



**SLOVENSKÝ
HYDROMETEOROLOGICKÝ
ÚSTAV**

Bulletin

METEOROLÓGIA a KLIMATOLÓGIA

Slovenská republika



Ročník 18

2012

Číslo 9

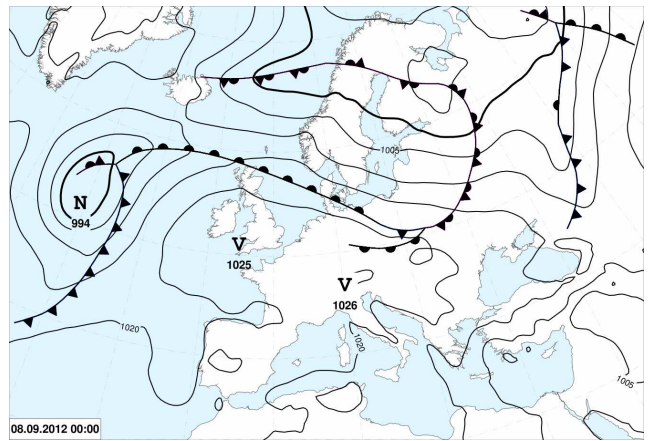
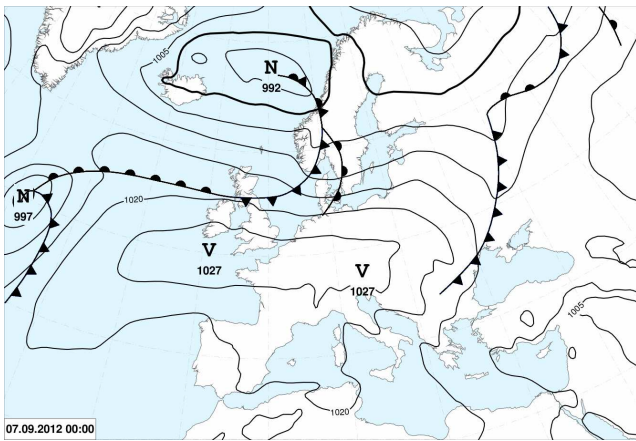
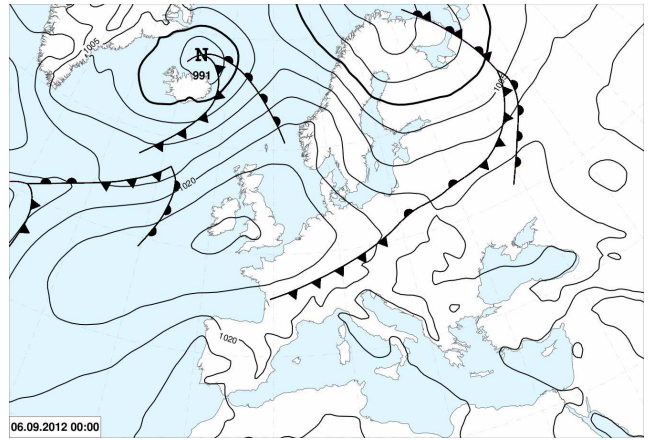
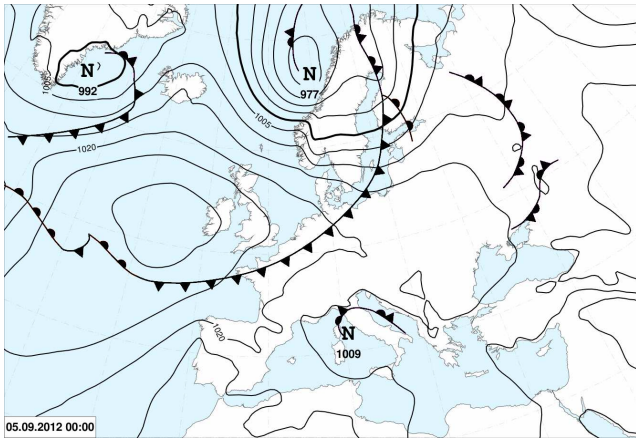
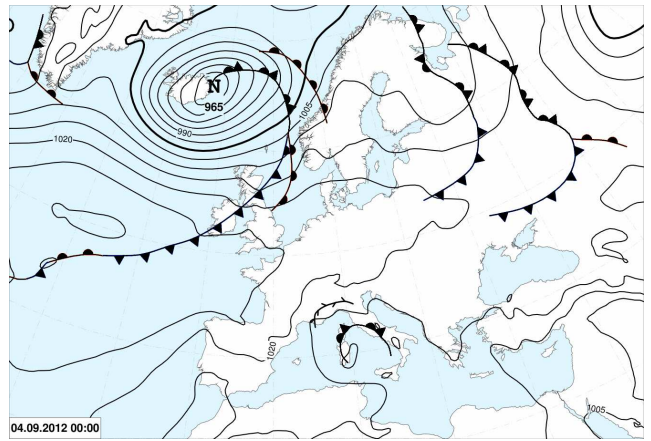
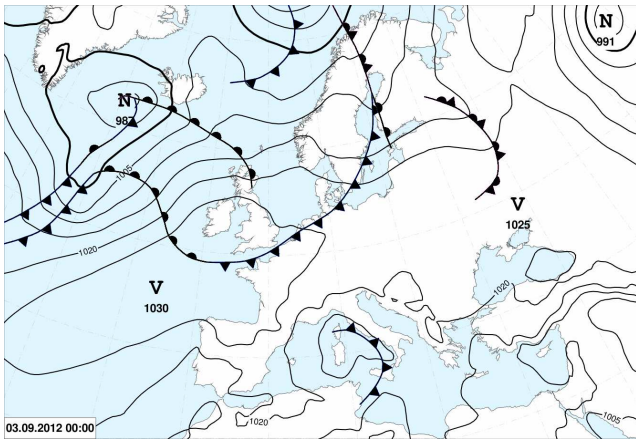
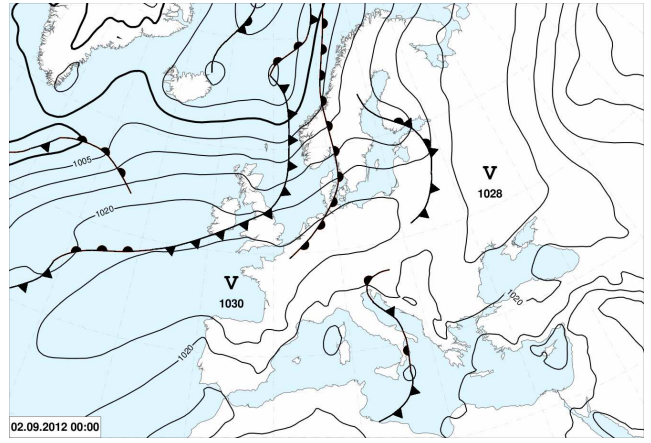
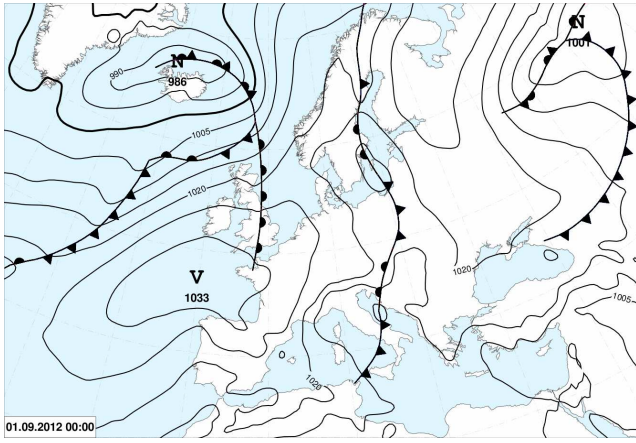
BULLETIN
METEOROLÓGIA A KLIMATOLÓGIA
SLOVENSKÁ REPUBLIKA

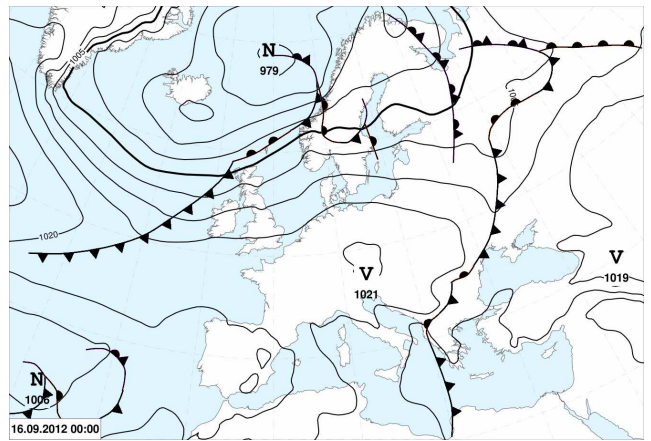
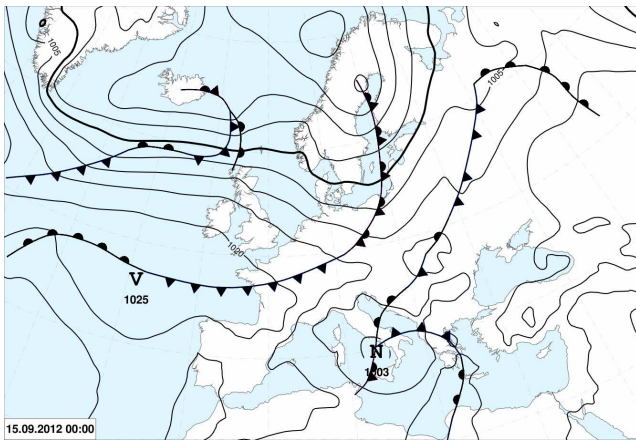
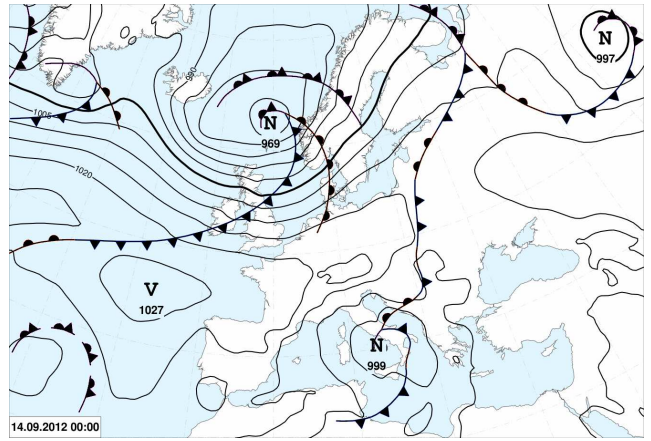
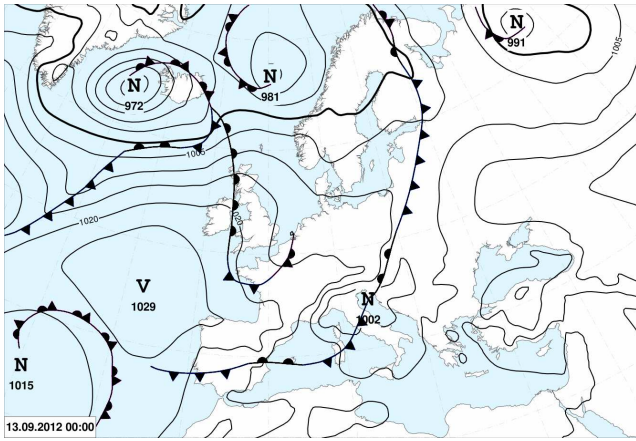
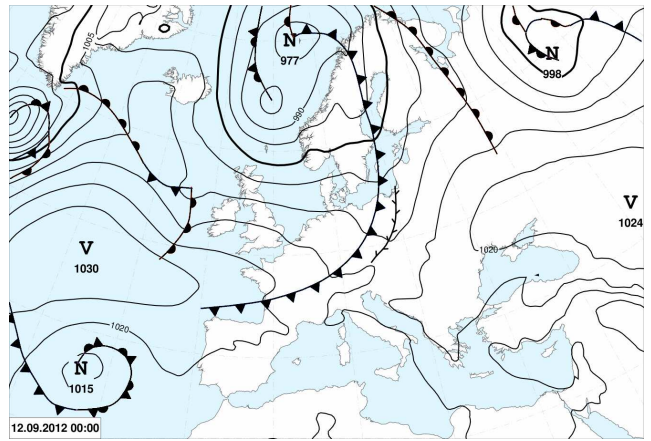
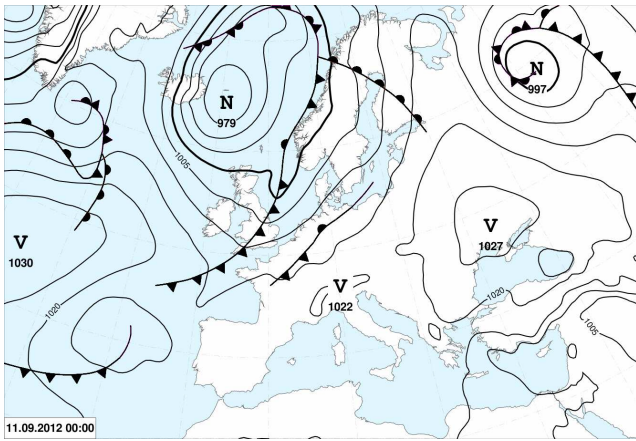
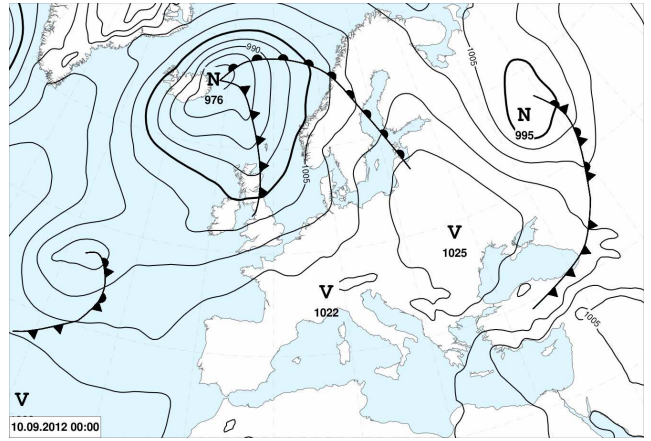
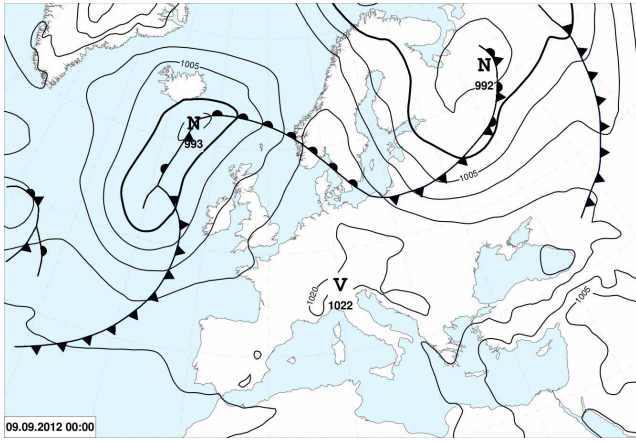
BULLETIN
METEOROLOGY AND CLIMATOLOGY
SLOVAK REPUBLIC

