

Atmospheric electricity

by Kritskiy. D.



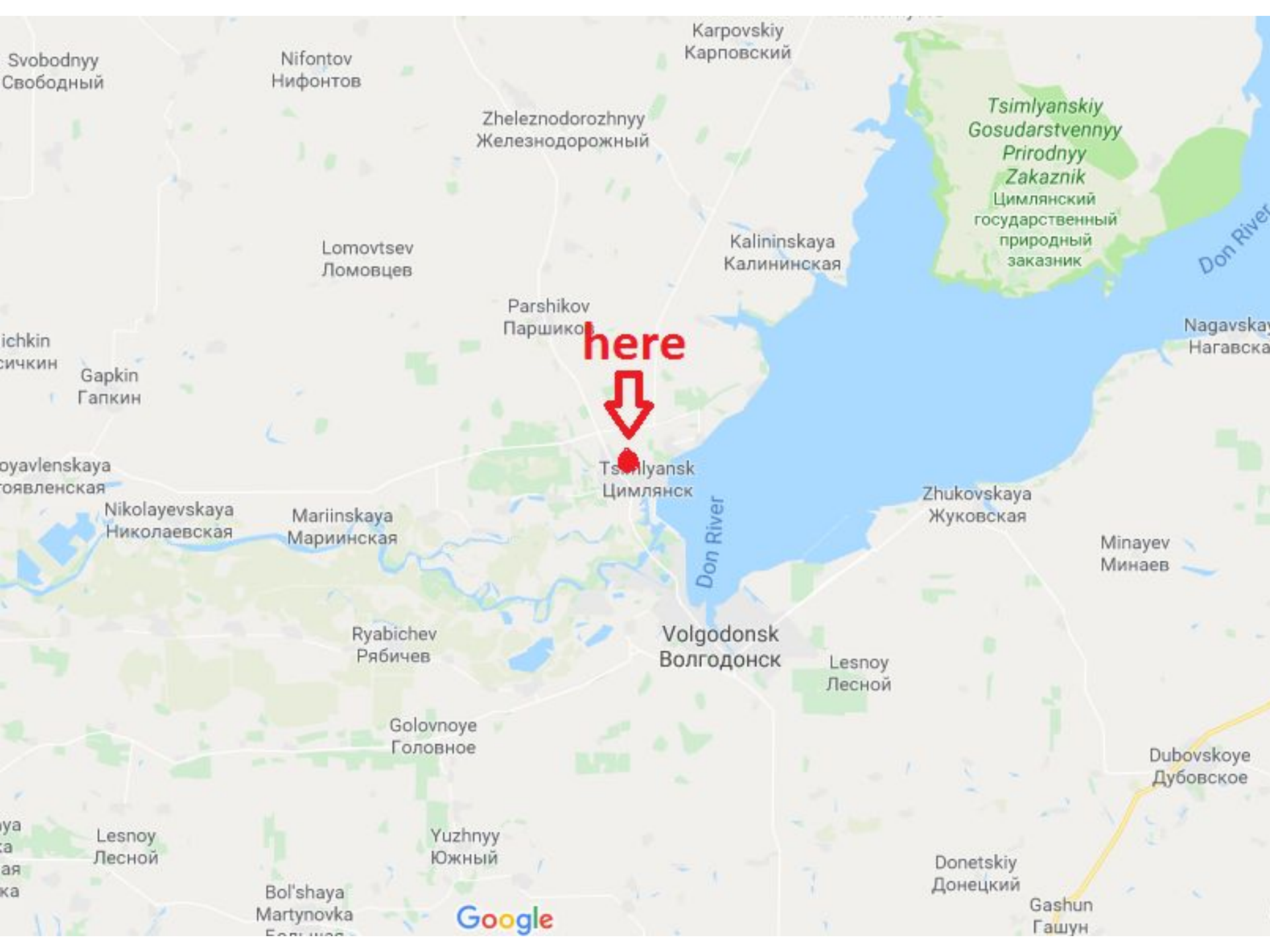
Charged particles



- Temperature

- Wind

- Turbulence



Svobodnyy
Свободный

Nifontov
Нифонтов

Karpovskiy
Карповский

Zheleznodorozhnyy
Железнодорожный

Tsimlyanskiy
Gosudarstvennyy
Prirodnyy
Zakaznik
Цимлянский
государственный
природный
заказник

