.5	23.6	23.8	23.9	24.0	24.2	24.3	24.4	23.0
11	24.5	24.7	24.8	24.9	No Result	25.2	25.3	25.4	25.6	25.7	25.8	26.0	26.1	26.2	26.3	26.5	26.6	26.7	26.9	27.0	27.1	27.3	27.4	27.5	26.1
12	27.6	27.8	27.9	28.0	No Result	28.3	28.4	28.5	28.7	28.8	28.9	29.1	29.2	29.3	29.4	29.6	29.7	29.8	30.0	30.1	30.2	30.3	30.5	30.6	29.2
13	30.7	30.9	31.0	31.1	No Result	31.4	31.5	31.6	31.8	31.9	32.0	32.1	32.3	32.4	32.5	32.7	32.8	32.9	29.7	27.9	27.5	16.0	51.3	31.7	31.6
14	18.5	21.5	17.6	13.8	No Result	17.8	12.7	13.9	24.3	21.7	19.8	17.9	16.2	20.2	4.8	2.7	4.3	3.4	2.9	3.0	2.6	2.5	2.5	2.4	11.6
15	2.9	2.6	2.7	2.5	No Result	3.1	2.7	2.7	2.8	2.8	2.8	3.2	2.6	2.4	2.4	2.4	2.7	3.1	3.4	3.3	3.3	3.5	3.5	3.1	2.9
16	4.4	4.4	4.3	3.8	No Result	5.9	6.7	7.0	8.3	13.6	9.9	6.5	4.5	3.8	3.3	2.8	3.3	2.7	2.9	3.4	3.6	3.7	2.9	2.6	5.0
17	2.6	2.5	2.4	2.6	No Result	3.1	2.6	2.7	2.5	2.6	2.6	3.0	2.7	2.7	3.4	2.6	2.7	2.5	3.1	2.8	2.6	2.7	3.1	3.2	2.7
18	3.9	3.4	3.1	3.5	No Result	3.6	2.9	2.9	3.2	3.3	3.1	2.8	2.9	3.2	2.9	3.6	3.5	3.3	3.3	3.5	3.2	2.9	2.9	2.9	3.2
19	2.9	2.8	2.8	2.8	No Result	3.3	2.9	2.9	3.1	7.0	17.4	17.1	31.0	9.4	2.9	2.8	2.7	2.8	3.0	3.1	3.1	3.4	3.9	3.6	5.9
20	3.4	3.0	3.5	4.5	No Result	7.1	6.7	6.9	6.6	7.3	6.4	12.7	10.6	9.4	17.1	10.5	8.5	7.4	6.6	6.4	5.3	4.3	3.9	3.7	7.0
21	3.4	3.3	3.2	3.1	No Result	3.7	3.1	2.9	3.0	3.0	3.0	2.9	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.7	2.6	2.9	2.9
22	2.6	2.7	2.8	2.7	No Result	3.2	2.7	2.9	2.9	2.8	2.9	2.8	3.0	4.1	3.9	3.5	2.8	2.9	2.8	2.8	2.7	2.8	2.8	2.8	2.9
23	2.9	2.7	2.8	2.8	No Result	3.3	2.8	2.9	3.1	3.0	3.0	2.9	2.9	2.9	2.8	3.0	2.8	2.9	3.1	3.2	3.0	3.2	3.0	3.0	2.9
24	2.8	2.9	2.8	2.7	No Result	3.3	2.8	2.8	2.7	2.7	2.8	2.8	2.7	2.8	3.1	18.4	10.7	8.8	5.8	3.3	3.1	2.7	2.7	2.9	4.3
25	2.9	2.7	2.6	3.0	No Result	3.2	2.7	2.9	2.9	3.3	4.3	12.1	22.9	23.9	38.7	23.0	35.3	61.0	74.1	54.3	58.5	4.2	6.4	20.2	20.2
26	30.0	51.0	32.6	16.4	No Result	7.3	4.9	4.1	4.1	10.8	6.9	3.0	2.9	3.0	3.0	2.9	2.8	2.9	3.2	3.2	3.3	3.8	9.5	14.9	9.8
27	42.4	61.8	30.8	28.8	No Result	5.6	8.7	4.6	3.5	3.1	3.0	2.9	3.0	3.0	3.1	3.1	3.2	3.3	3.7	3.7	3.7	3.8	3.6	3.3	10.2
28	3.2	3.2	3.2	3.1	No Result	3.7	3.1	3.1	3.2	3.3	3.1	3.2	3.0	3.1	3.1	3.0	3.1	2.8	2.8	2.9	2.9	3.0	3.0	4.2	3.1
29	13.0	56.7	23.9	29.3	No Result	17.8	15.7	11.9	17.4	4.9	3.7	3.2	3.2	3.1	3.3	3.7	3.5	3.2	3.1	3.1	3.0	2.9	3.0	2.9	10.2
30	3.1	3.2	3.2	3.0	3.3	No Result	4.2	3.9	4.3	3.5	3.5	3.6	3.3	3.3	3.1	2.9	3.1	3.1	3.0	3.1	3.1	3.0	2.9	3.0	3.3
31	3.0	3.4	6.8	10.0	36.3	No Result	13.9	6.7	6.2	19.2	38.8	6.1	4.0	4.0	4.1	4.4	4.3	4.2	4.2	3.2	3.0	4.2	5.3	3.4	8.6

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	0		Nb.	0
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	0		Nb.	0

Station Berthier SO2 (ppb)