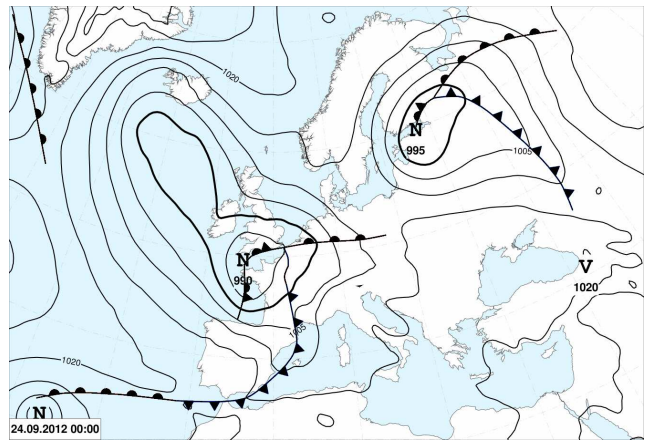
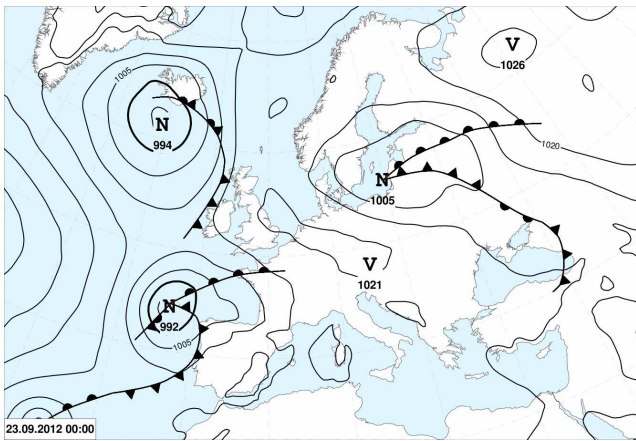
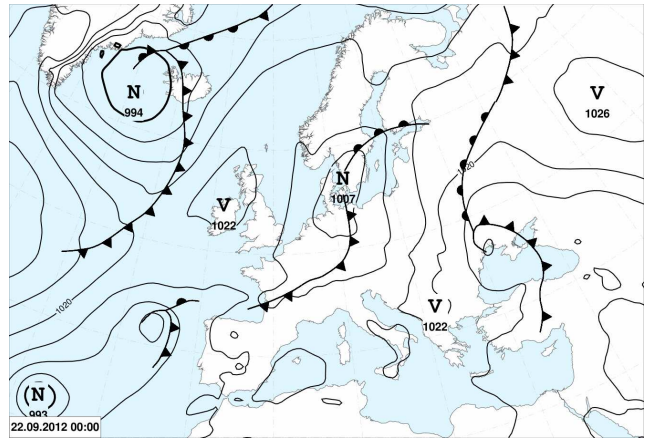
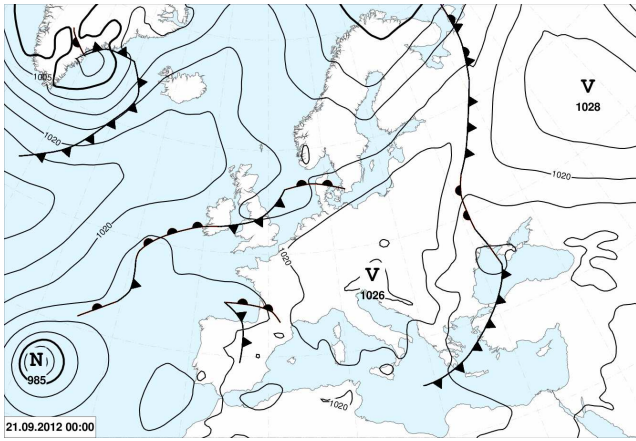
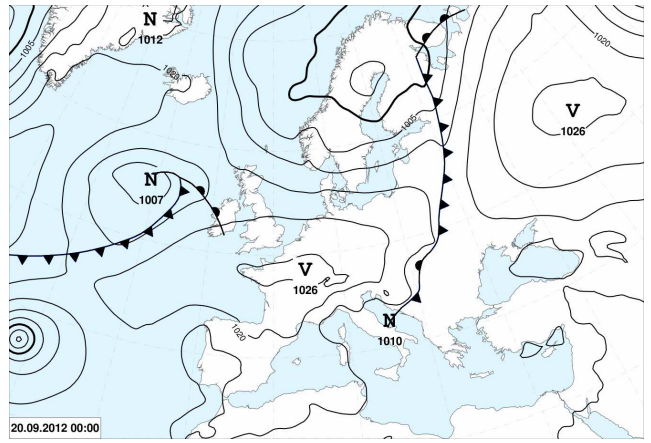
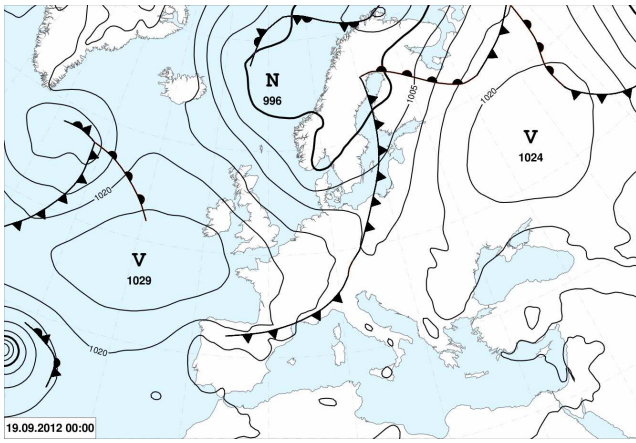
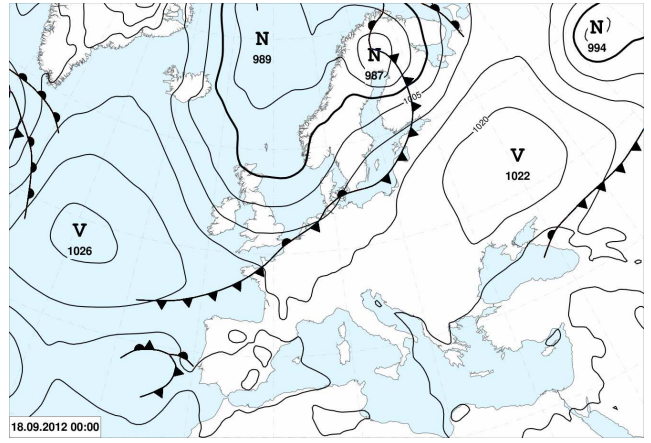
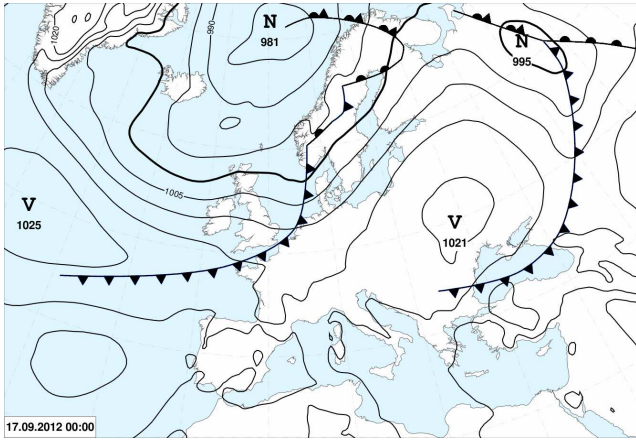
Synoptický prehľad za september 2012

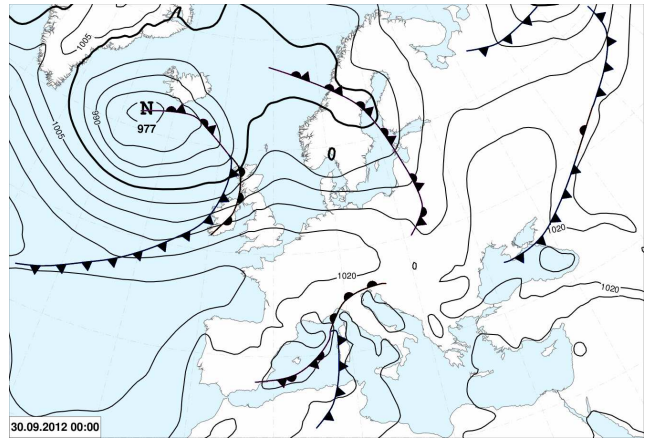
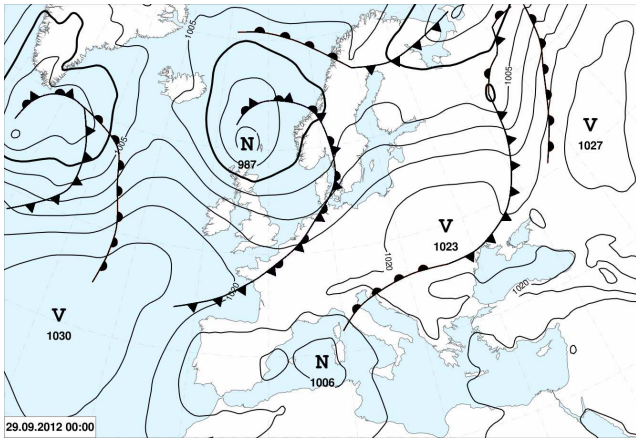
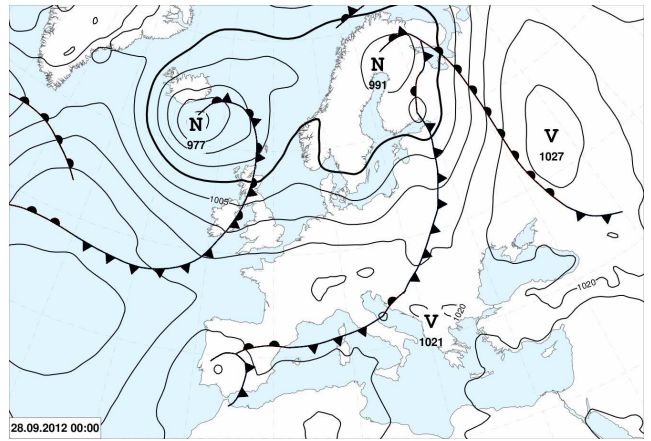
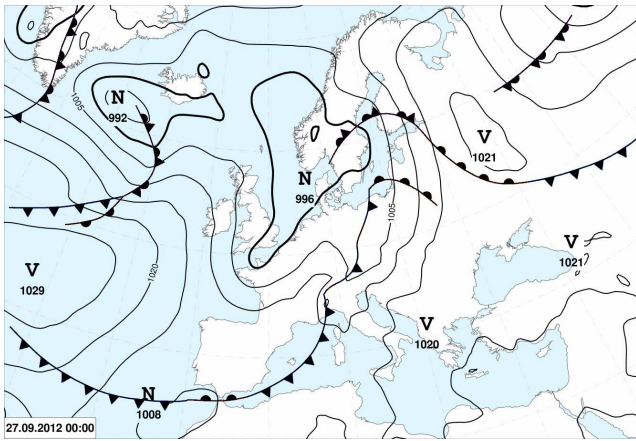
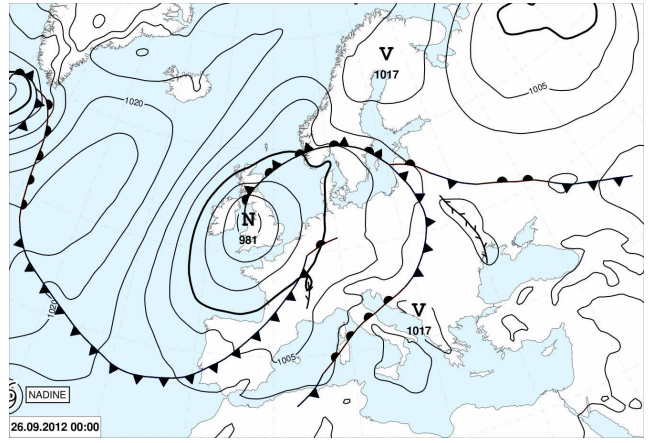
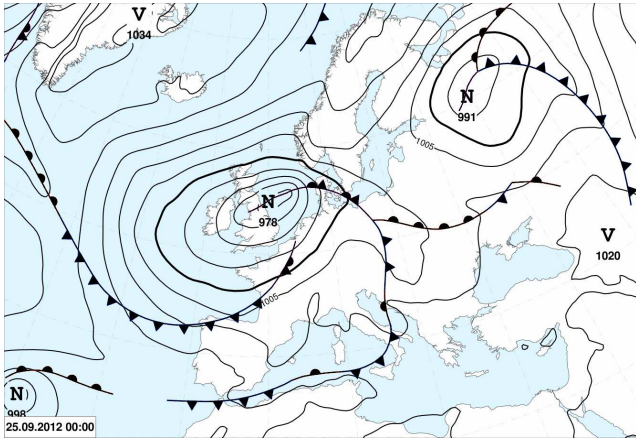
Description of synoptic situation in September 2012