Don River

Lomovtsev
Ломовцев

Kalininskaya
Калининская

ichkin
сичкин

Gapkin
Гапкин

Parshikov
Паршико

here



Tsimlyansk
Цимлянск

Nagavskaya
Нагавская

oyavlenskaya
оявленская

Nikolayevskaya
Николаевская

Mariinskaya
Мариинская

Don River

Zhukovskaya
Жуковская

Minayev
Минаев

Ryabichev
Рябичев

Volgodonsk
Волгодонск

Lesnoy
Лесной

Golovnoye
Головное

Dubovskoye
Дубовское

уа
а
ая
ка

Lesnoy
Лесной

Yuzhnyy
Южный

Donetskiy
Донецкий

Bol'shaya
Martynovka
Большая
Мартыновка

Gashun
Гашун

Google

2017

January						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Measured values:

Temperature (T)

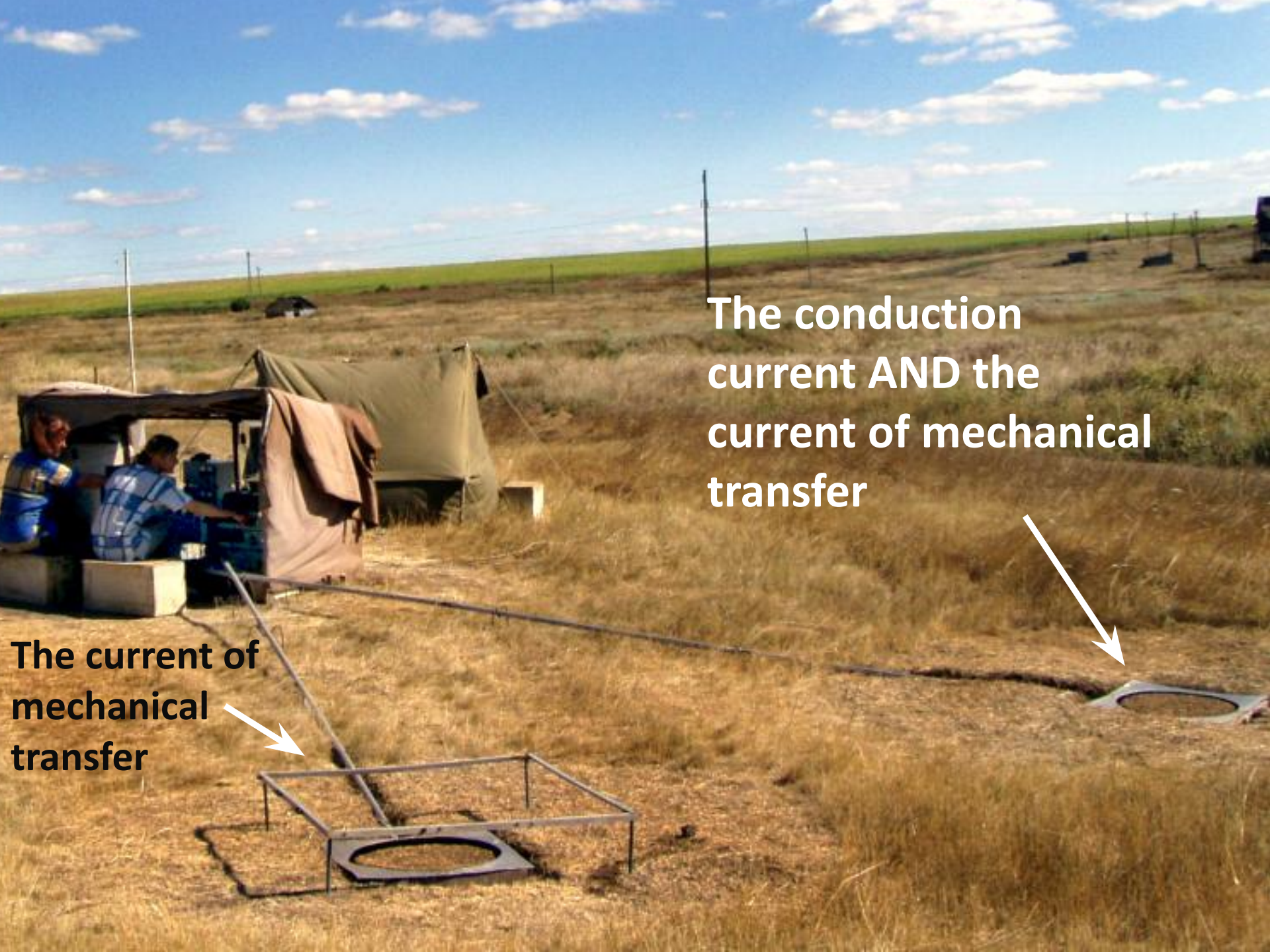
Wind speed (U)

Turbulence (D)

the conduction current (j_c)

the current of mechanical transfer (j_m) *

* measurements were taken every hour



The conduction current AND the current of mechanical transfer

The current of mechanical transfer





Thanks for attention!