Mois Novembre 2008 % données valides 95.8%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	3.3	3.3	3.1	3.0	2.8	No Result	3.0	2.7	3.0	2.9	2.8	2.8	2.9	2.9	3.1	3.4	3.3	2.9	2.8	2.9	3.0	3.6	3.3	2.9	3.0
02	No Result	2.9	3.1	3.2	No Result	4.0	3.4	3.1	3.1	3.0	2.9	3.1	3.8	3.3	3.6	3.2	3.1	3.1	3.2	3.2	3.5	3.4	18.0	20.3	4.6
03	9.1	5.2	9.5	10.6	No Result	4.6	5.0	4.6	4.3	4.2	4.5	4.3	3.8	3.9	3.7	3.8	3.7	3.7	3.7	3.8	4.0	5.3	4.8	4.5	5.0
04	4.2	3.8	3.7	4.0	No Result	8.1	11.6	12.6	11.9	22.1	16.1	12.6	19.8	36.0	20.7	20.1	10.1	27.2	5.5	4.7	4.1	3.7	3.7	3.9	11.8
05	3.7	4.4	4.2	4.0	No Result	3.7	3.6	3.8	4.0	4.0	4.7	4.9	4.9	4.8	5.2	5.3	4.7	5.0	5.1	5.2	5.2	4.4	4.3	3.7	4.5
06	3.8	3.2	3.2	3.1	No Result	3.1	3.0	3.0	3.3	3.5	4.7	4.8	5.1	5.8	6.1	6.0	4.9	4.5	3.9	3.8	3.5	3.1	3.3	3.5	4.0
07	3.3	3.3	3.0	3.0	No Result	3.4	3.3	7.0	22.9	33.3	17.6	10.8	16.3	44.7	32.3	17.2	35.4	29.7	24.9	33.3	23.1	31.1	38.7	17.3	19.8
08	32.8	21.7	31.6	38.9	No Result	37.0	34.5	33.9	39.1	29.5	20.9	26.8	27.9	29.3	41.8	35.8	24.8	22.0	24.6	19.8	35.7	60.9	37.9	31.8	32.1
09	9.2	16.7	12.7	8.0	No Result	8.2	6.4	6.3	6.1	5.7	6.1	5.0	4.8	5.0	4.4	4.5	3.7	3.7	3.3	3.7	3.7	3.5	3.5	3.5	6.0
10	3.3	3.4	3.5	3.4	No Result	3.5	3.4	3.2	3.2	3.1	3.8	2.9	2.9	2.9	3.0	3.1	4.3	4.0	3.6	3.5	3.1	3.0	3.0	3.0	3.3
11	2.9	3.0	3.0	3.0	No Result	3.3	3.1	3.0	3.1	3.0	3.3	3.7	3.9	3.1	3.2	4.0	3.3	3.2	3.1	3.1	3.2	3.1	3.2	3.1	3.2
12	3.1	3.1	3.1	3.1	No Result	3.3	3.2	3.2	4.0	5.7	4.2	4.1	3.3	3.3	3.4	3.1	3.1	3.2	3.1	3.1	3.0	3.2	3.0	3.1	3.4
13	3.0	3.0	3.0	3.0	No Result	3.3	3.2	3.6	5.0	7.0	23.7	23.0	15.4	17.0	15.0	40.0	29.0	34.2	12.5	5.8	7.3	13.1	11.2	23.6	13.3
14	20.3	31.6	57.2	49.1	No Result	42.7	50.8	64.6	59.0	22.4	10.6	18.4	17.3	27.7	11.2	54.9	69.0	36.9	27.3	11.2	33.4	19.7	16.8	12.5	33.2
15	13.3	20.9	10.9	14.6	No Result	11.0	6.8	6.0	7.4	5.9	5.6	5.8	5.2	8.8	9.5	9.2	15.3	12.5	6.6	5.5	4.5	4.1	5.7	17.1	9.2
16	8.6	9.1	12.3	12.5	No Result	6.8	5.3	4.7	4.7	4.7	4.0	5.3	6.1	6.1	4.6	3.8	3.3	3.2	3.0	3.1	3.0	3.0	3.0	3.0	5.4
17	3.0	3.0	3.0	3.3	No Result	3.3	3.2	3.0	3.1	3.1	3.1	3.2	3.2	3.2	4.1	3.4	3.2	3.2	3.1	3.1	3.1	2.9	3.0	3.0	3.2
18	3.1	3.1	3.1	3.1	No Result	3.1	3.1	3.1	3.1	2.9	3.0	3.1	3.1	3.2	3.1	3.1	3.2	3.1	3.2	3.1	3.3	3.2	3.1	3.3	3.1
19	3.1	3.2	3.2	3.2	No Result	3.4	3.2	3.2	3.3	3.3	3.3	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.1	3.0	3.1	3.1	3.1	3.1	3.2
20	3.1	3.1	3.1	3.2	No Result	3.4	3.2	3.2	3.3	3.3	3.2	3.3	3.2	3.2	3.4	4.2	3.8	3.6	3.2	3.4	3.3	3.2	3.2	3.4	3.3
21	3.6	3.7	4.4	4.4	No Result	5.0	5.6	4.7	4.8	5.1	5.0	5.3	4.8	4.8	4.6	4.3	4.8	3.7	3.3	3.4	3.4	3.3	3.5	3.3	4.3
22	3.3	3.3	3.4	3.3	No Result	3.4	3.4	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.3	3.4	3.2	3.4	3.6	3.4	3.3	4.3	4.4	3.5
23	3.9	3.7	3.5	3.5	No Result	3.5	3.4	3.4	3.5	3.7	3.5	3.7	4.5	5.7	4.6	3.5	3.8	4.2	4.2	4.6	4.1	3.8	3.7	3.4	3.9
24	3.4	3.5	3.5	3.5	No Result	3.7	3.4	3.5	3.5	3.4	3.4	3.4	10.2	10.6	6.9	5.7	6.2	9.2	12.3	7.1	6.1	27.9	26.4	17.8	8.0
25	16.8	26.5	31.7	48.6	No Result	57.0	33.5	39.2	27.3	17.8	20.5	8.0	12.1	24.0	35.6	29.5	33.8	42.7	29.5	26.7	39.0	44.8	42.5	44.6	31.8
26	44.0	47.4	46.5	46.7	No Result	40.6	37.2	41.1	39.3	36.1	34.4	35.6	18.0	40.1	49.8	49.4	40.6	18.2	27.3	5.7	36.2	21.0	38.8	47.9	36.6
27	21.6	15.8	33.9	35.0	No Result	24.0	19.5	12.8	26.8	28.0	42.1	36.6	34.2	45.9	16.5	11.0	5.8	4.8	4.1	4.0	3.8	3.8	3.7	3.7	19.0
28	3.8	3.8	3.8	3.6	No Result	5.8	8.1	4.5	4.2	16.4	19.2	4.6	4.4	5.7	15.3	26.7	15.9	13.0	9.1	12.5	7.2	8.6	6.2	4.7	9.0
29	5.7	6.3	5.7	4.9	No Result	4.5	4.1	4.2	4.3	4.2	8.1	6.6	7.1	9.5	7.6	4.2	4.0	3.7	3.8	3.6	3.7	3.9	3.6	3.5	5.1
30	3.5	3.5	3.4	3.4	No Result	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	2.9	2.9	3.2

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	0		Nb.	0
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	0		Nb.	0

Station Berthier SO2 (ppb)

Mois : Décembre 2008 % données valides: 95.8%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	2.9	2.9	2.8	2.8	No Result	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.6
02	2.3	2.3	2.3	2.2	No Result	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	2.0
03	1.7	1.7	1.7	1.6	No Result	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.4
04	1.1	1.1	1.1	1.1	No Result	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.8
05	0.5	0.5	0.5	0.5	No Result	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.2	0.3	0.5	0.3
06	0.5	0.2	0.2	0.2	No Result	4.6	1.7	10.3	4.3	8.9	1.5	0.4	0.6	0.6	0.6	3.2	2.0	2.0	12.5	36.7	53.7	106.7	11.5	2.2	11.5
07	14.8	74.3	52.6	5.3	No Result	4.2	7.7	8.5	27.0	27.5	15.6	9.8	3.0	3.1	2.8	2.6	1.9	3.3	3.4	1.5	1.6	1.8	0.8	0.8	11.9
08	0.6	0.4	0.9	1.5	No Result	1.9	1.1	1.7	2.0	1.5	2.2	1.8	2.8	1.1	0.3	0.9	1.2	0.3	0.6	0.0	0.1	0.1	0.3	0.5	1.0
09	0.3	0.2	1.5	2.4	No Result	1.2	5.4	4.8	7.8	15.1	22.5	14.8	3.4	11.0	1.7	13.4	19.7	17.4	8.8	8.7	6.4	3.7	13.0	11.3	8.4
10	4.0	1.4	1.0	0.8	No Result	1.1	0.8	0.7	0.6	0.7	2.6	2.6	4.1	2.8	2.0	3.3	2.2	0.2	0.6	1.7	1.9	1.6	2.0	2.2	1.8
11	3.0	2.5	3.6	3.8	No Result	3.1	2.5	1.8	1.6	3.6	16.3	29.3	27.5	37.0	58.5	28.3	48.0	38.0	127.9	93.6	59.5	91.7	44.5	26.7	32.7
12	41.9	37.9	78.8	54.2	No Result	49.3	41.1	65.1	53.3	29.7	4.9	1.5	1.1	2.6	3.1	4.5	1.7	2.2	2.6	2.6	1.1	1.2	0.9	1.3	21.0
13	1.2	2.9	1.8	1.0	No Result	2.0	2.1	0.2	5.5	11.0	5.4	1.2	0.2	0.2	0.2	0.3	0.4	0.3	0.6	0.5	0.5	0.4	0.2	0.1	1.7
14	2.0	30.9	43.7	46.1	No Result	64.7	59.5	78.1	57.6	40.1	78.2	59.8	17.6	2.7	10.8	23.9	10.1	7.8	3.2	4.0	14.3	9.4	14.5	15.5	30.2
15	41.0	27.1	26.9	28.1	No Result	70.7	36.5	49.7	86.2	65.1	47.3	58.3	18.7	6.3	4.2	3.1	2.7	2.2	1.7	1.4	1.0	0.4	1.1	0.7	25.2
16	0.2	0.5	0.0	0.1	No Result	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.6	0.2	0.1	0.2	0.0	0.1	0.0	0.1	0.1
17	0.0	0.0	0.0	0.0	No Result	13.6	70.6	93.0	21.5	30.4	77.4	92.6	11.7	1.8	4.5	7.4	9.6	31.2	75.3	42.9	24.2	9.5	2.2	1.2	27.0
18	0.9	0.7	0.4	0.7	No Result	0.8	0.8	0.9	1.0	0.9	0.2	0.1	0.3	0.9	1.1	0.3	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.5
19	0.2	0.3	0.3	0.6	No Result	0.7	3.3	1.5	1.3	0.6	0.8	1.8	5.5	5.0	3.5	3.9	2.2	0.5	0.3	0.2	0.1	0.1	0.3	0.5	1.5
20	0.4	0.2	0.2	0.2	No Result	0.4	0.1	0.1	0.1	0.1	0.2	2.6	7.1	3.6	1.7	2.2	0.8	0.7	0.3	0.3	0.3	0.2	0.1	0.1	0.9
21	0.4	0.1	0.1	0.0	No Result	0.4	0.1	0.1	0.2	1.0	2.2	18.8	7.4	3.4	23.1	11.8	18.5	22.7	16.4	45.8	80.0	72.9	99.2	31.3	19.8
22	32.7	14.4	1.9	1.1	No Result	1.3	0.9	0.8	0.6	0.5	0.8	2.6	4.6	2.0	1.8	1.8	0.4	0.4	0.4	0.6	0.5	0.4	0.2	0.1	3.1
23	0.1	0.1	0.1	0.3	No Result	0.7	0.4	0.9	0.5	0.7	0.5	1.9	1.4	1.0	0.7	2.0	10.2	18.8	9.3	34.6	27.3	11.7	6.2	16.0	6.3
24	21.7	44.9	71.0	103.7	No Result	122.2	103.2	60.3	33.6	13.8	3.9	13.5	11.1	19.6	10.7	9.2	21.6	17.6	114.4	20.2	6.9	10.2	4.8	66.0	39.3
25	80.7	43.1	23.5	14.3	No Result	5.3	4.4	2.9	1.8	0.7	0.4	0.4	0.3	0.2	0.3	0.3	0.3	2.3	2.1	0.3	0.1	0.8	2.6	1.5	8.2
26	0.3	0.2	0.1	0.0	No Result	0.3	0.0	0.1	0.0	0.1	1.9	4.5	13.6	10.4	6.7	5.4	2.9	3.0	2.9	3.2	5.4	4.4	3.7	3.1	3.1
27	6.5	8.9	89.4	55.6	No Result	97.7	109.4	119.2	107.8	116.7	100.6	91.7	127.2	76.6	117.1	101.9	92.1	88.9	71.8	107.5	59.0	62.4	84.2	58.4	84.8
28	109.8	85.9	123.6	112.1	No Result	50.5	56.8	24.4	11.7	17.1	10.3	19.1	28.4	66.7	60.1	31.8	5.7	3.4	1.8	1.0	1.1	1.0	1.0	1.1	35.9
29	0.4	0.2	0.1	0.2	No Result	0.0	0.3	1.5	0.2	1.6	0.7	1.1	0.7	0.2	0.8	2.3	1.7	0.7	0.9	0.7	0.6	0.3	0.2	0.6	0.7
30	1.6	62.5	31.5	47.3	No Result	59.2	40.0	34.1	2.0	18.5	36.6	14.9	9.8	6.9	1.2	1.3	1.1	0.7	0.7	0.5	0.5	0.3	0.4	0.3	16.2
31	0.4	0.6	0.7	0.7	No Result	0.3	2.0	1.7	2.4	1.4	0.2	0.8	5.9	4.9	1.2	0.7	0.4	0.5	0.0	0.3	1.6	2.5	2.7	2.5	1.5