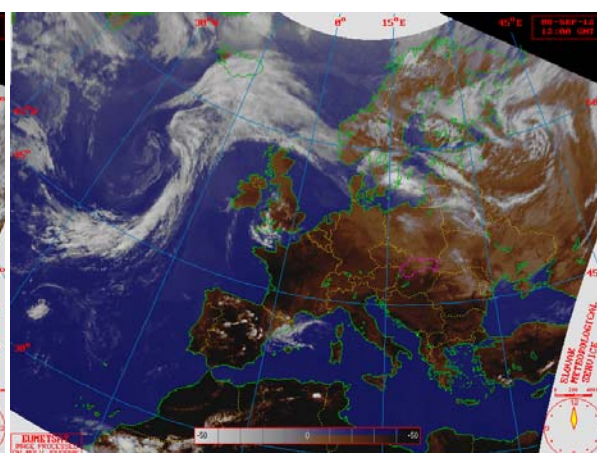
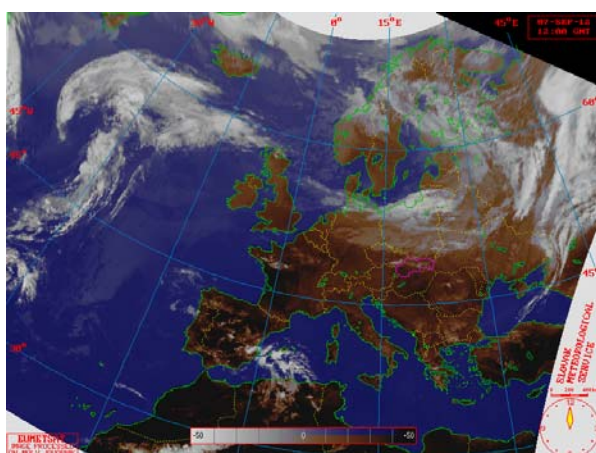
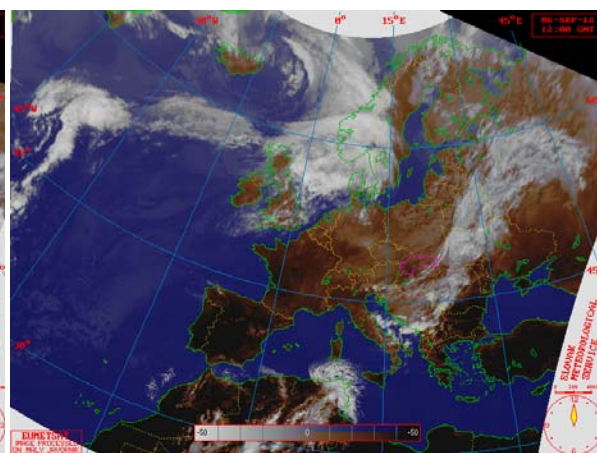
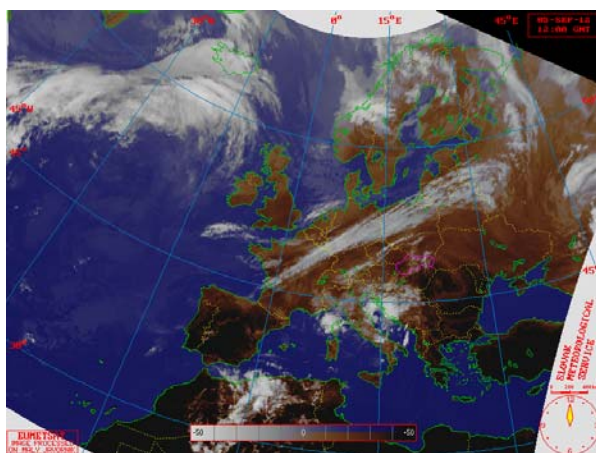
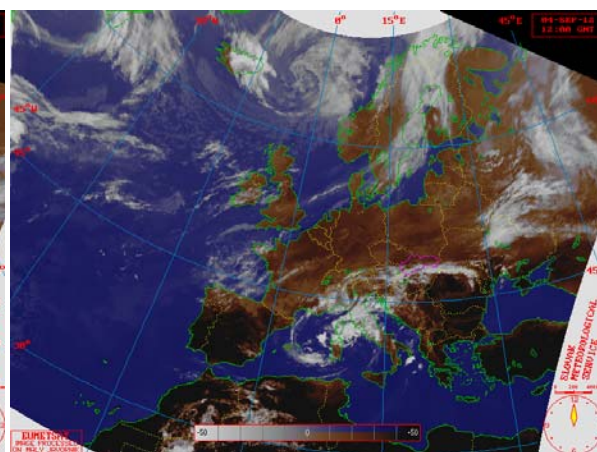
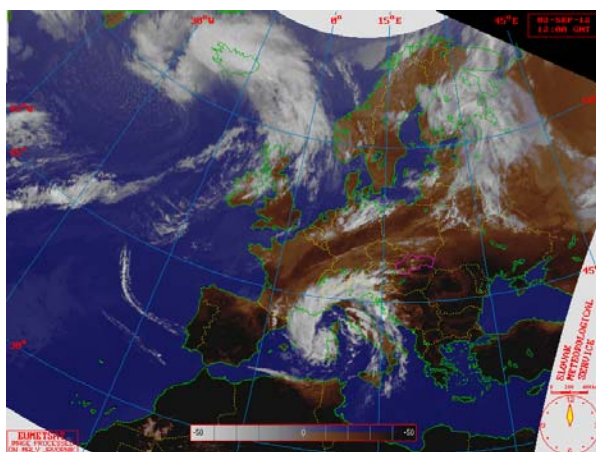
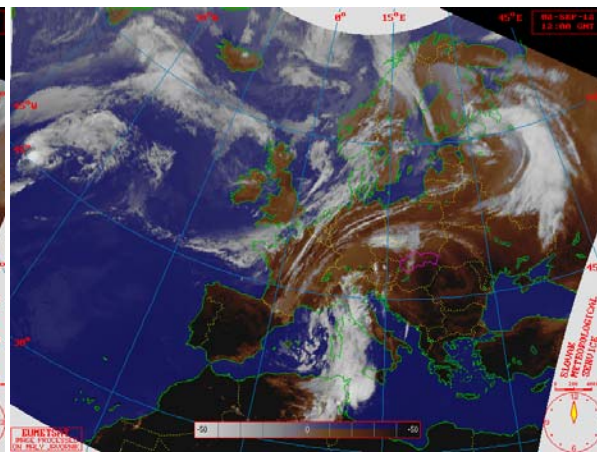
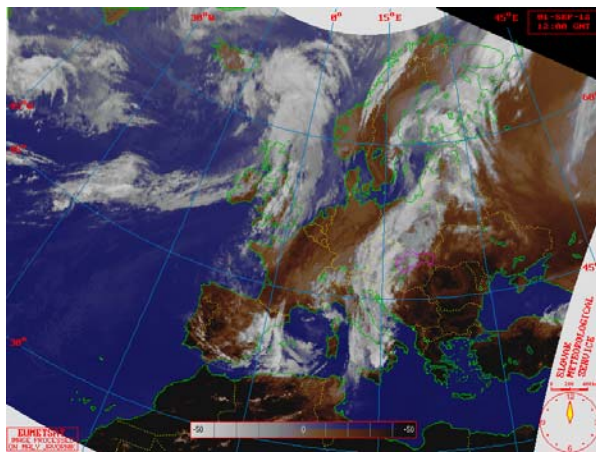
Dňa 1. 9. sa nad západným Slovenskom rozpadával studený front. Za ním sa od západu rozšírila až do 5. 9. tlaková výš. Nasledujúci deň prešiel cez naše územie studený front za ktorým sa v chladnom vzduchu presúvala cez strednú Európu tlaková výš. Od 10. 9. bol jej stred nad Ukrajinou a k nám sa obnovil prívlev veľmi teplého vzduchu. V noci na 13. 9. postúpil nad západ SR výrazný studený front, ktorý ešte dňa 14. 9. zotrval nad stredným Slovenskom a rozpadával sa. Za ním sa od západu rozšíril výbežok vyššieho tlaku vzduchu. Tlaková výš sa v nasledujúcich dňoch presúvala ďalej na východ a k nám začal prúdiť opäť teplý vzduch. V dňoch 19. a 20. 9. postupovala cez naše územie ďalej na východ plytká brázda nízkeho tlaku vzduchu so studeným frontom. Od 21. do 22. 9. opäť postupovala cez strednú Európu tlaková výš ďalej na východ. Dňa 23. 9. ovplyvnila počasie u nás plytká brázda nízkeho tlaku vzduchu s nevýrazným frontom. Nad Britskými ostrovmi sa postupne prehĺbila tlaková níz, po jej prednej strane k nám v dňoch 24. až 26. 9. prúdil teplý vzduch od juhozápadu. V dňoch 27. a 28. 9. postupoval cez Slovensko na východ studený front. Za ním v pokračujúcom juhozápadnom prúdení počasie u nás ovplyvňovali jednotlivé frontálne vlny.

