A L E R T P E R I O D S
The International Space Environment Service

DECEMBER 2003

Julian Day	Date of Issue	Date of Obs	Wolf No.	10-cm Solar Flux	A-index	Rgn No.	Location Lat	Location Lon	Flares Opt	Flares M	Flares X	Date of Fcst	Region Fcst(1)	Geoadvice(1)
335	01	30	178	153	9	10507	N07	W82	0	0	0	01	E	SOL: Eruptive
						10508	S19	W71	0	0	0	01	E	MAG: Quiet
						10509	S11	W24	0	0	0	01	Q	PRO: Quiet
						10510	S23	W16	0	0	0	01	E	
						10511	S15	W44	0	0	0	01	Q	
						10512	N06	W36	0	0	0	01	Q	
						10513	N13	E18	0	0	0	01	Q	
						10515	S02	E42	0	0	0	01	Q	
						10516	S17	E44	0	0	0	01	Q	
						10517	S07	E67	0	0	0	01	Q	
336	02	01	159	143	10	10507	N07	W95	0	0	0	02	Q	SOL: Eruptive
						10508	S19	W84	0	0	0	02	E	MAG: Quiet
						10509	S11	W37	0	0	0	02	Q	PRO: Quiet
						10510	S23	W29	0	0	0	02	Q	
						10511	S15	W57	0	0	0	02	Q	
						10513	N13	E05	0	0	0	02	Q	
						10515	S02	E28	0	0	0	02	Q	
						10516	S17	E31	0	0	0	02	Q	
						10517	S07	E60	0	0	0	02	Q	
337	03	02	119	139	8	10509	S11	W52	0	0	0	03	Q	SOL: Eruptive
						10510	S22	W45	0	0	0	03	Q	MAG: Quiet
						10511	S14	W71	1	0	0	03	Q	PRO: IP
						10513	N12	W07	0	0	0	03	Q	
						10515	S02	E13	0	0	0	03	Q	
						10516	S16	E18	0	0	0	03	Q	
						10517	S06	E47	0	0	0	03	Q	
338	04	03	100	124	4	10509	S11	W67	0	0	0	04	Q	SOL: Eruptive
						10510	S23	W58	0	0	0	04	Q	MAG: Quiet
						10513	N12	W21	0	0	0	04	Q	PRO: IP
						10515	S03	W01	0	0	0	04	Q	
						10516	S16	E04	0	0	0	04	Q	
						10517	S06	E33	0	0	0	04	Q	
						10518	S22	E10	0	0	0	04	Q	
339	05	04	115	116	6	10509	S10	W80	0	0	0	05	Q	SOL: Eruptive
						10510	S24	W69	1	0	0	05	Q	MAG: Quiet
						10513	N12	W34	0	0	0	05	Q	PRO: Quiet
						10515	S03	W16	0	0	0	05	Q	
						10516	S16	W11	0	0	0	05	Q	
						10517	S06	E20	0	0	0	05	Q	
						10518	S21	W03	0	0	0	05	Q	
						10519	S08	W15	0	0	0	05	Q	
340	06	05	88	112	35	10510	S24	W81	1	0	0	06	Q	SOL: Eruptive
						10513	N12	W47	0	0	0	06	Q	MAG: Active
						10516	S17	W24	0	0	0	06	Q	PRO: Quiet
						10517	S06	E07	0	0	0	06	Q	
						10519	S08	W28	0	0	0	06	Q	
341	07	06	87	109	23	10510	S23	W96	0	0	0	07	E	SOL: Eruptive
						10513	N11	W62	0	0	0	07	Q	MAG: Active
						10516	S17	W37	0	0	0	07	Q	PRO: Quiet
						10517	S07	W06	0	0	0	07	Q	
						10519	S05	W45	0	0	0	07	Q	
342	08	07	53	92	17	10513	N11	W75	0	0	0	08	Q	SOL: Eruptive
						10516	S17	W52	0	0	0	08	Q	MAG: Active
						10517	S08	W20	0	0	0	08	Q	PRO: Quiet
343	09	08	49	94	35	10513	N11	W85	0	0	0	09	Q	SOL: Quiet
						10516	S16	W63	0	0	0	09	Q	MAG: Active
						10517	S07	W32	0	0	0	09	Q	PRO: Quiet
344	10	09	23	92	24	10516	S16	W80	0	0	0	10	Q	SOL: Quiet