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	0		Nb.	0
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	0		Nb.	0

Station Berthier SO2 (ppb)

Mois Janvier 2009 % données valides: 95.3%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	2.1	2.2	2.7	2.7	2.7	No Result	2.2	1.9	2.1	2.5	2.7	2.1	2.1	2.3	2.3	1.7	1.2	1.1	1.1	2.8	3.1	2.7	1.7	2.1	2.2
02	1.5	0.8	0.4	2.1	1.2	No Result	0.3	0.4	0.5	0.4	0.4	0.2	0.4	4.3	4.0	1.5	0.4	0.4	0.3	0.6	1.1	0.9	0.6	0.5	1.0
03	0.5	0.4	0.3	1.2	4.5	No Result	1.2	0.7	1.1	1.6	1.6	1.6	1.2	0.8	0.5	0.3	0.3	0.4	0.5	0.5	0.9	1.2	0.7	0.6	1.0
04	0.5	0.4	0.4	0.5	0.6	No Result	0.7	0.7	0.5	1.2	1.0	0.9	0.7	0.5	0.4	0.6	0.6	0.8	0.7	0.7	0.6	0.6	0.6	0.7	0.6
05	0.8	0.5	0.4	0.5	0.5	No Result	0.6	0.7	1.2	2.9	10.2	11.8	5.1	1.2	0.9	0.8	0.6	0.6	0.6	0.5	0.4	0.5	0.4	0.5	1.8
06	0.5	0.9	0.4	0.6	0.5	No Result	0.9	0.4	0.3	1.3	3.9	1.8	1.3	2.4	2.7	1.7	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.3	1.0
07	0.2	0.2	0.2	0.2	0.1	No Result	0.2	0.2	0.5	0.8	3.1	15.7	21.2	14.4	12.4	10.4	8.4	6.4	4.4	2.5	0.5	0.0	0.0	0.0	4.4
08	0.0	0.0	0.0	0.0	0.0	No Result	0.0	0.0	0.0	0.1	3.1	1.0	1.4	1.3	102.9	85.0	2.8	3.0	1.9	0.8	0.8	0.4	0.7	0.7	8.9
09	0.7	0.4	1.0	0.6	0.2	No Result	0.2	0.2	0.1	0.5	1.1	1.8	2.2	1.7	1.7	1.9	0.6	0.6	1.1	1.2	1.4	1.3	0.7	0.4	0.9
10	0.5	0.7	0.9	0.5	0.3	No Result	1.9	1.1	0.7	1.0	1.1	0.6	0.3	0.4	0.2	0.3	0.4	0.4	0.7	0.7	0.5	0.4	0.4	0.4	0.6
11	0.3	0.3	0.3	0.4	0.2	No Result	0.4	0.8	2.0	2.8	5.2	19.3	83.6	94.0	37.5	25.7	28.4	49.1	34.9	27.6	27.2	16.7	9.7	5.7	20.5
12	4.8	5.5	6.5	6.9	6.3	No Result	5.2	4.7	4.5	4.4	6.3	12.1	4.2	6.9	5.7	5.4	6.5	8.2	6.0	11.8	15.0	12.3	5.2	2.7	6.8
13	3.1	2.1	1.6	1.5	3.6	No Result	21.8	87.8	55.3	67.8	34.5	38.2	99.4	84.9	71.9	100.8	165.8	164.9	138.2	142.6	142.2	71.7	32.3	18.9	67.4
14	23.4	2.4	0.5	0.6	0.5	No Result	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.5	1.8	4.0	1.1	2.0	0.4	0.3	0.2	0.3	0.3	1.8
15	0.4	0.2	0.2	0.2	0.2	No Result	0.2	0.1	0.7	2.5	2.7	6.6	2.6	0.4	0.4	0.6	2.0	1.7	1.2	0.5	0.5	0.2	0.2	0.2	1.1
16	0.3	0.1	0.1	0.2	0.1	No Result	0.1	0.0	0.3	0.4	0.7	0.7	0.5	0.5	1.8	2.1	1.0	0.8	0.5	0.6	0.3	0.2	0.2	0.2	0.5
17	0.3	0.2	0.2	0.2	0.1	No Result	0.1	0.1	0.3	1.7	2.1	6.1	8.8	3.3	2.3	2.2	9.6	5.6	2.4	1.2	1.0	0.9	0.8	0.5	2.2
18	0.4	0.4	0.5	0.6	0.5	No Result	0.8	1.5	6.1	13.2	11.4	26.0	8.3	17.9	9.7	17.0	15.4	9.1	23.3	16.6	23.9	98.6	88.3	135.8	22.8
19	95.4	41.9	71.1	73.6	44.1	No Result	4.2	3.9	2.5	1.9	1.3	1.0	0.9	0.8	1.3	3.7	1.4	1.1	1.0	0.7	0.7	No Result	No Result	No Result	17.6
20	No Result	No Result	11.4	3.2	1.1	No Result	1.1	2.1	2.0	1.3	1.1	0.5	0.4	0.4	0.4	0.4	1.0	0.9	0.6	0.8	0.6	0.5	0.3	0.4	1.4
21	0.3	0.5	0.3	0.2	0.2	No Result	0.2	0.2	0.3	0.5	3.7	17.9	34.5	34.6	26.9	19.1	14.1	7.8	3.7	2.4	1.8	1.4	1.2	1.1	7.5
22	1.0	1.0	1.0	1.0	1.1	No Result	1.1	1.0	0.9	0.9	1.3	1.7	0.3	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	1.0	1.8	0.7
23	1.2	1.7	1.0	0.4	0.2	No Result	0.1	0.3	0.2	0.3	1.4	5.1	20.4	29.8	12.8	3.9	1.5	20.9	12.5	13.4	34.8	15.3	36.2	21.6	10.2
24	1.7	1.1	2.0	1.1	0.5	No Result	0.8	0.6	0.3	0.3	0.2	0.2	0.1	0.1	0.4	2.3	5.6	2.3	0.6	0.7	0.4	0.3	0.2	0.3	1.0
25	0.5	0.5	0.4	0.2	0.3	No Result	0.4	0.5	1.8	7.5	4.2	2.6	4.6	4.2	1.3	0.7	0.7	3.2	3.7	1.1	0.5	0.4	0.2	0.2	1.7
26	0.2	0.2	0.2	0.2	0.1	No Result	0.2	0.3	0.4	0.8	2.6	6.0	11.8	17.8	16.7	25.9	4.9	4.9	3.9	3.1	4.5	6.7	4.5	2.9	5.2
27	2.3	2.7	4.1	4.5	2.4	No Result	1.7	1.4	1.8	8.8	9.2	5.3	6.1	3.4	2.7	2.0	2.5	1.6	1.3	1.1	0.7	0.5	0.4	0.4	2.9
28	0.4	0.3	0.3	0.4	0.4	No Result	0.6	0.8	0.8	0.3	1.2	1.5	6.7	3.7	4.1	5.0	6.5	2.3	30.2	23.2	71.6	104.8	33.7	43.5	14.9
29	9.4	1.8	3.2	4.6	2.1	No Result	3.2	1.7	3.3	1.5	1.0	1.2	0.8	0.7	0.6	0.7	0.7	0.9	1.1	5.1	4.6	3.0	3.1	2.7	2.5
30	1.9	1.3	1.0	0.8	0.6	No Result	0.6	0.7	0.9	0.6	1.1	15.3	26.2	46.3	45.9	18.4	7.7	5.3	4.6	4.2	3.6	3.2	2.6	2.2	8.5
31	1.7	1.5	1.2	1.1	1.0	No Result	1.2	0.8	1.1	1.3	1.0	0.6	0.4	0.4	0.4	0.8	0.5	0.4	0.3	0.4	0.3	0.2	0.3	0.5	0.8