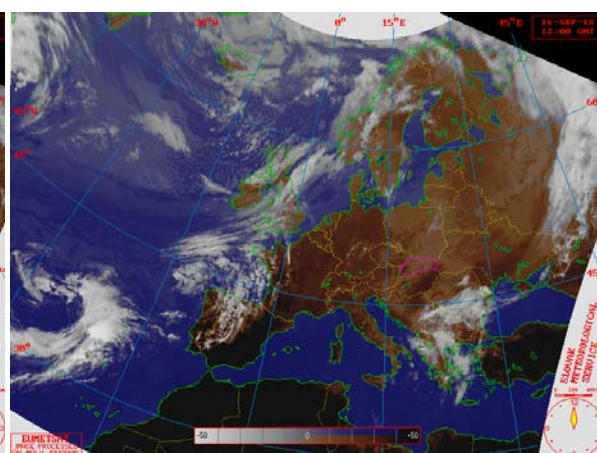
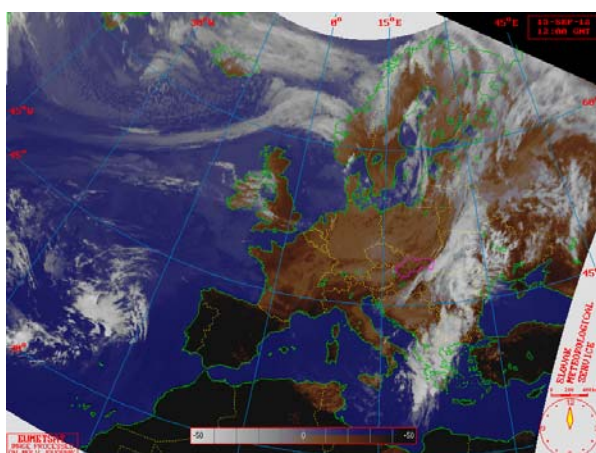
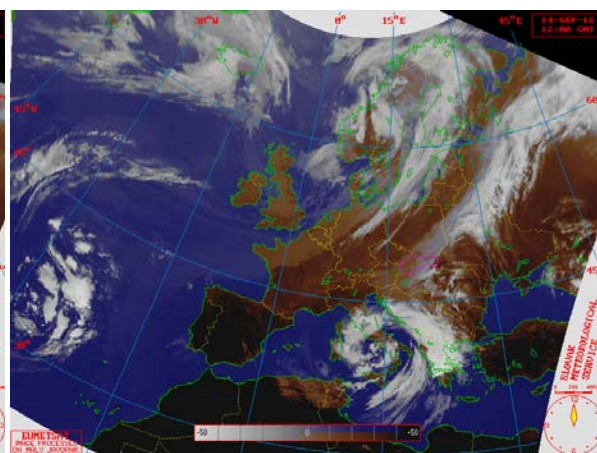
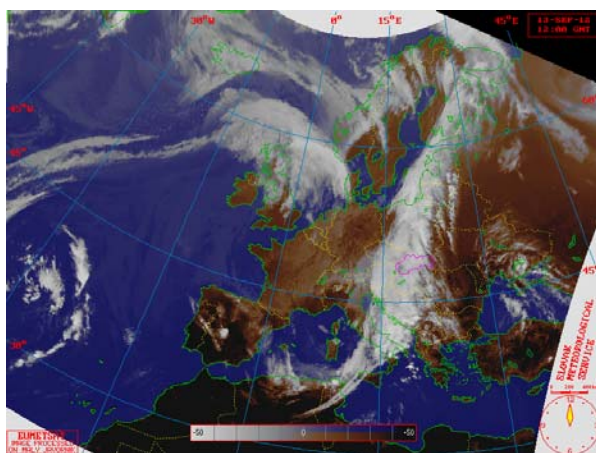
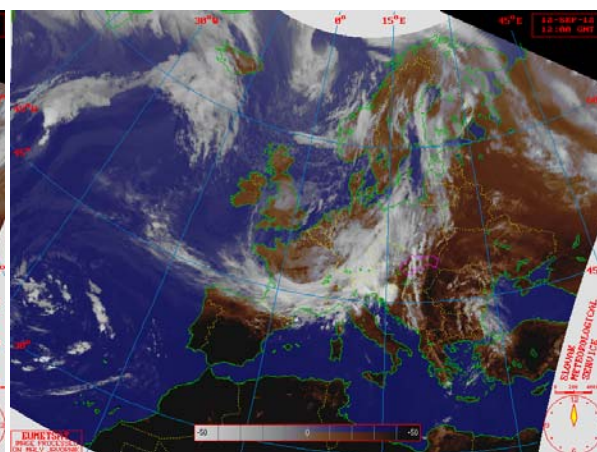
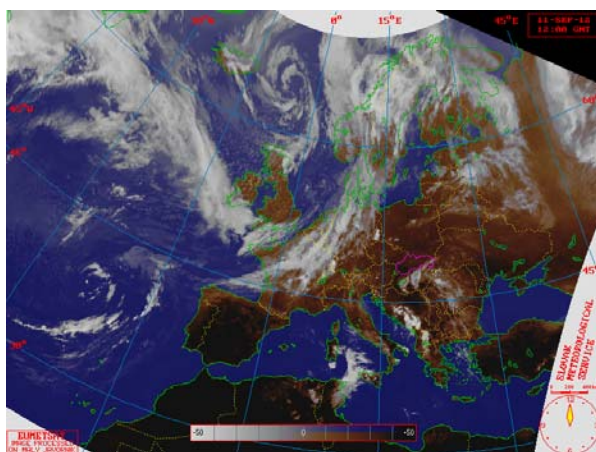
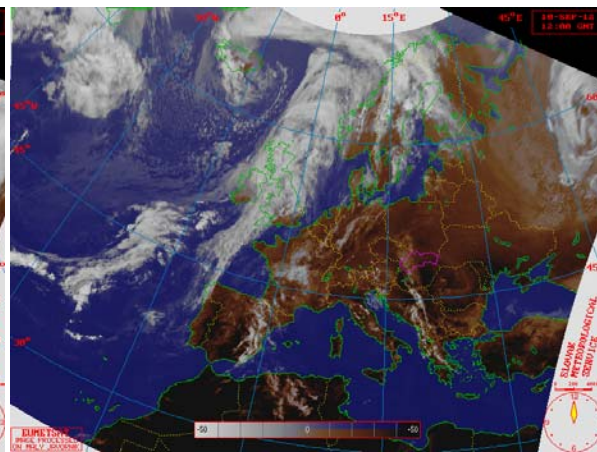
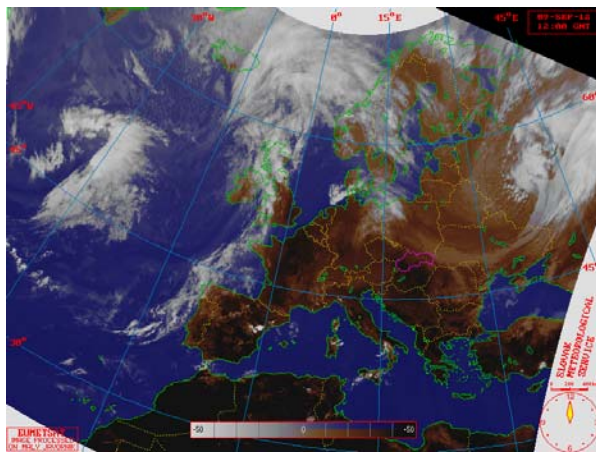


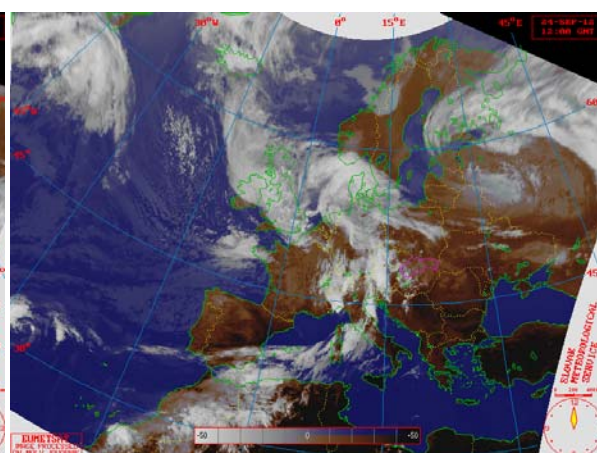
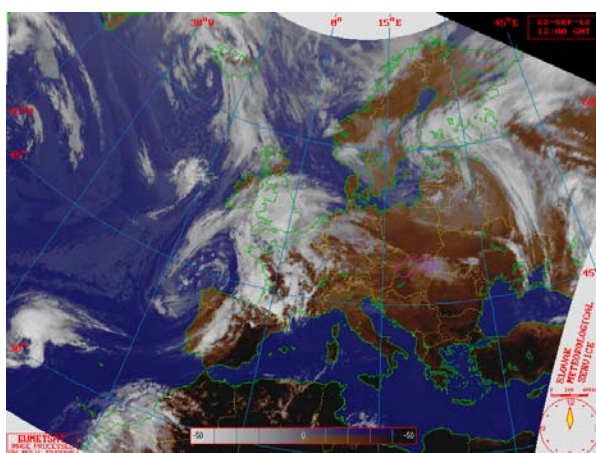
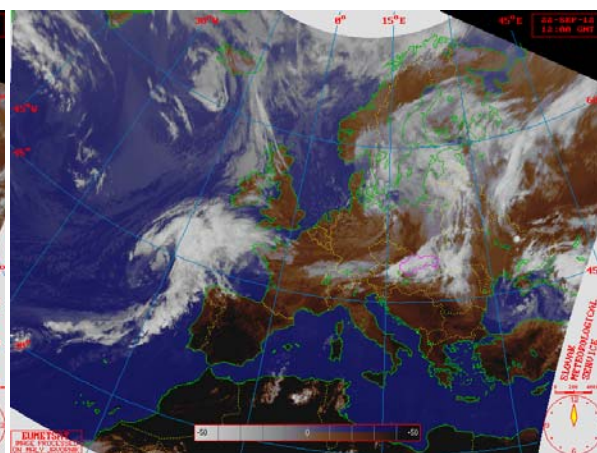
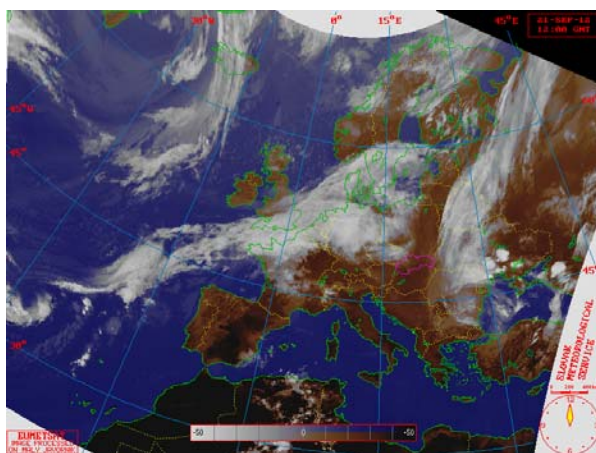
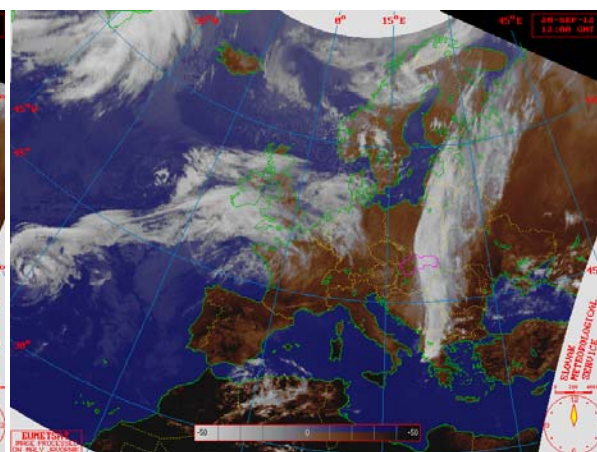
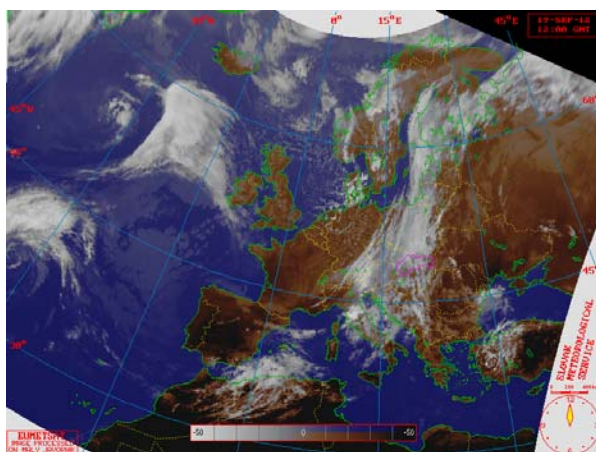
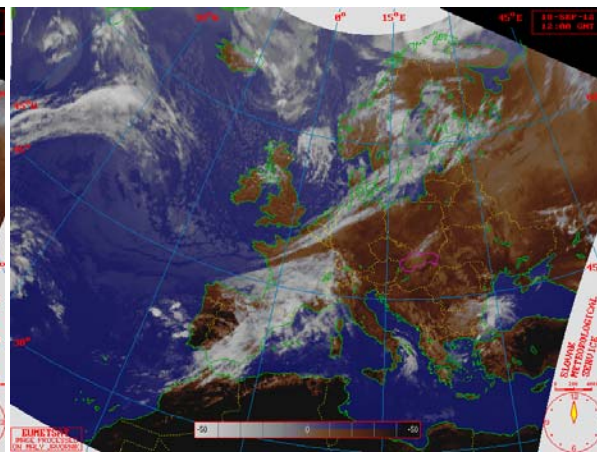
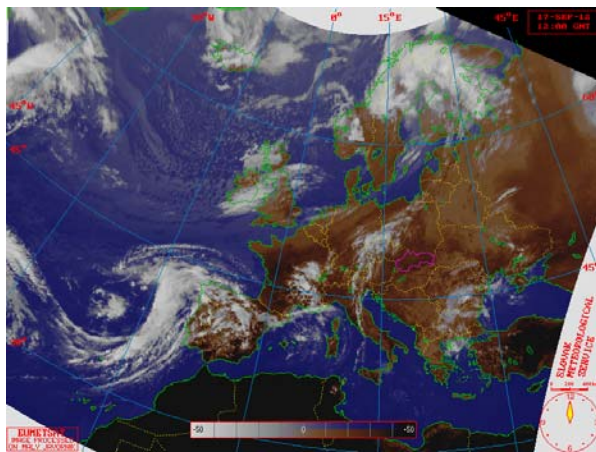