A L E R T P E R I O D S
The International Space Environment Service

DECEMBER 2003

Julian Day	Date of Issue	Date of Obs	Wolf No.	10-cm Solar Flux	A-index	Rgn No.	Location Lat	Location Lon	Flares Opt	Flares M	Flares X	Date of Fcst	Region Fcst(1)	Geoadvice(1)
						10517	S08	W51	0	0	0	10	Q	MAG: Active
									0	0	0	10		PRO: Quiet
345	11	10	46	89	40	10516	S16	W92	0	0	0	11	Q	SOL: Quiet
						10517	S08	W64	0	0	0	11	Q	MAG: Active
						10520	N03	E75	0	0	0	11	Q	PRO: Quiet
						10521	S11	E82	0	0	0	11	Q	
346	12	11	35	86	45	10517	S08	W78	0	0	0	12	Q	SOL: Quiet
						10520	N02	E62	0	0	0	12	Q	MAG: Minor
						10521	S11	E63	0	0	0	12	Q	PRO: Quiet
347	13	12	36	87	23	10517	S07	W92	0	0	0	13	Q	SOL: Quiet
						10520	N02	E47	0	0	0	13	Q	MAG: Minor
						10521	S12	E48	0	0	0	13	Q	PRO: Quiet
348	14	13	40	88	27	10520	N02	E33	0	0	0	14	Q	SOL: Quiet
						10521	S12	E34	0	0	0	14	Q	MAG: Active
						10522	N16	W50	0	0	0	14	Q	PRO: Quiet
349	15	14	48	92	29	10520	N02	E19	0	0	0	15	Q	SOL: Eruptive
						10521	S12	E21	0	0	0	15	Q	MAG: Active
						10522	N16	W63	0	0	0	15	Q	PRO: Quiet
350	16	15	42	101	27	10520	N02	E06	0	0	0	16	Q	SOL: Eruptive
						10521	S12	E09	0	0	0	16	Q	MAG: Active
						10522	N15	W76	0	0	0	16	Q	PRO: Quiet
351	17	16	71	106	13	10520	N01	W07	0	0	0	17	Q	SOL: Quiet
						10521	S11	W05	0	0	0	17	Q	MAG: Quiet
						10523	S15	E72	0	0	0	17	Q	PRO: Quiet
						10524	S08	E67	0	0	0	17	Q	
						10525	N10	E68	0	0	0	17	Q	
352	18	17	92	118	10	10520	N03	W22	0	0	0	18	Q	SOL: Eruptive
						10521	S11	W20	0	0	0	18	Q	MAG: Quiet
						10523	S15	E58	0	0	0	18	Q	PRO: Quiet
						10524	S08	E54	0	0	0	18	Q	
						10525	N09	E56	1	0	0	18	Q	
						10526	N12	W54	0	0	0	18	Q	
						10527	S15	W41	0	0	0	18	Q	
353	19	18	114	123	6	10520	N03	W35	0	0	0	19	Q	SOL: Eruptive
						10521	S12	W34	0	0	0	19	Q	MAG: Quiet
						10523	S13	E45	0	0	0	19	Q	PRO: Quiet
						10524	S07	E39	0	0	0	19	Q	
						10525	N09	E44	4	0	0	19	Q	
						10526	N12	W66	0	0	0	19	Q	
						10527	S16	W56	0	0	0	19	Q	
						10528	N08	E71	0	0	0	19	E	
354	20	19	113	123	1	10520	N03	W48	0	0	0	20	Q	SOL: Eruptive
						10521	S12	W47	0	0	0	20	Q	MAG: Quiet
						10523	S17	E34	0	0	0	20	Q	PRO: Quiet
						10524	S08	E25	0	0	0	20	Q	
						10525	N10	E31	7	0	0	20	E	
						10527	S15	W71	0	0	0	20	Q	
						10528	N09	E62	0	0	0	20	E	
355	21	20	104	130	16	10520	N03	W61	0	0	0	21	Q	SOL: Eruptive
						10523	S17	E23	0	0	0	21	Q	MAG: Quiet
						10524	S08	E13	0	0	0	21	Q	PRO: Quiet
						10525	N09	E17	2	0	0	21	E	
						10528	N09	E49	0	0	0	21	E	
						10529	N09	W18	0	0	0	21	Q	
356	22	21	105	133	18	10520	N02	W71	0	0	0	22	Q	SOL: Eruptive