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	0		Nb.	0
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	3		Nb.	0

Station Berthier SO2 (ppb)

Mois : Février 2009 % données valides: 92,0%																										
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne	
01	0.4	0.2	0.1	0.1	0.1	No Result	0.3	0.1	0.2	0.4	3.1	10.2	19.8	6.0	21.4	29.1	88.9	104.8	36.8	30.6	40.4	39.3	39.1	24.7	21.6	
02	33.3	27.0	8.0	3.8	4.0	No Result	2.3	4.6	1.6	1.3	1.1	1.8	3.1	2.3	4.0	2.0	0.6	0.7	1.0	1.6	0.8	1.3	1.2	1.0	4.7	
03	2.5	4.6	3.1	1.1	0.6	No Result	0.6	0.4	0.4	2.1	2.8	1.8	3.0	2.1	0.8	0.8	1.6	1.0	0.7	0.4	0.3	0.7	1.9	2.2	1.6	
04	2.0	2.7	3.3	3.8	2.9	No Result	3.8	2.8	1.1	1.2	1.3	2.9	3.2	2.7	1.1	0.7	0.4	0.6	0.9	0.4	0.2	0.5	0.3	0.2	1.7	
05	1.1	2.2	1.8	1.0	0.7	No Result	1.4	2.3	1.3	0.4	0.2	0.2	1.8	3.3	2.9	2.8	2.4	0.7	0.3	0.3	0.3	0.3	0.2	0.2	1.2	
06	0.2	0.1	0.2	0.1	0.1	No Result	0.3	0.2	0.3	1.2	5.7	10.8	4.0	1.7	1.1	1.0	1.1	1.3	1.6	1.9	1.6	1.4	1.5	1.1	1.7	
07	1.8	2.7	3.5	2.9	2.2	No Result	2.3	2.1	2.7	4.1	5.8	14.4	13.4	8.6	19.2	32.1	16.6	21.3	15.3	13.7	2.6	2.9	2.9	2.0	8.5	
08	2.0	2.0	2.6	4.3	4.4	No Result	2.6	3.0	2.2	1.8	1.3	0.8	0.3	0.4	0.3	1.3	0.5	0.1	0.0	0.1	0.4	1.9	1.2	0.4	1.5	
09	0.3	0.2	0.1	0.2	0.3	No Result	0.3	0.2	0.7	1.2	3.8	0.8	0.1	0.3	1.3	0.7	0.1	0.2	0.3	0.3	0.2	0.1	0.2	0.1	0.5	
10	0.1	0.1	0.1	0.0	0.0	No Result	0.3	0.1	0.1	1.5	1.7	5.6	7.5	9.9	7.9	4.8	10.0	15.8	17.9	75.7	28.1	58.2	31.1	110.8	16.8	
11	60.6	62.0	65.9	87.0	58.5	No Result	49.2	107.6	64.9	22.4	32.6	17.5	10.3	16.4	6.1	255.8	36.1	2.7	2.0	2.0	2.1	2.8	2.9	2.4	42.2	
12	2.1	2.1	3.1	2.6	2.7	No Result	5.2	3.9	2.3	1.1	1.9	25.6	21.7	7.3	1.3	1.1	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	3.7	
13	0.0	0.0	0.0	0.0	1.1	No Result	1.1	0.9	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.5	0.2	0.3	0.3	0.1	0.2	0.1	0.0	0.0	0.2	
14	0.0	0.1	0.4	0.4	0.5	No Result	0.8	0.9	0.8	0.8	0.5	0.3	0.3	0.2	0.1	0.2	0.3	0.6	1.1	1.7	1.6	1.2	1.0	0.9	0.6	
15	0.8	0.8	0.4	0.5	0.5	No Result	0.9	0.6	1.2	2.0	1.9	1.7	1.7	1.6	0.7	1.2	0.5	0.5	0.6	0.4	0.2	0.3	0.3	0.2	0.8	
16	0.3	0.2	0.2	0.3	0.3	No Result	0.5	0.2	0.2	0.2	0.2	0.2	0.0	0.1	0.1	0.4	0.7	0.4	0.2	0.3	0.3	0.3	0.3	0.2	0.3	
17	0.1	0.0	0.0	0.1	0.0	No Result	0.3	0.4	0.4	0.3	1.6	9.8	0.2	0.1	0.1	0.3	1.0	6.3	2.9	1.7	1.1	0.9	1.0	0.8	1.3	
18	0.5	0.3	0.2	0.1	0.2	No Result	0.3	0.2	No Result	No Result	No Result	40.6	28.6	6.0	5.3	4.0	7.2	25.4	57.4	56.5	38.7	30.8	26.6	33.9	18.1	
19	74.2	89.4	80.4	26.4	12.7	No Result	10.6	51.8	64.1	97.6	90.8	73.6	53.7	53.1	75.3	84.9	74.4	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	
20	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3	1.2	No Result
21	3.1	3.0	1.9	0.3	0.1	No Result	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.4	0.4	0.4	0.1	0.0	0.1	0.5	
22	0.1	0.0	0.3	0.1	0.2	No Result	0.3	0.1	3.3	12.8	2.5	23.7	9.6	27.2	6.6	4.8	5.9	8.1	44.6	6.8	18.2	46.5	69.8	69.0	15.7	
23	15.4	1.4	1.0	0.7	0.5	No Result	0.8	0.4	0.7	0.6	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.2	0.2	0.2	0.5	1.2	
24	1.5	1.8	1.2	1.6	1.3	No Result	2.0	1.5	1.1	0.9	0.9	0.7	0.3	0.1	0.1	0.0	0.0	0.1	0.1	0.4	0.1	0.1	0.1	0.0	0.7	
25	0.1	0.1	0.1	0.1	0.0	No Result	0.3	0.1	0.2	3.7	41.4	93.3	57.1	8.1	18.3	21.9	12.3	6.4	5.1	10.0	8.7	37.7	24.0	11.1	15.6	
26	5.7	5.2	5.6	2.4	3.2	No Result	11.4	7.9	1.5	3.6	5.8	7.3	3.8	4.3	5.2	6.8	5.0	3.6	3.4	3.5	2.9	2.2	2.1	2.4	4.6	
27	1.8	5.0	8.5	17.4	13.7	No Result	17.3	27.8	24.4	59.8	59.7	42.6	38.1	2.1	1.8	1.7	1.7	1.3	0.9	0.7	0.8	1.0	1.1	1.1	14.4	
28	0.8	0.7	1.3	1.4	1.5	No Result	1.7	1.2	0.9	0.9	0.8	0.6	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	0		Nb.	0
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	5		Nb.	0

Station Berthier SO2 (ppb)

Mois : Mars 2009 % données valides: 87,8%

JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
02	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
03	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
04	2.3	2.9	4.3	5.0	5.1	No Result	3.5	2.4	1.4	0.3	0.4	0.3	0.2	0.3	0.2	0.7	1.7	2.4	2.8	5.5	3.1	1.8	1.9	1.3	2.2
05	2.5	2.9	2.7	2.1	1.5	No Result	1.5	0.4	0.3	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.4	0.7	0.5	1.7	3.6	4.1	6.5	4.9	1.6
06	5.2	9.3	23.4	34.8	12.8	No Result	3.6	31.2	59.8	42.9	27.2	37.2	18.5	13.2	24.1	39.7	12.1	12.9	7.8	16.1	11.3	4.4	2.3	2.9	19.7
07	2.3	2.3	1.2	1.7	3.1	No Result	2.0	1.4	1.2	1.4	1.4	1.5	1.2	0.8	0.6	0.6	0.6	0.5	0.6	0.6	0.7	1.0	1.9	1.6	1.3
08	0.8	No Result	No Result	1.6	1.0	1.0	No Result	0.6	0.7	1.0	0.7	0.6	0.8	1.1	1.0	0.8	0.9	0.3	0.6	0.9	0.6	1.2	0.5	0.3	0.8
09	0.0	0.1	0.0	0.1	0.1	0.3	No Result	0.2	0.0	0.1	13.2	36.9	80.7	47.1	11.2	2.3	1.0	0.8	0.8	2.3	5.1	3.1	2.5	1.6	9.1
10	0.9	0.7	0.4	0.4	0.3	0.3	No Result	1.3	1.2	2.2	3.4	10.4	14.3	10.7	11.3	18.1	5.2	1.2	1.4	1.7	1.4	1.3	1.2	1.3	3.9
11	1.2	4.5	9.8	38.5	26.9	18.9	No Result	38.4	64.1	27.3	21.0	18.9	26.8	26.8	1.2	7.3	1.0	0.7	0.4	0.4	0.3	0.3	0.7	0.4	14.6
12	0.0	0.0	0.0	0.1	0.0	No Result	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.5	0.5	0.4	0.0	0.1	0.1
13	0.0	0.0	0.0	0.0	0.0	No Result	0.1	0.0	0.0	0.1	4.1	1.0	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.2	0.2	0.5	0.4
14	0.4	0.4	0.4	0.4	0.3	No Result	0.5	0.3	0.5	0.8	1.0	1.1	1.0	0.9	0.9	1.0	1.0	0.9	1.1	1.4	0.8	0.6	0.5	0.5	0.7
15	0.4	0.5	0.4	0.4	0.5	No Result	0.7	0.5	0.5	0.6	0.7	2.3	1.1	0.8	0.6	1.1	1.2	1.0	0.7	0.3	0.6	0.5	0.3	0.3	0.7
16	0.2	0.0	0.0	0.1	0.1	No Result	0.2	0.1	0.1	0.1	0.2	0.6	1.0	2.0	3.0	3.0	3.2	2.4	4.1	3.1	2.0	1.1	0.4	0.5	1.2
17	0.6	0.3	0.3	0.3	0.1	No Result	0.5	0.3	0.5	0.7	2.5	9.5	21.7	18.9	7.8	3.0	3.2	5.8	2.5	1.0	1.9	1.6	2.6	1.4	3.8
18	1.3	1.0	1.8	4.5	6.5	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
19	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
20	1.7	1.7	1.1	1.0	0.5	No Result	2.6	1.2	0.7	1.7	3.9	1.5	1.0	0.2	0.1	0.7	2.2	0.1	0.1	0.1	0.2	0.4	0.2	0.2	1.0
21	0.1	0.2	0.1	0.1	0.0	No Result	0.3	0.1	0.1	5.8	11.2	5.9	7.1	30.9	9.8	0.1	0.1	0.1	0.2	0.4	0.6	0.6	0.8	0.7	3.3
22	0.7	0.4	0.9	0.5	0.4	No Result	0.4	0.1	0.1	0.1	0.0	0.1	0.0	0.4	0.6	0.3	0.1	0.3	0.2	0.1	0.0	0.0	0.1	0.0	0.2
23	0.0	0.0	0.4	1.2	1.5	No Result	1.6	1.3	0.7	0.1	0.1	0.2	0.2	0.5	0.9	0.6	0.6	0.2	0.8	0.6	0.3	0.1	0.2	0.2	0.5
24	0.2	0.1	0.2	0.1	0.1	No Result	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	5.2	18.2	9.4	3.2	1.7	1.8	1.7	7.2	10.5	2.7
25	6.5	3.6	3.9	2.4	0.5	No Result	1.6	1.4	1.6	4.8	23.1	9.3	26.6	18.9	12.1	7.0	1.4	0.6	0.3	3.1	5.2	18.1	49.3	23.5	9.8
26	7.4	14.1	12.9	18.8	48.4	No Result	34.1	13.9	25.6	14.3	19.9	31.9	9.7	13.2	0.4	1.2	18.9	4.8	0.4	2.2	1.5	1.9	10.1	6.4	13.6
27	15.2	14.0	3.7	0.7	0.7	No Result	0.9	6.2	12.3	6.4	3.4	3.4	4.1	3.5	2.1	1.4	1.1	1.0	0.8	0.5	0.4	0.3	0.4	0.3	3.6
28	0.4	0.4	0.2	0.1	0.2	No Result	0.3	0.4	0.7	0.7	0.8	1.3	2.5	2.3	2.0	1.8	2.0	0.9	0.1	0.6	0.6	0.4	0.2	0.0	0.8
29	0.1	0.1	0.0	0.1	0.1	No Result	0.2	0.0	0.2	0.1	0.0	0.5	0.1	0.0	0.2	1.1	4.0	16.8	13.1	6.4	7.0	9.3	28.2	43.1	5.7
30	36.1	15.6	10.9	17.4	18.5	No Result	33.5	33.7	27.8	30.5	38.5	40.7	38.8	11.6	5.7	5.6	7.4	17.0	14.9	5.2	10.1	24.3	17.3	2.9	20.2
31	4.9	3.0	1.0	0.8	0.7	No Result	0.8	2.5	1.9	0.8	0.4	0.5	0.6	0.5	0.9	0.7	0.9	0.8	0.6	0.5	0.4	0.5	0.5	0.5	1.1

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	0		Nb.	0
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	2		Nb.	0

Station Berthier SO2 (ppb)

Mois																										
Avril 2009																										
% données valides: 95.8%																										
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne	
01	0.6	0.4	0.4	0.5	0.5	No Result	0.9	0.6	2.7	5.2	8.1	0.3	0.1	0.1	4.4	1.1	6.6	18.9	5.5	13.0	48.7	15.3	7.7	17.8	6.9	
02	10.7	5.9	4.2	2.1	1.6	No Result	1.6	1.4	1.8	0.9	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.8	6.4	1.8	
03	6.2	7.6	4.4	1.6	1.2	No Result	1.1	1.0	1.6	4.9	0.6	1.3	0.4	0.4	5.8	3.9	28.9	31.7	60.3	46.6	9.9	6.9	12.5	36.2	12.0	
04	20.7	7.6	16.9	23.8	9.4	No Result	12.3	15.4	20.9	43.2	8.7	38.8	7.3	6.2	20.0	15.4	5.8	7.3	6.7	6.2	3.7	2.6	1.6	0.7	17.6	
05	0.5	0.4	0.5	0.4	0.5	No Result	0.4	0.3	0.5	0.9	0.9	0.8	0.5	0.3	0.1	0.1	0.4	0.5	0.7	0.3	0.2	0.1	0.0	0.1	7.6	
06	0.0	0.0	0.0	0.0	0.0	No Result	0.1	0.0	0.1	0.3	0.8	0.4	2.1	10.9	13.5	5.1	14.8	16.5	21.4	29.1	23.3	18.7	34.0	33.0	9.7	
07	29.4	33.1	27.9	7.7	8.5	No Result	25.3	17.1	16.2	13.8	9.1	12.6	14.7	10.9	13.6	11.9	15.0	20.6	10.3	12.2	6.3	3.2	4.5	14.2	14.7	
08	7.6	3.0	1.6	1.0	0.8	No Result	0.8	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.7	
09	0.3	0.3	0.1	0.3	0.8	No Result	4.6	2.3	1.0	0.7	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	
10	0.1	0.1	0.2	0.6	1.8	No Result	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.3	0.9	0.0	0.3	0.1	0.1	0.1	0.3	
11	0.0	0.0	0.2	0.7	0.7	No Result	0.9	1.2	1.0	1.1	0.9	0.9	0.9	0.8	0.8	1.0	0.7	0.2	0.1	0.1	0.4	0.3	0.0	0.0	0.6	
12	0.1	0.0	0.2	0.0	0.0	No Result	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	
13	0.2	0.2	0.6	0.8	1.5	No Result	1.2	1.0	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.2	0.0	0.3	
14	0.1	0.0	0.0	0.0	0.0	No Result	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.9	No Result	0.5	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.1	
15	0.1	0.1	0.0	0.0	0.0	No Result	0.0	No Result	0.0	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.1	1.0	1.2	1.0	0.5	0.2	0.3	0.3	0.3	
16	0.3	0.2	0.3	0.1	0.4	No Result	0.5	0.2	0.9	3.4	0.2	0.1	1.2	1.6	1.4	1.0	0.2	0.0	0.2	0.5	0.6	1.0	1.1	0.6	0.7	
17	0.3	0.2	0.2	0.4	3.1	No Result	1.2	3.2	2.9	2.4	4.1	1.5	0.3	0.6	0.4	0.5	0.9	0.5	0.3	0.4	0.4	0.2	0.2	0.4	1.1	
18	0.2	0.2	0.2	0.0	0.1	No Result	0.2	0.2	0.0	0.0	0.0	0.3	0.7	1.0	0.8	0.6	0.6	0.7	0.8	0.4	0.4	0.3	0.2	0.0	0.3	
19	0.1	0.1	0.0	0.1	0.1	No Result	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.4	0.4	0.5	0.7	0.5	0.1	0.2	0.1	0.2	0.0	0.0	0.2	
20	0.1	0.1	0.1	0.1	0.0	No Result	0.1	0.9	7.7	4.4	10.4	7.5	3.4	3.5	0.3	0.3	0.3	0.2	1.0	3.6	10.1	41.1	20.8	43.4	6.9	
21	22.5	50.8	38.4	50.4	22.3	No Result	63.1	54.1	26.4	5.8	10.7	12.6	6.0	13.6	20.6	26.5	30.5	34.2	20.4	20.6	13.0	4.6	7.3	1.8	24.2	
22	8.7	6.5	17.2	21.2	21.2	No Result	17.8	17.1	18.2	8.8	19.4	11.2	7.3	8.2	1.1	0.3	0.2	0.1	0.3	0.5	1.3	1.3	1.2	1.1	8.3	
23	0.8	0.8	0.7	0.4	0.4	No Result	0.4	0.3	0.3	0.2	0.3	0.2	0.1	0.2	0.3	0.3	0.4	1.0	1.2	0.5	1.5	1.4	1.2	0.6	0.6	
24	1.4	0.8	0.8	0.7	0.0	No Result	0.2	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.1	0.1	0.3	0.4	0.2	0.0	3.6	6.4	2.6	1.1	0.8	
25	1.4	1.5	1.6	1.0	0.6	No Result	0.6	0.7	4.2	23.6	16.8	16.4	1.3	0.9	0.9	1.0	1.1	1.0	1.1	1.0	1.1	1.2	1.4	1.0	3.5	
26	0.2	0.1	0.2	0.1	0.0	No Result	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
27	0.0	0.0	0.0	0.0	0.0	No Result	2.4	21.1	13.8	15.5	2.9	0.8	0.3	4.0	9.9	16.2	9.2	15.4	8.5	9.6	12.4	11.9	5.8	3.8	7.1	
28	2.0	0.8	0.9	0.6	1.1	No Result	1.0	1.1	0.9	1.6	1.1	0.3	1.5	0.7	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
29	0.0	0.0	0.1	0.0	0.3	No Result	1.4	0.9	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.2	
30	0.0	0.0	0.1	0.1	0.1	No Result	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	7.7	11.5	4.4	1.0	4.0	19.2	19.4	8.2	2.5	22.3	11.1	4.9