A L E R T P E R I O D S
The International Space Environment Service

DECEMBER 2003

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						10523	S17	E09	0	0	0	22	Q	MAG: Active
						10524	S08	W03	0	0	0	22	Q	PRO: Quiet
						10525	N09	E05	1	0	0	22	E	
						10528	N09	E37	1	0	0	22	E	
						10530	S20	E64	0	0	0	22	Q	
357	23	22	152	138	18	10520	N03	W84	0	0	0	23	Q	SOL: Eruptive
						10523	S18	W01	0	0	0	23	Q	MAG: Active
						10525	N08	W10	0	0	0	23	Q	PRO: Quiet
						10528	N09	E23	3	0	0	23	E	
						10530	S21	E50	1	0	0	23	Q	
						10531	N01	W21	0	0	0	23	Q	
358	24	23	144	142	6	10520	N04	W99	0	0	0	24	Q	SOL: Eruptive
						10523	S19	W13	0	0	0	24	Q	MAG: Quiet
						10525	N08	W22	1	0	0	24	Q	PRO: Quiet
						10528	N09	E09	3	0	0	24	E	
						10529	N09	W60	0	0	0	24	Q	
						10530	S22	E37	0	0	0	24	Q	
						10531	N02	W37	0	0	0	24	Q	
359	25	24	100	139	5	10523	S19	W26	0	0	0	25	Q	SOL: Eruptive
						10525	N09	W36	0	0	0	25	Q	MAG: Quiet
						10528	N10	W05	2	0	0	25	E	PRO: Quiet
						10530	S22	E24	0	0	0	25	Q	
						10531	N03	W50	0	0	0	25	Q	
360	26	25	58	139	8	10525	N09	W49	5	0	0	26	Q	SOL: Eruptive
						10528	N10	W18	3	0	0	26	E	MAG: Quiet
						10532	S11	E02	0	0	0	26	Q	PRO: Quiet
361	27	26	65	137	11	10528	N10	W31	3	1	0	27	E	SOL: Eruptive
						10532	S11	W11	0	0	0	27	Q	MAG: Quiet
									0	0	0	27		PRO: Quiet
362	28	27	47	127	12	10528	N10	W44	0	0	0	28	E	SOL: Eruptive
						10532	S11	W25	0	0	0	28	Q	MAG: Quiet
									0	0	0	28		PRO: Quiet
363	29	28	47	119	13	10528	N10	W57	0	0	0	29	E	SOL: Eruptive
						10532	S11	W38	0	0	0	29	Q	MAG: Quiet
						10533	N16	E54	0	0	0	29	Q	PRO: Quiet
364	30	29	56	115	5	10528	N08	W69	0	0	0	30	E	SOL: Eruptive
						10530	S22	W50	0	0	0	30	Q	MAG: Quiet
						10532	S12	W51	0	0	0	30	Q	PRO: Quiet
						10533	N16	E38	0	0	0	30	Q	
365	31	30	15	108	8	10528	N10	W81	0	0	0	31	Q	SOL: Quiet
									0	0	0	31		MAG: Quiet
									0	0	0	31		PRO: Quiet