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	0		Nb.	0
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	2		Nb.	0

Station Berthier SO2 (ppb)

Mois: Mai 2009 % données valides: 78.8%																										
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne	
01	13.7	30.6	30.4	9.5	8.4	No Result	9.5	11.7	9.1	4.3	6.8	4.4	1.8	0.1	0.0	0.7	1.3	0.8	No Result	No Result	No Result	1.4	1.2	1.2	7.3	
02	0.8	0.6	0.3	0.1	0.0	No Result	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	3.3	0.4	2.8	34.1	16.2	7.2	3.5	
03	5.4	1.3	0.1	0.1	0.1	No Result	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	No Result	0.0	0.0	0.3	6.3	12.9	5.5	0.2	0.1	1.5	
04	0.1	0.0	0.0	0.0	0.0	No Result	0.1	0.0	0.3	1.1	0.5	0.1	0.3	0.5	0.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
05	0.0	0.0	0.0	0.0	0.0	No Result	0.7	8.8	2.3	2.7	1.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.7	33.9	11.8	7.8	49.1	5.2	
06	23.5	18.8	3.5	2.4	0.6	No Result	2.3	1.9	6.5	11.0	22.5	5.5	8.1	10.3	27.5	5.5	2.1	0.6	0.9	4.3	17.1	13.0	39.7	37.1	11.5	
07	27.8	13.1	8.6	10.4	3.5	No Result	11.4	6.0	4.7	10.5	3.8	8.5	0.3	0.1	0.1	0.0	0.2	0.4	1.5	6.5	2.1	3.0	9.6	12.8	6.3	
08	7.0	10.0	8.2	2.3	1.6	No Result	1.3	3.3	3.6	3.4	4.8	1.6	0.6	0.2	7.3	13.0	3.8	4.2	13.0	12.6	2.7	2.3	2.3	1.2	4.8	
09	0.7	0.9	0.6	0.5	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
10	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
11	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
12	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	24.2	24.3	0.3	0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	No Result
13	0.4	0.1	0.1	0.1	0.0	No Result	1.2	4.1	23.8	10.2	19.2	6.1	0.8	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	5.7	6.5	3.5
14	8.3	27.4	3.0	4.4	4.9	No Result	41.6	24.6	21.7	0.3	0.5	0.2	0.1	0.1	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
15	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	0.0	0.0	0.0	0.0	0.4	0.3	0.5	0.7	0.5	0.5	No Result	0.9	0.2	0.1	0.0	No Result	
16	0.0	0.0	0.0	0.0	0.0	No Result	0.3	7.7	13.1	6.7	0.1	0.0	14.5	15.7	17.9	17.3	2.2	29.2	25.6	22.8	28.4	10.2	23.7	8.8	10.6	
17	5.5	19.7	14.1	4.2	2.6	No Result	2.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.7	2.2	
18	0.0	0.0	0.0	0.0	0.0	No Result	0.0	0.0	0.0	0.2	0.6	0.7	0.4	0.4	0.5	0.5	0.7	0.6	0.5	0.5	0.3	0.8	0.4	0.4	0.3	
19	0.2	0.2	0.2	0.4	0.2	No Result	4.2	9.9	6.8	6.5	0.1	0.1	0.4	0.7	1.5	0.8	0.7	0.5	0.3	0.4	0.2	0.1	0.2	0.1	1.5	
20	0.1	0.1	0.0	0.0	0.0	No Result	0.2	0.1	0.0	0.0	No Result	No Result	0.1	No Result	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	3.4	6.7	0.6	
21	6.1	6.0	15.9	11.2	11.7	No Result	10.9	8.7	4.0	9.7	16.3	5.8	1.2	1.2	0.8	0.7	0.5	0.4	0.4	0.5	0.5	No Result	No Result	No Result	5.6	
22	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	0.0	0.4	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	No Result	
23	0.0	0.0	0.0	0.0	0.0	No Result	0.1	0.0	5.9	6.2	5.1	10.8	4.4	0.5	0.1	0.5	1.1	4.0	8.9	13.2	18.8	5.3	5.3	2.3	4.0	
24	1.0	0.6	0.2	0.1	0.0	No Result	0.8	0.4	0.4	0.2	0.3	0.3	0.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.7	0.3	0.1	
25	0.7	0.0	0.0	0.0	0.0	No Result	0.0	0.0	0.3	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
26	0.0	0.0	0.0	0.0	0.0	No Result	0.0	0.0	0.0	0.0	0.2	1.0	0.9	1.0	1.2	1.7	1.1	0.7	0.4	0.0	0.1	0.1	0.1	0.2	0.4	
27	0.2	0.2	0.5	1.5	0.5	No Result	2.3	8.6	2.2	2.4	1.3	3.5	1.9	10.7	28.4	4.3	3.6	7.9	4.5	3.3	4.9	6.2	2.6	0.6	4.4	
28	0.1	0.1	0.0	0.0	0.0	No Result	0.2	0.7	3.5	8.1	0.4	0.3	0.0	0.0	0.8	9.5	11.7	12.2	2.4	32.0	0.6	1.2	13.9	58.7	6.8	
29	41.0	16.9	14.3	3.8	2.5	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	1.6	1.1	1.7	1.4	0.5	0.2	0.1	No Result	
30	0.1	0.0	0.0	0.0	0.1	No Result	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.1	
31	0.0	0.0	0.0	0.0	0.0	No Result	2.2	18.6	1.6	14.5	3.8	0.1	0.3	0.0	0.4	0.5	0.6	0.2	0.0	0.0	0.2	0.2	0.0	0.0	1.9	

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	0		Nb.	0
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	2		Nb.	0

Station Berthier SO2 (ppb)

Mois Juin 2009 % données valides 92.9%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	0.0	0.0	0.0	0.0	0.0	No Result	0.1	0.2	0.1	0.1	0.1	0.2	0.6	0.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
02	0.0	0.0	0.0	0.0	0.0	No Result	0.3	0.8	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1	0.2	0.9	0.3	1.0	0.2
03	0.9	1.0	1.0	0.8	0.5	No Result	0.7	2.0	1.2	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.2	0.2	0.6	0.4	0.2	0.1	0.1	0.5	
04	0.0	0.2	0.2	0.1	0.1	No Result	0.1	1.5	2.3	1.1	0.2	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.3
05	0.2	0.1	0.0	0.0	0.0	No Result	1.0	0.5	0.7	0.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	
06	2.4	7.2	1.6	1.0	1.7	No Result	11.5	13.3	12.2	7.1	0.2	0.1	0.2	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6
07	0.0	0.1	0.2	0.5	0.3	No Result	0.3	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8	0.0	0.0	0.1	0.0	0.2
08	0.0	0.0	0.0	0.2	0.2	No Result	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.2	0.3	0.4	0.4	0.2	0.2	0.0	0.0	0.0	0.1
09	0.0	0.0	0.0	0.0	0.0	No Result	0.5	3.0	4.2	9.9	0.5	0.0	0.0	0.0	3.7	0.4	0.0	1.2	6.3	16.7	7.0	23.5	20.1	1.8	4.3
10	0.4	0.7	1.6	0.6	0.9	No Result	3.7	7.5	8.2	17.6	11.3	1.2	0.4	0.2	0.3	0.2	0.2	0.6	0.4	No Result	5.2	7.8	17.2	17.0	4.7
11	13.9	9.9	7.3	4.0	5.7	No Result	2.7	3.3	2.3	3.5	2.0	3.4	3.7	0.1	0.0	0.0	1.1	0.9	1.4	1.1	0.7	1.0	1.3	0.6	3.0
12	0.4	0.3	0.2	0.1	0.0	No Result	0.2	0.4	0.5	0.3	0.1	0.0	0.0	0.3	0.3	0.2	0.0	0.2	0.6	1.5	0.6	0.0	0.0	0.0	0.3
13	0.0	0.0	0.0	0.0	0.0	No Result	0.1	0.0	0.0	0.0	1.5	4.6	0.0	0.0	0.2	0.1	0.2	0.1	0.0	0.0	0.0	1.7	7.0	3.5	0.8
14	0.1	0.0	0.0	0.0	0.0	No Result	0.0	0.9	13.2	14.6	12.8	4.1	3.9	2.6	2.9	5.6	5.3	2.6	29.0	3.5	28.6	33.5	9.5	34.0	9.0
15	30.2	5.5	2.6	2.3	6.7	No Result	10.5	3.9	3.1	1.2	0.3	3.1	3.3	4.1	4.9	0.0	0.0	0.0	0.0	0.1	0.1	1.0	No Result	No Result	4.0
16	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	26.7	28.3	4.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	No Result

Dépassement moyenne 4 minutes critère 1	critère	500	Dépassement moyenne heure	critère	500
	Nb.	NA		Nb.	NA
Dépassement moyenne 4 minutes critère 2	critère	400	Dépassement moyenne mobile 24 heures	critère	110
	Nb.	NA		Nb.	NA

Station Rachel PM2.5 (ug/m3)

Mois Octobre 2008 % données valides: 100%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	28	28	28	26	25	25	22	22	22	22	24	32	24	24	24	24	25	27	25	24	27	23	24	27	25
02	27	25	22	25	25	21	18	21	26	26	26	26	26	26	26	26	26	26	24	29	53	28	28	28	26
03	28	26	34	29	26	26	29	27	33	26	26	26	23	90	28	10	18	12	8	8	8	8	18	18	23
04	17	6	10	22	22	36	36	36	34	26	30	12	12	12	14	22	16	19	9	25	36	22	8	8	20
05	8	9	23	30	25	30	6	6	6	6	9	11	12	12	12	12	12	12	13	9	5	9	14	12	13
06	12	12	9	9	9	9	10	12	9	9	9	9	9	8	12	8	19	6	11	18	8	11	11	10	10
07	8	9	11	11	11	11	14	10	6	8	16	10	10	10	10	10	10	10	10	10	10	11	39	22	12
08	9	24	15	13	11	17	11	13	18	16	23	23	13	13	11	10	12	14	14	50	23	25	19	24	18
09	12	21	19	14	18	13	24	8	18	14	14	14	13	19	15	18	12	12	11	9	18	20	11	11	15
10	13	14	23	111	33	26	40	87	37	17	7	7	7	7	7	10	10	10	10	10	8	16	6	6	22
11	6	13	13	11	11	11	9	7	7	7	7	7	7	7	7	7	7	9	18	12	10	7	10	10	9
12	7	9	10	8	6	7	10	10	8	6	6	8	8	9	13	13	11	10	10	12	14	11	12	15	10
13	15	15	15	17	7	9	10	13	13	13	17	9	9	8	8	8	8	8	9	12	9	9	9	9	11
14	18	18	18	18	18	18	11	13	16	18	29	18	18	22	25	16	25	30	8	4	6	9	9	9	16
15	9	9	9	8	6	6	9	9	9	4	6	11	11	8	8	11	11	11	11	11	11	11	14	12	9
16	12	12	10	10	10	13	10	17	12	12	12	14	15	17	10	21	6	10	10	8	7	5	4	7	11
17	7	7	7	7	7	7	7	8	4	8	8	8	10	23	8	8	8	7	5	7	5	4	4	4	7
18	7	7	7	9	11	7	8	10	7	10	14	8	8	8	8	8	8	8	8	10	18	11	11	11	9
19	11	11	11	14	14	11	20	14	14	14	14	8	10	25	11	46	8	18	8	9	11	12	50	13	15
20	12	18	15	13	10	16	9	12	12	12	18	14	12	11	13	15	15	15	93	18	17	11	11	17	17
21	18	20	17	13	13	13	13	12	8	8	8	8	8	8	6	5	5	5	7	10	10	10	10	10	10
22	10	8	8	8	8	8	8	8	8	8	8	8	8	10	12	12	11	7	10	12	13	13	13	13	9
23	13	16	12	12	11	20	12	12	19	12	28	33	13	11	10	10	10	10	11	21	12	25	16	13	15
24	19	15	14	18	12	12	12	12	14	17	20	26	17	9	12	15	19	20	15	18	18	23	15	28	16
25	16	16	17	7	17	12	12	12	12	12	13	13	17	10	18	30	22	19	15	15	13	12	12	10	14
26	17	6	7	9	9	9	9	18	15	12	9	9	9	9	9	10	11	14	14	14	13	19	16	15	11
27	13	11	21	7	17	10	12	21	10	10	10	12	13	10	10	13	13	13	13	15	10	10	14	14	12
28	14	12	10	10	10	10	10	10	9	13	13	13	13	12	7	7	7	7	9	9	10	11	7	7	10
29	7	7	7	7	8	12	9	9	8	6	6	6	8	8	8	7	5	8	8	9	27	1	36	17	9
30	13	12	8	6	4	4	6	9	9	8	8	8	3	5	13	13	11	10	10	10	10	10	21	2	8
31	18	17	9	7	6	6	6	9	9	9	7	18	17	23	17	21	15	36	38	9	7	7	7	7	13

Station Rachel PM2.5 (ug/m3)

Mois Novembre 2008 % données valides: 100%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	7	7	6	4	4	5	10	9	6	9	9	9	7	5	5	5	5	3	6	5	8	12	5	5	6
02	5	7	8	8	8	8	4	7	11	7	6	6	4	4	7	4	5	8	19	18	22	20	5	10	8
03	12	13	12	5	5	7	10	12	13	13	13	13	13	13	12	9	11	12	22	15	20	27	22	22	13
04	22	24	17	22	18	13	19	15	20	19	24	25	18	20	22	18	24	15	44	22	21	26	26	28	21
05	25	23	27	21	16	23	20	20	27	29	38	33	27	34	31	78	28	28	27	27	32	33	28	31	29
06	26	30	36	32	29	20	23	23	29	31	31	36	34	31	32	37	38	38	38	42	41	46	40	41	33
07	43	33	33	36	29	35	35	25	11	8	8	10	12	12	12	14	14	19	12	12	12	9	9	9	18
08	7	4	4	4	4	6	8	5	8	12	9	9	9	7	6	3	7	11	6	8	8	2	6	6	6
09	5	10	8	5	8	8	6	5	6	6	6	9	12	13	20	12	11	17	11	11	11	10	10	20	10
10	14	12	9	9	9	9	9	11	36	8	8	5	5	7	9	9	9	9	9	9	8	6	7	9	9
11	9	9	9	9	9	9	9	10	12	11	9	9	9	9	8	6	8	10	8	20	28	16	23	39	12
12	23	31	28	28	12	12	12	5	5	5	6	9	17	12	14	20	11	11	11	12	15	10	10	15	13
13	18	8	8	8	8	8	11	8	8	8	9	9	5	8	8	8	8	9	11	7	7	7	7	8	8
14	10	7	3	3	7	7	7	7	8	8	8	8	4	7	7	7	7	7	7	7	7	7	7	7	6
15	7	6	6	6	6	6	83	8	8	10	13	12	17	11	11	10	8	11	11	11	11	11	11	11	12
16	11	11	4	2	7	7	7	5	2	3	7	7	7	7	7	5	41	35	38	58	39	48	39	16	
17	24	11	10	8	8	8	8	8	8	8	8	8	4	7	8	2	5	8	8	8	8	6	5	5	7
18	5	5	9	9	8	5	8	10	11	11	12	12	11	9	9	9	9	12	12	12	12	10	10	6	9
19	8	10	7	6	10	10	9	9	7	7	7	7	7	7	9	11	11	11	13	10	9	7	7	8	
20	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
21	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	12	12	10	8	8	8	6	7
22	5	5	5	8	9	4	6	12	6	3	10	10	10	10	8	3	8	8	8	8	8	7	7	5	7
23	5	9	9	6	6	6	6	6	6	6	6	6	9	5	3	7	7	7	7	7	7	7	5	2	6
24	30	17	11	11	11	9	7	8	12	12	12	12	12	12	12	12	12	9	9	9	9	9	9	11	
25	7	16	6	8	8	8	9	9	9	9	9	9	9	10	10	12	10	9	8	5	7	8	5	6	8
26	10	10	7	10	11	6	6	9	5	7	8	6	4	4	6	8	8	8	7	4	6	6	6	10	7
27	10	7	8	10	8	5	9	12	12	12	12	10	20	10	12	13	9	9	12	11	7	7	10	10	10
28	10	10	10	10	10	10	9	9	6	5	9	12	11	11	11	11	10	8	11	14	14	14	14	14	10
29	12	19	19	18	15	19	19	18	14	10	10	10	7	4	7	7	7	7	9	12	9	26	11	11	12
30	11	11	8	17	11	11	11	13	23	9	10	21	24	19	14	14	13	8	19	9	9	9	9	9	13

Station Rachel PM2.5 (ug/m3)