(1) Region Forecast and Flare (SOL) Advice
- Q = Quiet (<50% probability of C-class flares)
- E = Eruptive (C-class flares expected, probability >=50%)
- A = Active (M-class flares expected, probability >=50%)
- M = Major (X-class flares expected, probability >=50%)
- P = Proton (Proton flares expected, probability >=50%)
- W = Warning (activity levels are expected to increase, but no numerical forecast given)
- / = No forecast available

Magnetic (MAG) Geoadvice

'Quiet'		
'Active'	conditions expected	(A>= 20 or K =4)
'Minor'	storm expected	(A>= 30 or K =5)
'Major'	storm expected	(A>= 50 or K>=6)
'Severe'	storm expected	(A>=100 or K>=7)

A L E R T P E R I O D S
The International Space Environment Service

DECEMBER 2003

'IP'	magstorm in progress (A>= 30 or K>=4)	
'Warning'	(activity levels are expected to increase, but no numerical forecast given)	
'/'	no forecast available	

Proton (PRO) Geoadvice

'Quiet'		
'Proton'	event expected	(10pfu at > 10 MeV)
'Major'	proton event expected	(100pfu at >100 MeV)
'IP'	proton event in progress	(>10 MeV)
'Warning'	(activity levels are expected to increase, but no numerical forecast given)	
'/'	no forecast available	

STRATWARM ALERTS

STRATALERT BERLIN 06 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE. WARM REGION OVER CENTRAL ASIA IN THE MIDDLE AND UPPER STRATOSPHERE, WEAKENING WITHIN THE NEXT 5-DAYS.

STRATALERT BERLIN 07 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE. WARM REGION OVER SIBERIA IN THE MIDDLE AND UPPER STRATOSPHERE, WEAKENING WITHIN THE NEXT 5-DAYS.

STRATALERT BERLIN 08 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
WARM REGION OVER EASTERN ASIA AND SIBERIA IN THE MIDDLE AND UPPER STRATOSPHERE, WEAKENING WITHIN THE NEXT 5-DAYS. COLD EARLY WINTER CONDITOINS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 09 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
WARM REGION OVER EASTERN ASIA AND SIBIERA IN THE MIDDLE AND UPPER STRATOSPHERE. COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 10 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
WARM REGION OVER EASTERN ASIA AND SIBERIA IN THE MIDDLE AND UPPER STRATOSPHERE. COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 11 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
WARM REGION OVER EASTERN ASIA AND SIBERIA IN THE MIDDLE AND UPPER STRATOSPHERE. COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 12 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
A WARMING OVER EASTERN ASIA AND SIBERIA IN THE MIDDLE AND UPPER STRATOSPHERE.
COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 13 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
A WARMING OVER ASIA AND SIBERIA IN THE MIDDLE AND UPPER STRATOSPHERE.
COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 14 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
A WARMING OVER SIBERIA/EASTERN EUROPE IN THE MIDDLE AND UPPER STRATOSPHERE. COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 15 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
WARMING OVER SIBERIA/EUROPE IN THE MIDDLE AND UPPER STRATOSPHERE, INTENSIFYING. COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 16 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
WARMING OVER SIBERIA/EUROPE IN THE MIDDLE AND UPPER STRATOSPHERE, INTENSIFYING. COLD EARLY WINTER CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 17 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
INTENSE MINOR WARMING OVER NORTHERN ASIA IN THE MIDDLE AND UPPER STRATOSPHERE. STILL UNDISTURBED CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 18 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
INTENSE MINOR WARMING OVER SIBERIA /EASTERN EUROPE IN THE MIDDLE AND UPPER STRATOSPHERE. STILL UNDISTURBED CONDITIONS IN THE LOWER STRATOSPHERE.