Mois	Janvier 2009																								% données valides:81%	
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne	
01	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	
02	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	
03	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	
04	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	
05	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	
06	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	9	8	8	8	7	24	27	18	29	24	17	No Result
07	33	33	23	32	22	22	19	22	22	37	23	31	24	17	17	17	19	22	21	12	10	7	7	7	20	
08	5	7	10	10	9	6	8	9	9	9	9	10	27	39	17	43	45	33	22	16	15	13	13	13	16	
09	25	24	37	31	24	20	14	13	9	9	9	9	9	9	21	21	15	10	18	17	9	12	17	10	16	
10	10	16	4	6	8	8	10	11	11	11	9	19	19	7	5	17	17	15	15	29	38	42	54	53	18	
11	43	35	41	46	39	33	38	31	32	35	50	41	36	31	12	32	85	97	95	93	121	100	98	95	56	
12	71	86	78	68	57	44	41	34	43	68	51	36	24	26	28	16	22	21	22	22	15	23	23	24	39	
13	34	30	27	38	27	28	22	21	15	15	13	21	21	14	14	21	15	15	17	11	8	7	12	17	19	
14	12	12	13	17	14	10	6	6	6	6	9	9	9	9	9	9	7	16	21	14	12	19	27	23	12	
15	23	22	18	21	24	26	17	32	23	12	9	11	12	12	10	22	14	24	27	36	36	35	43	39	22	
16	54	54	43	30	30	30	28	19	34	30	33	19	9	9	9	9	19	13	14	20	39	47	36	42	27	
17	48	37	32	24	25	32	25	24	24	42	34	31	31	19	14	29	17	44	33	43	36	54	56	56	33	
18	69	56	42	38	38	36	36	24	15	13	11	11	11	11	11	11	11	11	11	11	12	6	9	12	10	21
19	10	10	9	9	13	14	9	9	9	12	12	12	12	12	10	22	63	18	19	22	18	18	32	28	16	
20	31	30	27	19	17	15	23	17	11	27	8	8	8	8	8	8	8	8	10	19	19	29	25	34	40	18
21	38	49	39	33	25	26	22	21	36	40	28	27	23	27	27	27	27	27	25	30	49	23	45	11	30	
22	29	17	15	12	12	31	23	39	15	48	27	8	8	8	8	9	4	4	5	8	14	13	9	12	15	
23	12	11	21	19	10	12	23	29	26	26	35	25	22	12	24	20	24	20	13	13	10	10	10	10	18	
24	22	7	55	14	21	3	4	6	6	10	10	10	10	12	13	10	10	10	10	13	16	19	23	23	14	
25	23	26	21	31	19	23	20	24	13	19	8	11	11	11	10	8	18	10	18	21	15	27	21	16	17	
26	24	27	29	23	30	22	29	23	33	39	41	39	15	22	22	23	39	39	25	37	40	26	31	34	29	
27	48	22	25	29	31	22	28	27	25	19	13	13	10	10	10	10	13	13	27	41	46	45	61	44	26	
28	48	40	41	33	36	24	38	38	46	42	39	35	37	37	29	31	23	20	17	15	15	12	9	9	29	
29	10	13	13	11	10	10	68	13	23	30	33	11	11	11	11	13	17	8	18	35	32	35	35	29	20	
30	37	33	30	27	24	15	18	19	38	60	37	26	26	31	25	21	18	19	29	32	45	43	42	39	30	
31	40	42	42	44	37	35	28	35	35	44	26	14	12	11	15	11	9	8	8	9	5	5	6	6	22	

Station Rachel PM2.5 (ug/m3)

Mois : Mars 2009		% données valides: 100%																							
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
01	37	24	27	27	27	22	19	22	19	22	24	10	10	10	10	11	11	11	20	11	11	13	14	14	17
02	14	14	10	10	10	9	6	8	12	19	9	9	11	13	10	7	7	7	7	7	7	7	7	4	9
03	4	6	9	12	22	30	27	24	16	29	10	22	11	13	23	27	13	11	8	6	6	9	8	7	14
04	9	9	8	8	9	6	34	3	9	9	7	9	10	9	6	4	4	6	7	6	5	9	14	14	8
05	14	14	14	14	14	14	14	14	14	14	14	14	14	5	6	7	9	9	17	35	22	16	18	21	14
06	14	14	11	8	8	7	18	9	10	12	11	9	11	10	7	10	13	14	13	11	11	12	12	18	11
07	8	10	11	10	11	13	20	15	17	18	20	20	16	22	15	21	24	26	30	25	9	32	21	27	18
08	22	23	23	20	19	15	25	28	10	9	8	8	9	10	17	7	7	9	9	8	8	10	15	22	13
09	8	9	18	10	10	10	10	13	13	16	34	28	27	19	10	10	10	18	23	19	18	15	18	24	16
10	18	26	27	33	23	31	28	21	27	38	29	32	24	25	23	15	20	15	26	22	27	36	27	22	25
11	25	21	18	13	12	11	11	13	13	13	11	9	8	11	12	10	7	9	11	11	37	8	8	6	12
12	5	9	10	8	6	4	6	8	9	8	8	9	8	9	5	3	8	6	5	7	8	9	8	9	7
13	13	13	10	11	14	13	13	13	14	24	22	32	11	21	13	10	9	8	7	20	14	15	12	9	14
14	7	8	10	23	17	11	12	12	12	19	15	17	20	24	31	16	23	18	7	18	13	16	9	10	15
15	10	7	4	4	9	9	8	10	10	9	11	11	10	9	9	9	10	9	8	10	9	10	10	10	8
16	32	10	11	10	11	12	9	17	18	12	13	17	24	12	11	10	10	8	10	15	12	25	28	28	15
17	23	25	24	20	21	22	23	23	28	25	22	28	26	23	23	11	11	12	16	10	29	21	8	19	20
18	25	19	7	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11
19	10	10	10	10	10	10	10	10	10	10	10	10	14	10	11	12	11	12	8	8	9	8	9	12	10
20	14	12	8	11	22	11	10	13	12	10	11	11	8	6	8	8	6	7	9	7	9	12	13	18	10
21	20	19	22	27	15	17	9	21	13	17	13	11	11	11	10	8	5	5	7	9	8	8	18	7	12
22	23	16	13	8	9	8	6	7	9	8	6	3	3	7	9	9	8	9	6	7	11	11	11	8	8
23	6	6	6	8	7	6	6	9	10	7	6	9	18	14	22	17	14	13	10	6	5	8	10	12	9
24	15	16	14	10	9	11	11	13	20	10	12	18	13	14	19	19	22	15	19	10	11	18	14	14	14
25	14	14	12	8	4	7	16	11	22	22	13	12	12	13	13	11	11	8	5	8	10	10	10	7	11
26	9	11	9	8	5	1	6	11	11	17	10	7	6	10	11	11	13	10	8	12	12	11	8	6	9
27	7	9	9	10	9	5	7	8	8	11	11	9	10	12	20	36	19	18	16	19	23	22	19	17	13
28	13	9	7	10	11	14	13	9	9	26	11	7	6	11	13	12	10	5	5	23	5	5	10	13	10
29	9	3	7	11	5	4	7	18	16	10	4	5	7	8	7	6	6	7	6	6	7	8	4	4	7
30	7	7	7	7	6	4	5	4	4	4	3	3	5	7	8	7	7	7	5	8	8	6	6	6	5
31	8	10	3	1	5	5	7	9	10	9	7	6	7	9	11	12	10	6	5	8	8	9	11	8	7

Station Rachel PM2.5 (ug/m3)

Mois		Avril 2009																								% données valides: 100%	
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne		
01	10	12	10	13	12	9	12	11	8	13	15	11	11	9	11	27	13	11	8	7	8	10	13	12	11		
02	8	6	10	12	7	6	8	23	20	14	15	17	32	17	23	21	14	11	11	12	12	19	16	14	14		
03	12	11	12	12	21	12	16	24	18	15	11	7	11	11	10	15	14	13	13	12	10	8	9	10	12		
04	10	8	6	5	6	7	7	8	8	6	5	4	5	6	5	7	9	9	5	8	10	7	9	8	7		
05	7	7	6	7	9	9	8	6	7	9	6	5	5	6	7	3	4	8	9	10	10	8	9	8	7		
06	7	8	7	4	6	5	2	5	7	7	9	8	6	6	7	9	9	9	8	7	6	5	3	6	6		
07	7	6	6	5	5	5	5	3	4	4	4	6	6	4	6	7	8	6	3	5	4	4	7	8	5		
08	7	7	8	7	6	7	8	8	7	6	6	3	5	10	19	7	8	7	6	5	5	6	7	10	7		
09	9	7	9	8	7	5	9	9	5	8	7	6	3	5	7	1	4	7	8	9	6	5	8	12	6		
10	12	10	5	5	8	8	11	9	8	10	9	5	7	8	9	7	4	7	7	5	7	7	4	8	7		
11	11	7	7	9	11	25	19	10	7	7	8	8	11	11	10	8	8	11	13	9	7	8	8	7	10		
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Station Rachel PM2.5 (ug/m3)

Mois Mai 2009 % données valides: 100%																									
JOUR/HR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Moyenne
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