A L E R T P E R I O D S
The International Space Environment Service

DECEMBER 2003

STRATALERT BERLIN 19 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
INTENSE MINOR WARMING OVER SIBERIA/EASTERN EUROPE IN THE MIDDLE AND UPPER STRATOSPHERE. STILL UNDISTURBED CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 20 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
INTENSE MINOR WARMING OVER SIBERIA/EUROPE IN THE MIDDLE AND UPPER STRATOSPHERE. STILL UNDISTURBED CONDITIONS IN THE LOWER STRATOSPHERE.

STRATALERT BERLIN 21 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
INTENSE WARMING OVER SIBERIA/EUROPE CONTINUES IN THE UPPER STRATOSPHERE. STILL UNDISTURBED CONDITIONS IN THE LOWER STRATOSPHERE UP TO 10HPA.

STRATALERT BERLIN 22 DECEMBER 2003 1400 UTCSTRATALERT EXISTS.
INTENSE WARMING OVER SIBERIA /EUROPE CONTINUES IN THE UPPER STRATOSPHERE, WITH RELATIVELY UNDISTURBED CONDITIONS IN THE LOWER STRATOSPHERE UP TO 10 HPA.

STRATALERT BERLIN 23 DECEMBER 2003 1400 UTCSTRATALERT EXISTS.
INTENSE WARMING OVER SIBERIA/EUROPE CONTINUES, TEMPERATURE GRADIENT REVERSED FROM 10HPA UPWARDS.

STRATALERT BERLIN 24 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
INTENSE WARMING OVER SIBERIA/EUROPE CONTINUES , WITH THE TEMPERATURE GRADIENT BETWEEN 60N AND THE POLE REVERSED FROM 10HPA UPWARDS.
THE NEXT STRATALERT WILL BE AVAILABLE ON 26 DECEMBER.

STRATALERT BERLIN 26 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
INTENSE WARMING OVER SIBERIA/ NORTHERN EUROPE CONTINUES, WITH THE TEMPERATURE GRADIENT BETWEEN 60N AND THE POLE REVERSED FROM 10 TO 3 HPA. AT 1 HPA, THE MEAN ZONAL WIND AT 60N IS FROM THE EAST. WITHIN THREE DAYS THE WARM REGION PROPAGATES DOWN TO 30 HPA OVER EASTERN SIBERIA.

STRATALERT BERLIN 27 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
INTENSE WARMING WEAKENING IN THE UPPER LEVELS, INTENSIFYING AT 10 HPA, PROPAGATING DOWN TO THE LOWER STRATOSPHERE WITHIN 3 DAYS. AT 2 HPA, THE MEAN ZONAL AT 60N IS FROM THE EAST.

STRATALERT BERLIN 28 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
REVERSED TEMPERATURE GRADIENT BETWEEN 10 AND 2HPA. EASTERLY WINDS AT 3HPA AND ABOVE.

STRATALERT BERLIN 29 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
THERE IS A REVERSED TEMPERATURE GRADIENT ON 50HPA AND ABOVE AND THERE ARE EASTERLIES AT 1HPA.

STRATALERT BERLIN 30 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
WARM AIR COVERS NORTHEASTERN SIBERIA AND CANADA AT THE LOWER LEVELS AND EUROPE AND WESTERN ASIA AT THE UPPER LEVELS, THE LATTER INTENSIFYING, MOVING NORTHEASTWARDS, AND PENETRATING DOWNWARDS.

STRATALERT BERLIN 31 DECEMBER 2003 1400 UTC STRATALERT EXISTS.
WARM AIR COVERS NORTHEASTERN SIBERIA AND CANADA AT THE LOWER LEVELS AND EASTERN EUROPE/WESTERN ASIA AT THE UPPER LEVELS, THE LATTER INTENSIFYING AND PENETRATING DOWNWARDS.