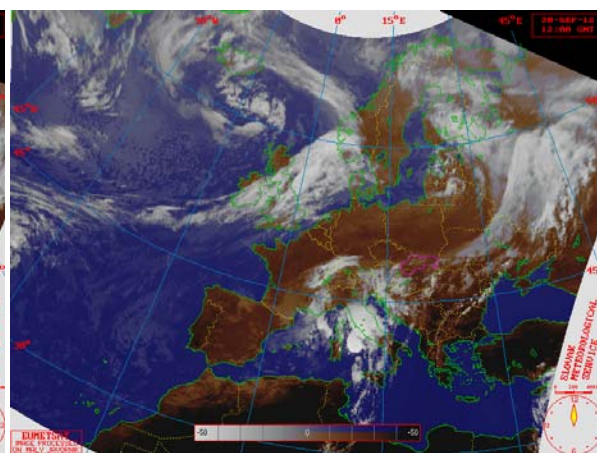
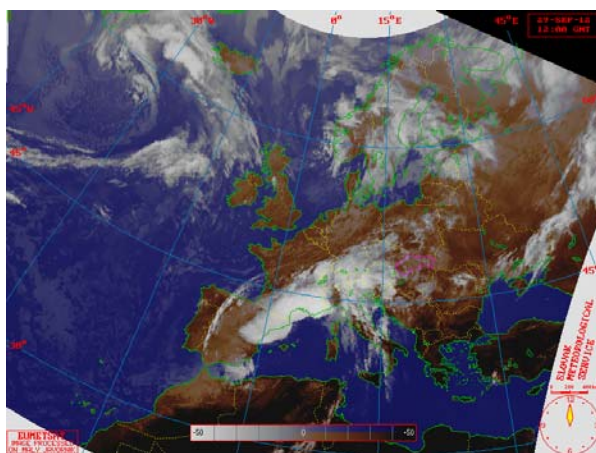
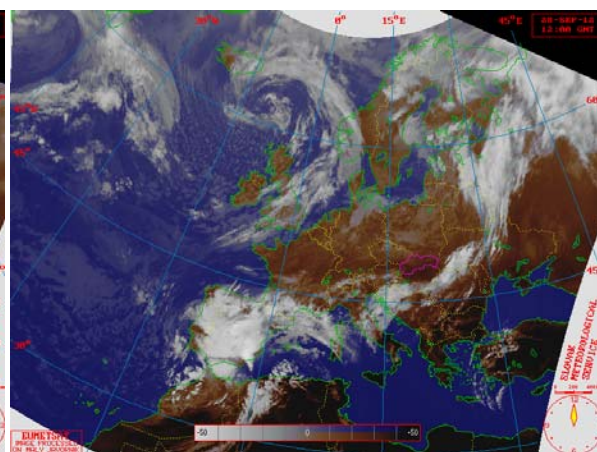
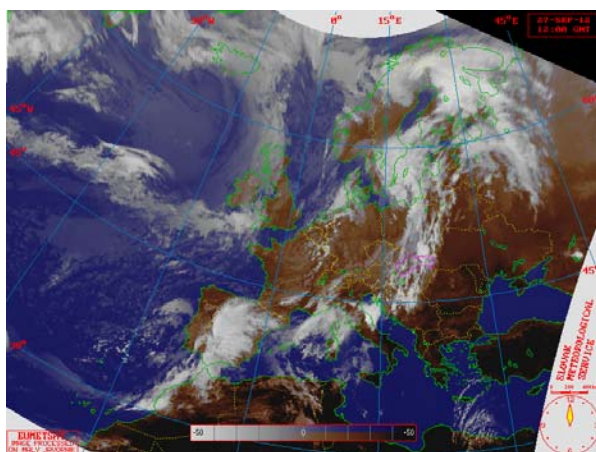
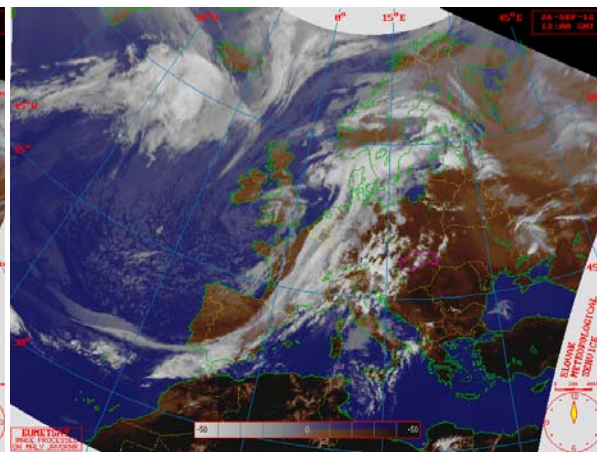
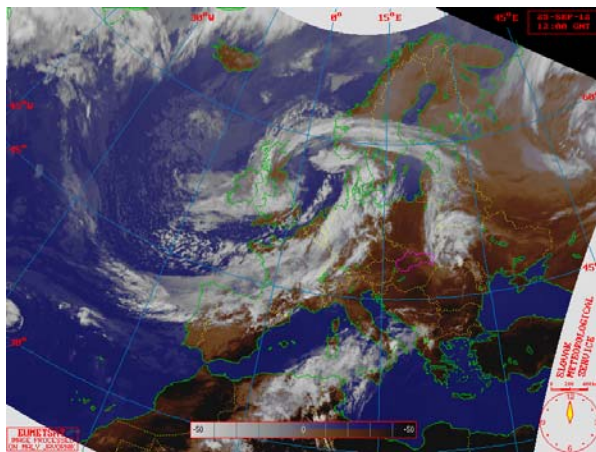




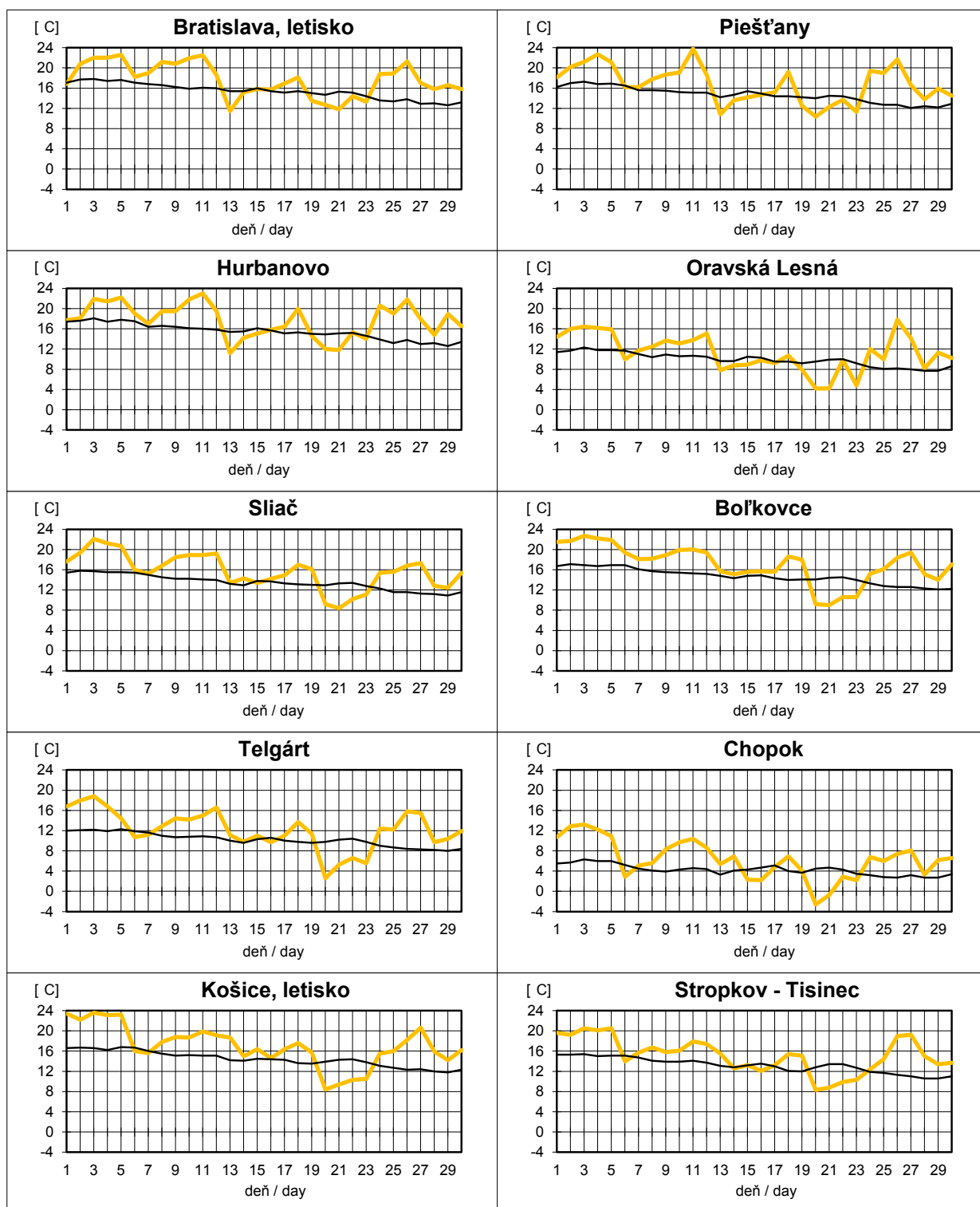








Priemerná denná teplota vzduchu na vybraných staniciach SR za 9/2012
Daily means of air temperature at selected stations of Slovakia during 9/2012

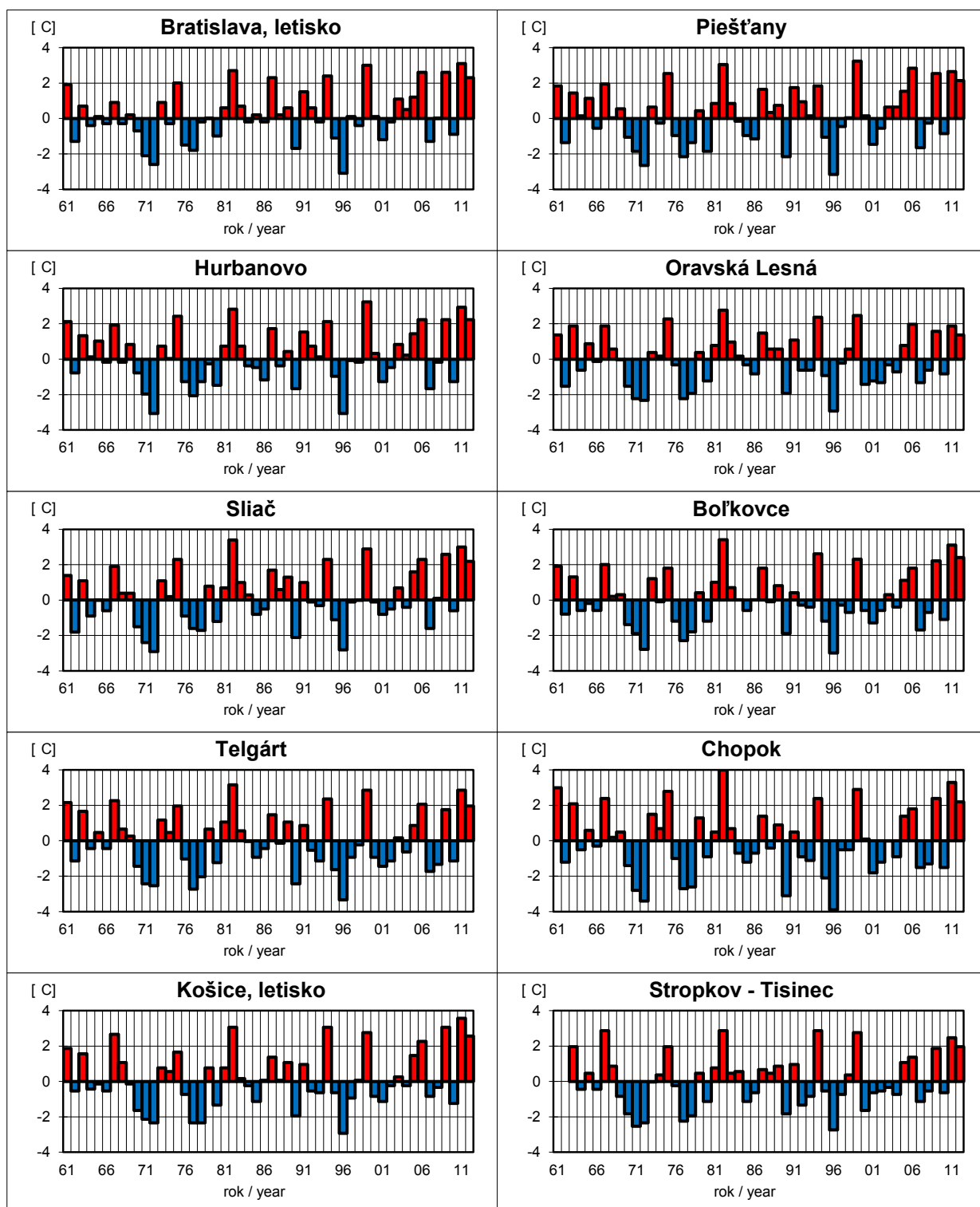


Legenda / Legend:

Čiary: **hrubá** - aktuálna hodnota mesiaca a dňa, **tenká** - denný priemer za 1961-1990

(September 2012 - **thick** line, normal 1961-1990 - **thin** line)

Odchýlky septembrovej teploty vzduchu od normálu 1961-1990 v SR
Deviations of September temperature from normal 1961-1990 in Slovakia

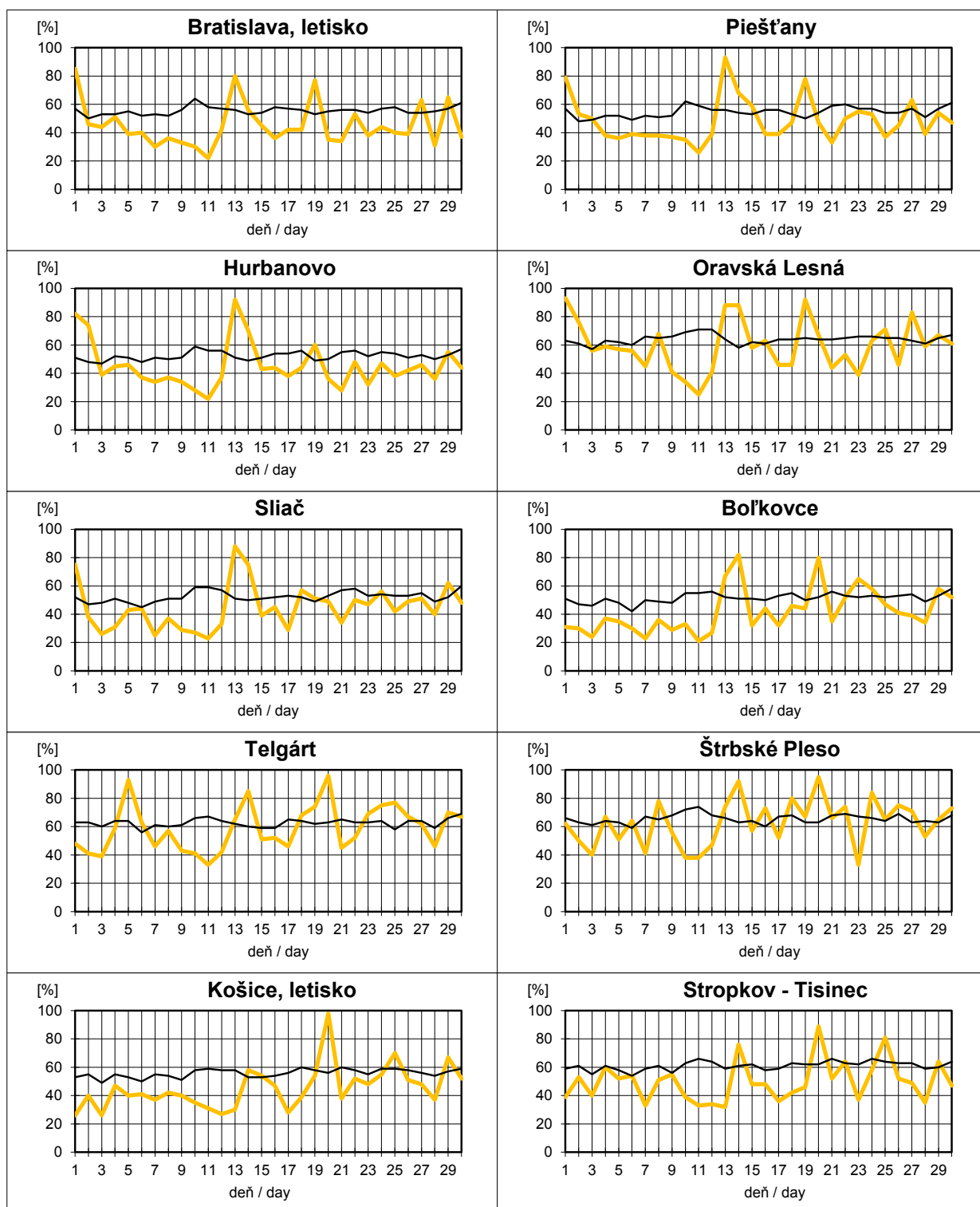


Poznámka / Note:

61 = rok/year 1961

01 = rok/year 2001

Denná relatívna vlhkosť vzduchu o 14. h na vybraných staniciach SR za 9/2012
Daily relative air humidity at 2 PM at selected stations of Slovakia during 9/2012

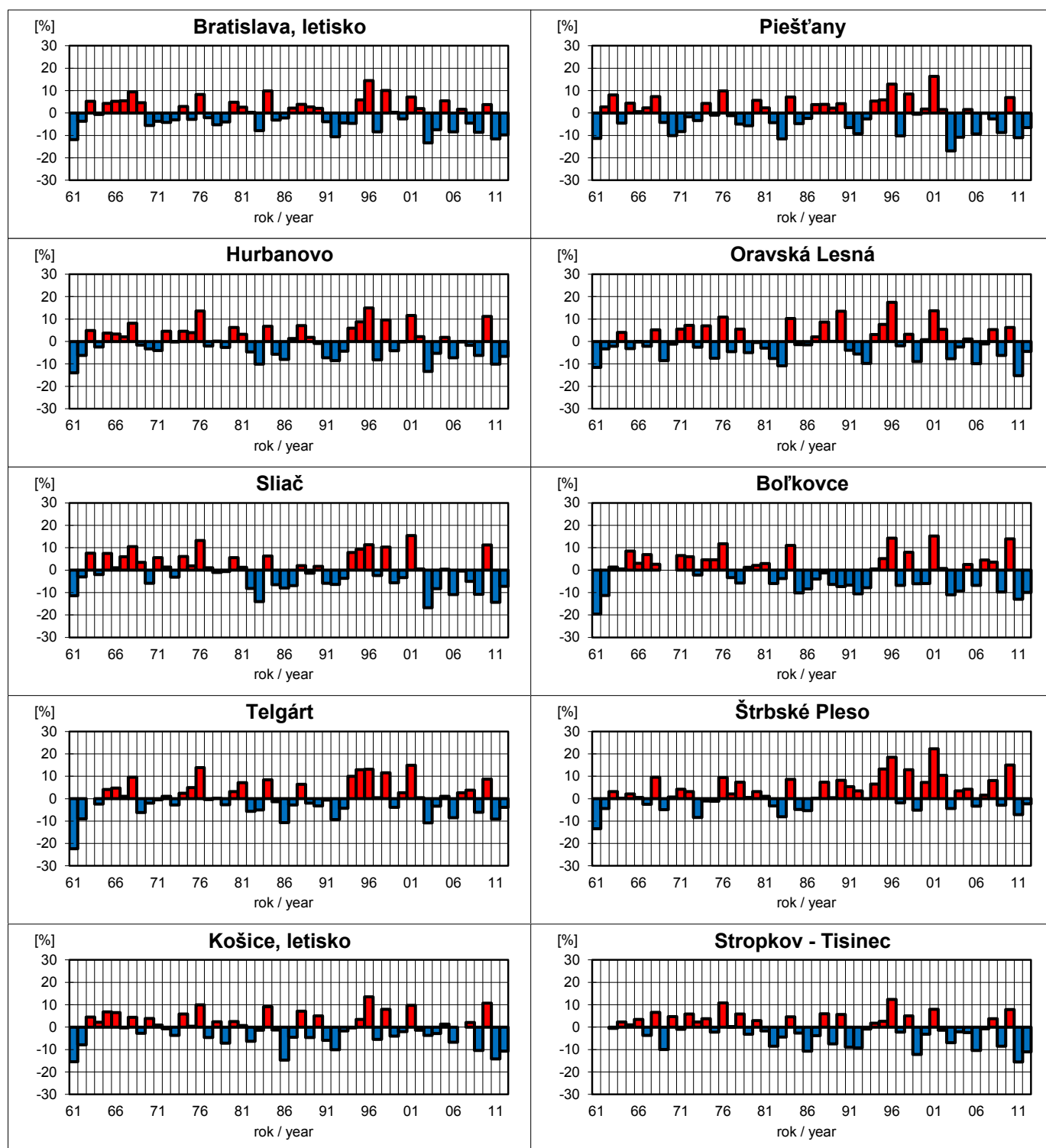


Legenda / Legend:

Čiary: **hrubá** - aktuálna hodnota mesiaca a dňa, **tenká** - denný priemer za 1961-1990

(September 2012 - **thick** line, normal 1961-1990 - **thin** line)

Absolútne odchýlky septembrovej relatívnej vlhkosti vzduchu o 14. h od normálu 1961-1990 v SR
Absolute deviations of September relative air humidity at 2 PM from normal 1961-1990 in Slovakia

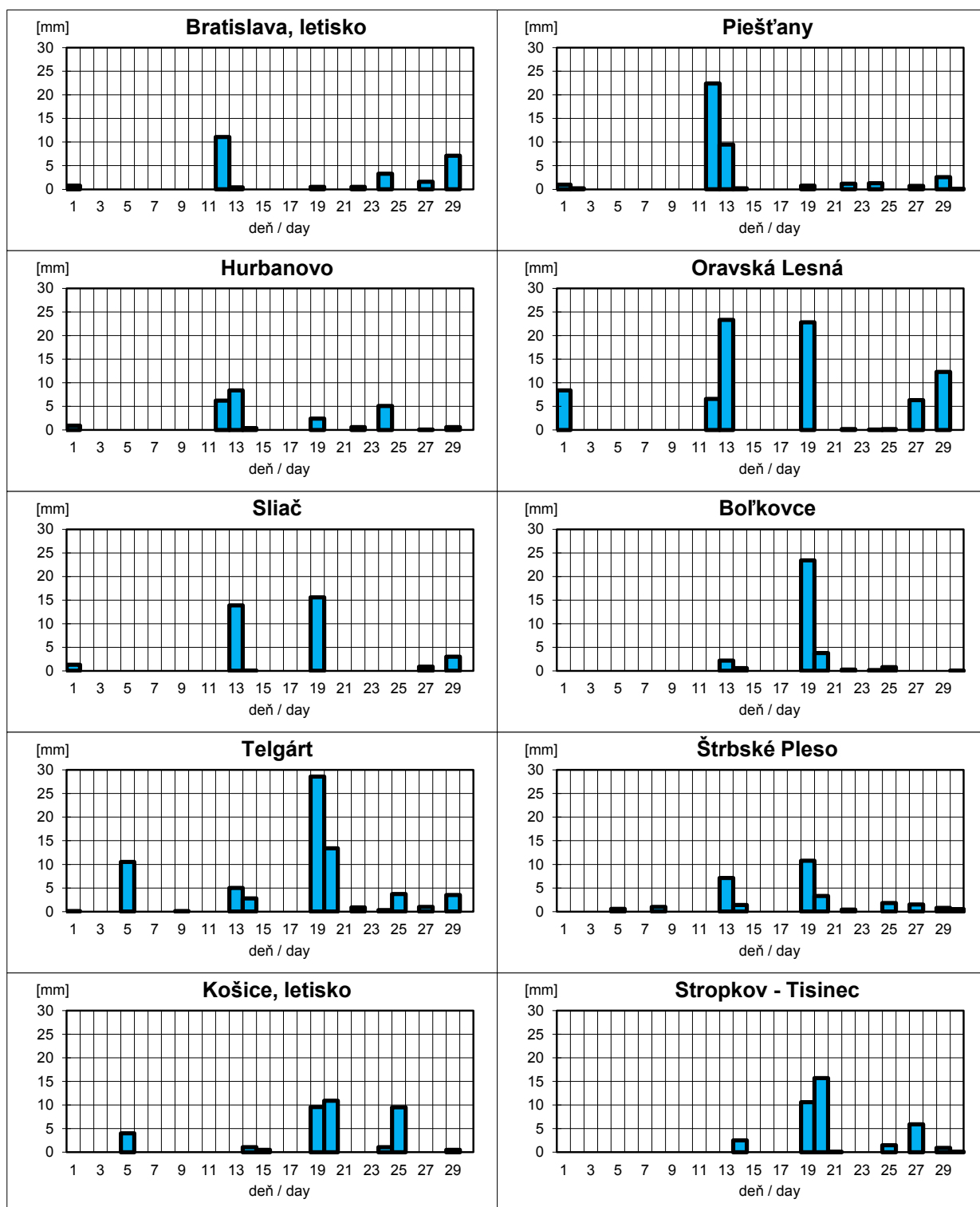


Poznámka / Note:

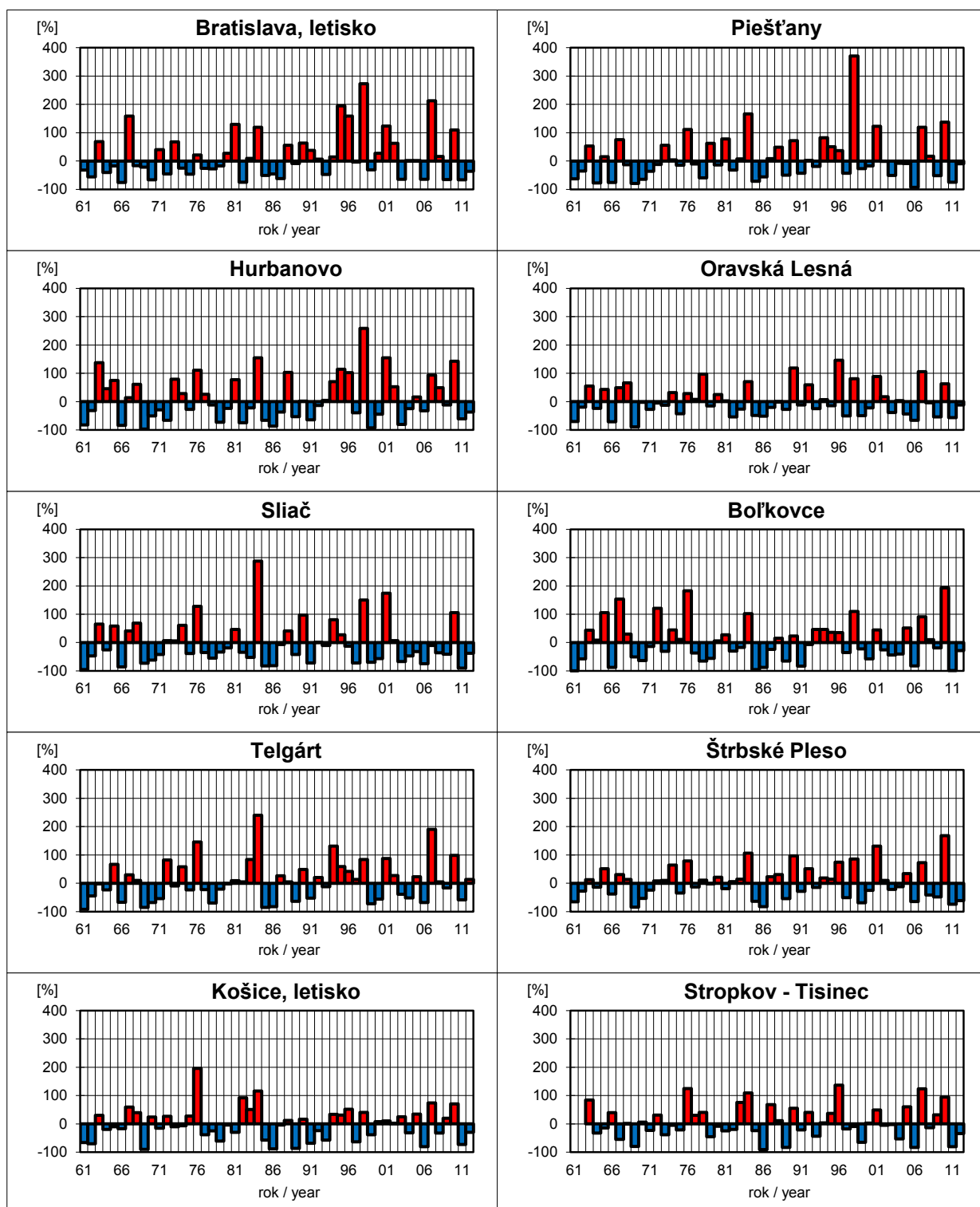
61 = rok/year 1961

01 = rok/year 2001

Denné úhrny atmosférických zrážok na vybraných staniciach SR za 9/2012
Daily precipitation totals at selected stations of Slovakia during 9/2012



Odchýlky septembrových atmosférických zrážok od normálu 1961-1990 v SR
Deviations of September precipitation from normal 1961-1990 in Slovakia

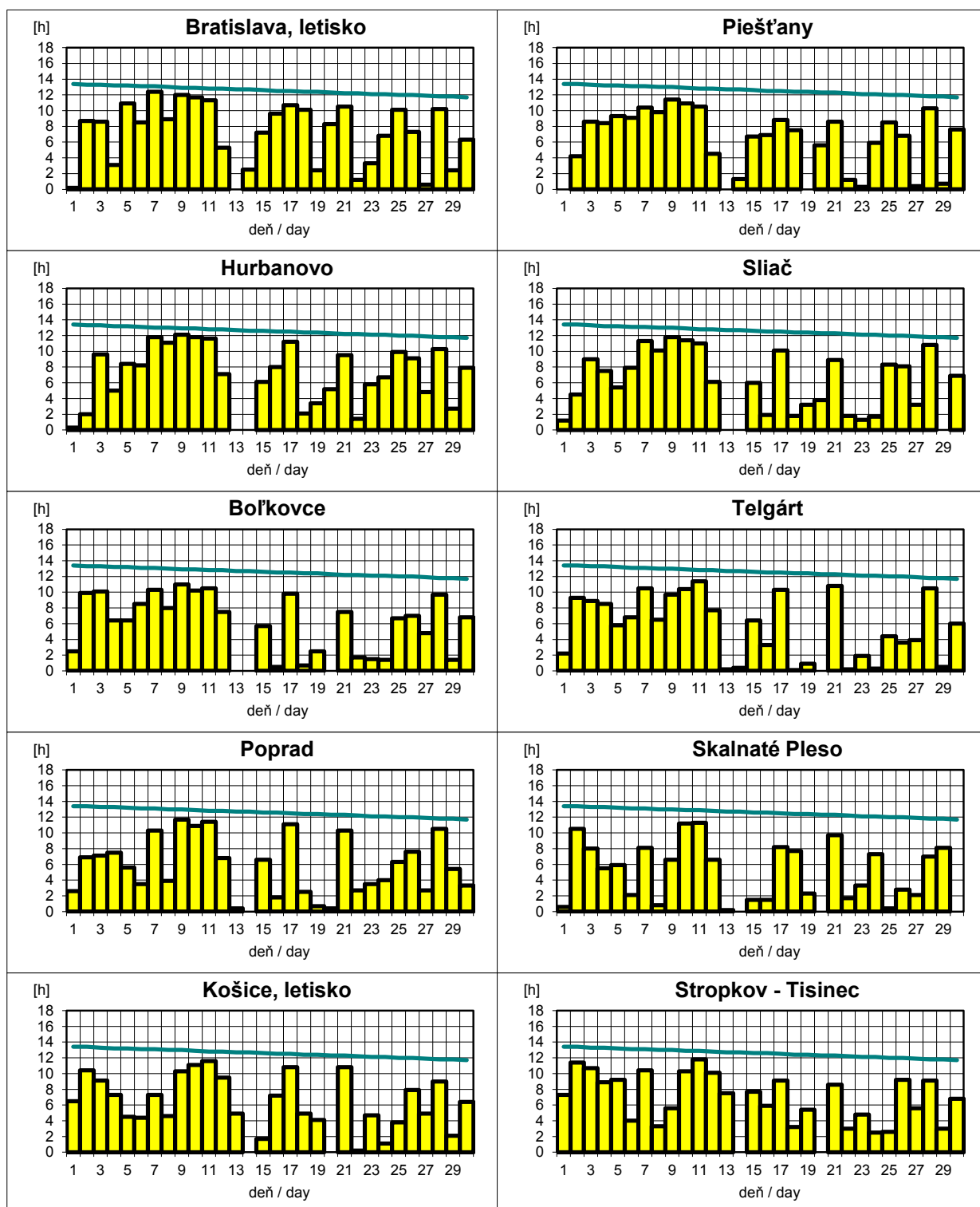


Poznámka / Note:

61 = rok/year 1961

01 = rok/year 2001

Trvanie skutočného a astronomického slnečného svitu na vybraných staniciach SR v 9/2012
Real and astronomical sunshine duration at selected stations of Slovakia during 9/2012

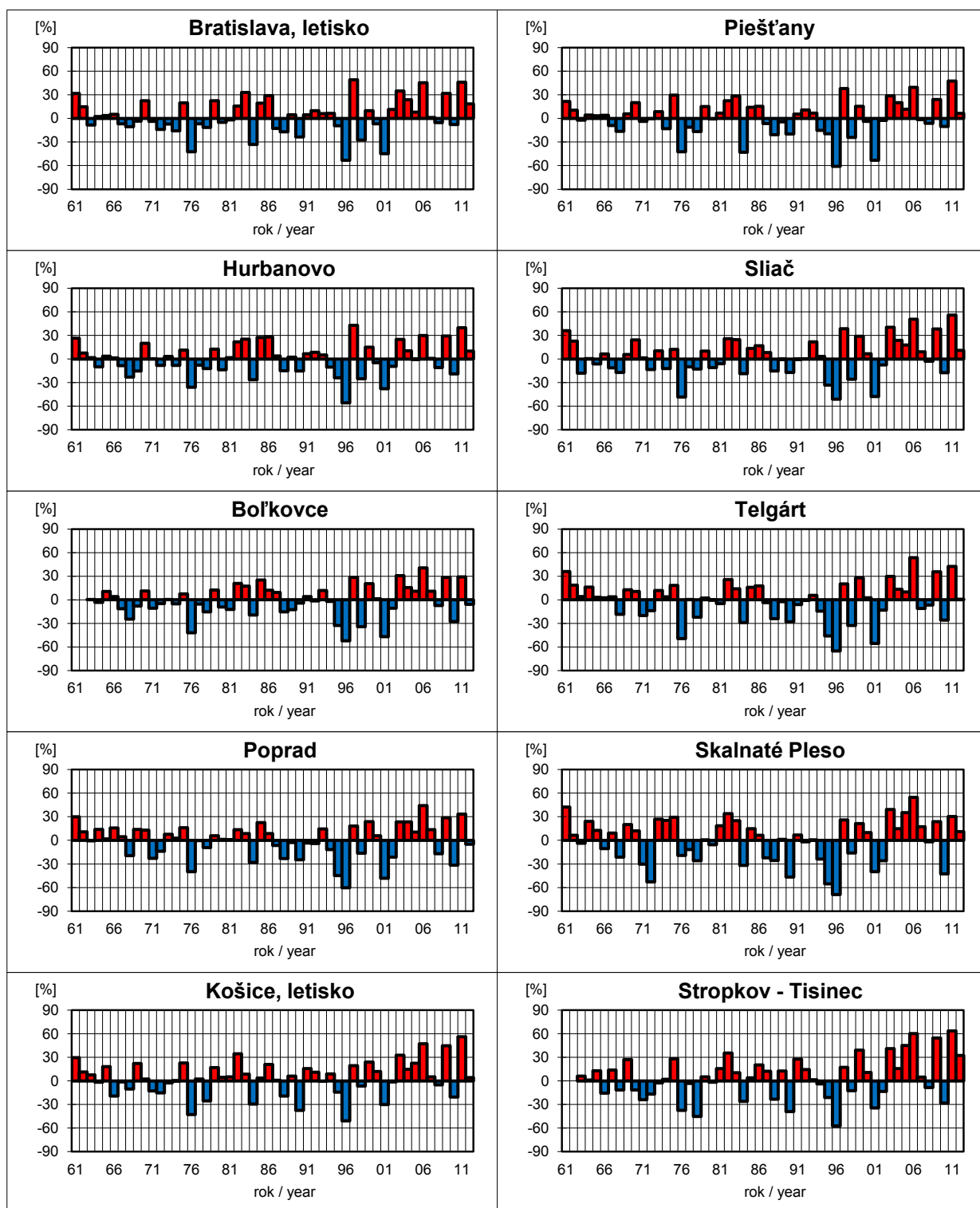


Legenda / Legend:

Čiara/Line: astronomické trvanie slnečného svitu/astronomical sunshine duration

Stĺpec/Column: skutočné trvanie slnečného svitu/real sunshine duration

Odchýlky septembrového trvania slnečného svitu od normálu 1961-1990 v SR
Deviations of September sunshine duration from normal 1961-1990 in Slovakia



Poznámka / Note:

61 = rok/year 1961

01 = rok/year 2001

Tab. 1

Klimatologické zhodnotenie / Climatic review

Obdobie: september 2012 / Period: September 2012

Stanica	Okres	N.V.	Teplota vzduchu								Zrážky					Tepl. pôdy			Sln. svit	
			Air temperature								Precipitation					Soil Temp.			Sunshine	
Station	District	Alt	Tm	D	Amax	Deň	Amin	Deň	Tminz	Deň	RR	RR%	RRmax	Deň	0.1	TPm	Max	Min	SS	SS%
Bratislava, Koliba	BA	286	17.2	1.8	32.4	11	7.3	21	-1.0	21	29.9	64	14.4	12	8	18.6	23.9	12.8	214.5	116
Bratislava, letisko	BA	131	17.7	2.3	31.6	11	4.1	21	0.5	21	25.2	63	11.1	12	8	-	-	-	211.1	119
Piešťany	PN	165	16.8	2.1	31.0	11	3.3	21	-0.4	21	40.0	90	22.4	12	11	-	-	-	184.6	107
Nitra	NR	135	17.4	-	31.6	5	2.2	21	-0.4	21	28.2	-	8.1	12	10	-	-	-	187.3	-
Hurbanovo	KN	115	17.7	2.2	31.8	11	2.6	21	-2.1	21	24.7	63	8.4	13	9	18.8	26.3	10.9	202.8	110
Dolný Hričov	ZA	309	14.7	-	29.8	11	2.0	22	-1.1	22	48.3	-	16.3	13	9	16.6	23.5	10.0	167.7	-
Čadca	CA	423	13.0	0.8	28.8	11	1.0	7	0.2	7	77.8	111	24.4	13	10	-	-	-	-	-
Prievidza	PR	260	16.4	-	31.4	4	2.4	21	-0.6	21	46.6	93	15.2	13	11	17.2	24.1	11.4	180.7	-
Oravská Lesná	NO	780	11.3	1.4	26.4	11	-1.7	21	-3.6	21	80.2	89	23.3	13	9	-	-	-	161.3	-
Dudince	KA	139	16.7	-	33.4	3	0.8	21	-2.2	21	34.4	-	13.8	19	8	18.9	25.6	12.7	203.8	-
Sliač	ZV	313	15.7	2.2	32.6	3	0.7	21	-0.6	21	34.8	62	15.6	19	6	-	-	-	175.0	111
Chopok	LM	2008	6.3	2.2	17.6	3	-5.8	21	-	-	61.0	76	24.1	13	16	-	-	-	119.5	105
Liesek	NO	692	12.3	-	26.0	3	-1.4	21	-2.1	21	82.4	-	38.8	19	13	15.3	21.7	9.5	165.5	-
Boľkovce	LC	214	17.1	2.4	33.2	3	2.5	21	-0.3	22	31.4	72	23.4	19	8	17.8	24.5	10.2	168.2	94
Telgárt	BR	901	12.2	2.0	27.4	3	-0.3	21	-3.2	21	69.9	113	28.6	19	12	13.3	20.0	6.4	161.4	101
Lomnický štít	PP	2635	4.2	3.0	14.5	4	-9.5	21	-	-	56.1	65	12.4	19	15	-	-	-	196.2	116
Štrbské Pleso	PP	1360	11.0	-	24.4	3	-1.6	21	-5.5	21	29.2	39	10.8	19	11	-	-	-	-	-
Poprad	PP	695	13.4	1.9	28.8	3	-0.8	22	-2.9	21	30.4	62	21.7	19	7	-	-	-	168.0	95
Spišské Vlachy	SN	369	14.4	-	30.5	3	1.7	21	-2.3	21	38.5	74	21.0	19	12	16.0	27.1	9.4	-	-
Košice, letisko	KE	230	17.0	2.6	33.0	3	2.0	22	-2.1	22	37.2	70	10.9	20	8	18.1	24.5	11.1	181.1	104
Stropkov - Tisinec	SP	216	15.2	1.9	30.8	3	3.0	22	0.2	22	37.3	66	15.7	20	8	17.9	23.9	12.3	197.0	132
Medzilaborce	ML	308	14.2	2.1	31.6	3	-0.1	22	-2.4	22	35.3	52	14.0	20	7	16.3	25.1	9.0	-	-
Milhostov	TV	105	16.9	2.1	32.6	3	1.5	22	-0.2	22	52.6	120	23.4	20	10	17.4	26.3	10.0	218.0	127
Kamenica n/Cirochou	HE	178	15.8	2.0	31.6	3	2.2	22	-1.8	22	54.4	89	23.8	20	10	-	-	-	191.4	118

Legenda:

N.V. - nadmorská výška [m n.m.]

Tm - mesačná teplota [C]

D - odchýlka od normálu 1961-1990 [C]

Amax - absolútne max. teploty [C]

Deň - deň v mesiaci

Amin - absolútne min. teploty [C]

Tminz - prízemná min. teplota [C]

RR - mesačný úhrn zrážok [mm]

RR% - percento normálu 1961-1990

RRmax - max. denný úhrn zrážok [mm]

0.1 - počet dní 0.1 mm a viac

TPm - mesačná teplota pôdy 5 cm [C]

Max - absolútne max. teploty pôdy [C]

Min - absolútne min. teploty pôdy [C]

SS - trvanie slnečného svitu [h]

SS% - percento normálu 1961-1990

Legend:

Alt - altitude [m a.s.l.]

Tm - mean air temperature [C]

D - deviation from normal 1961-1990 [C]

Amax - maximum of air temperature [C]

Day - day of occurrence

Amin - minimum of air temperature [C]

Tminz - grass temperature [C]

RR - monthly precipitation total [mm]

RR% - percentage of normal 1961-1990

RRmax - maximum of daily precipitation [mm]

0.1 - number of precipitation days ≥ 0.1 mm

TPm - mean soil temperature 5 cm [C]

Max - maximum of soil temperature [C]

Min - minimum of soil temperature [C]

SS - monthly sunshine duration [h]

SS% - percentage of normal 1961-1990

Tab. 2

Prehľad klimatologických charakteristík / Climatic review

Obdobie: september 2012 / Period: September 2012

Stanica Station	Priemerná hodnota Mean value		Počet dní / Calculus of days										Búrka
	$(1/n)\Sigma(T_{\max})$	$(1/n)\Sigma(T_{\min})$	$T_{\max} \geq 25^{\circ}\text{C}$	$T_{\max} \geq 30^{\circ}\text{C}$	$T_{\text{mean}} \geq 0^{\circ}\text{C}$	$T_{\text{mean}} \geq 5^{\circ}\text{C}$	$T_{\text{mean}} \geq 10^{\circ}\text{C}$	$T_{\text{mean}} \leq 13^{\circ}\text{C}$	N<20%	N>80%	$P \geq 0.1\text{mm}$	$P \geq 5\text{mm}$	Storm
Bratislava, letisko	24.1	12.6	13	3	30	30	30	3	1	9	8	2	0
Piešťany	23.4	10.7	11	3	30	30	30	5	3	4	11	2	0
Hurbanovo	24.9	12.0	15	4	30	30	30	3	5	5	9	3	2
Oravská Lesná	18.9	6.0	3	0	30	27	18	19	2	11	9	6	1
Sliach	23.8	9.2	11	3	30	30	28	6	4	7	6	2	2
Boľkovce	25.0	10.3	17	5	30	30	28	4	4	8	8	1	1
Telgárt	18.5	7.4	3	0	30	29	23	18	4	6	12	4	3
Chopok	9.4	3.5	0	0	28	20	6	29	3	16	16	4	3
Košice, letisko	23.6	11.2	12	3	30	30	28	4	4	2	8	3	3
Stropkov - Tisinec	22.7	9.4	10	1	30	30	27	7	7	5	8	3	0
Štrbské Pleso	16.2	6.7	0	0	30	28	19	20	4	7	11	2	3
Poprad	20.4	6.7	7	0	30	29	26	14	3	4	7	1	3

Legenda: $(1/n)\Sigma(T_{\max})$ - priemer denných maximálnych teplôt vzduchu [$^{\circ}\text{C}$] $(1/n)\Sigma(T_{\min})$ - priemer denných minimálnych teplôt vzduchu [$^{\circ}\text{C}$] $T_{\max} \geq 25^{\circ}\text{C}$ - letný deň $T_{\max} \geq 30^{\circ}\text{C}$ - tropický deň $T_{\text{mean}} \leq 13^{\circ}\text{C}$ - vykurovací deň

N<20% - priemerné pokrytie oblohy oblakmi [N] menej ako 20% - jasné dni

N>80% - priemerné pokrytie oblohy oblakmi [N] viac ako 80% - zamračené dni

 $P \geq 0.1\text{mm}$ - denný úhrn atmosférických zrážok $\geq 0.1\text{ mm}$ $P \geq 5\text{mm}$ - denný úhrn atmosférických zrážok $\geq 5\text{ mm}$

x - nekompletné pozorovanie

Legend: $(1/n)\Sigma(T_{\max})$ - mean daily maximum air temperature $(1/n)\Sigma(T_{\min})$ - mean daily minimum air temperature $T_{\max} \geq 25^{\circ}\text{C}$ - summer day $T_{\max} \geq 30^{\circ}\text{C}$ - tropical day $T_{\text{mean}} \leq 13^{\circ}\text{C}$ - heating day

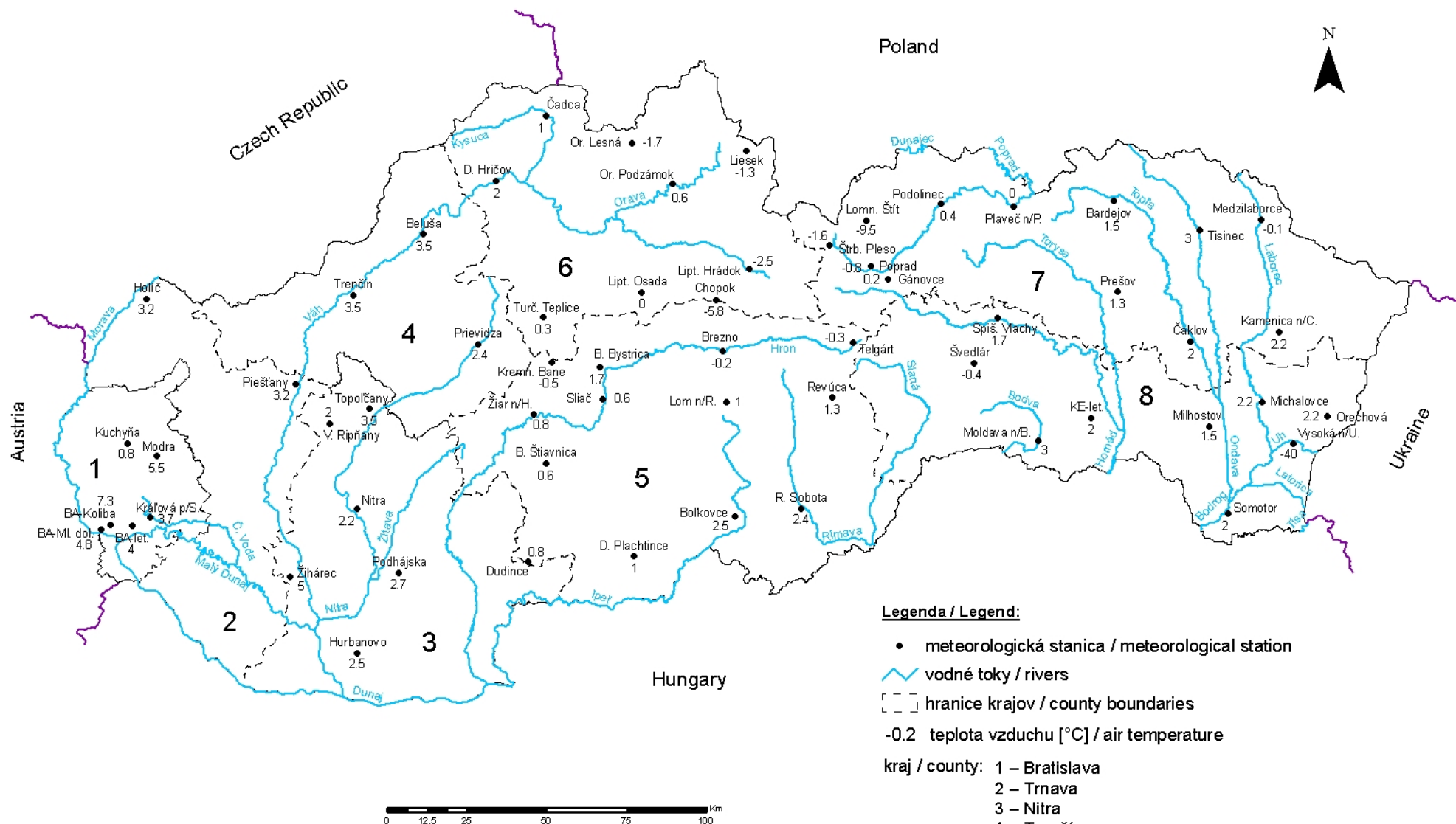
N<20% - daily mean cloudiness less than 20%

N>80% - daily mean cloudiness more than 80%

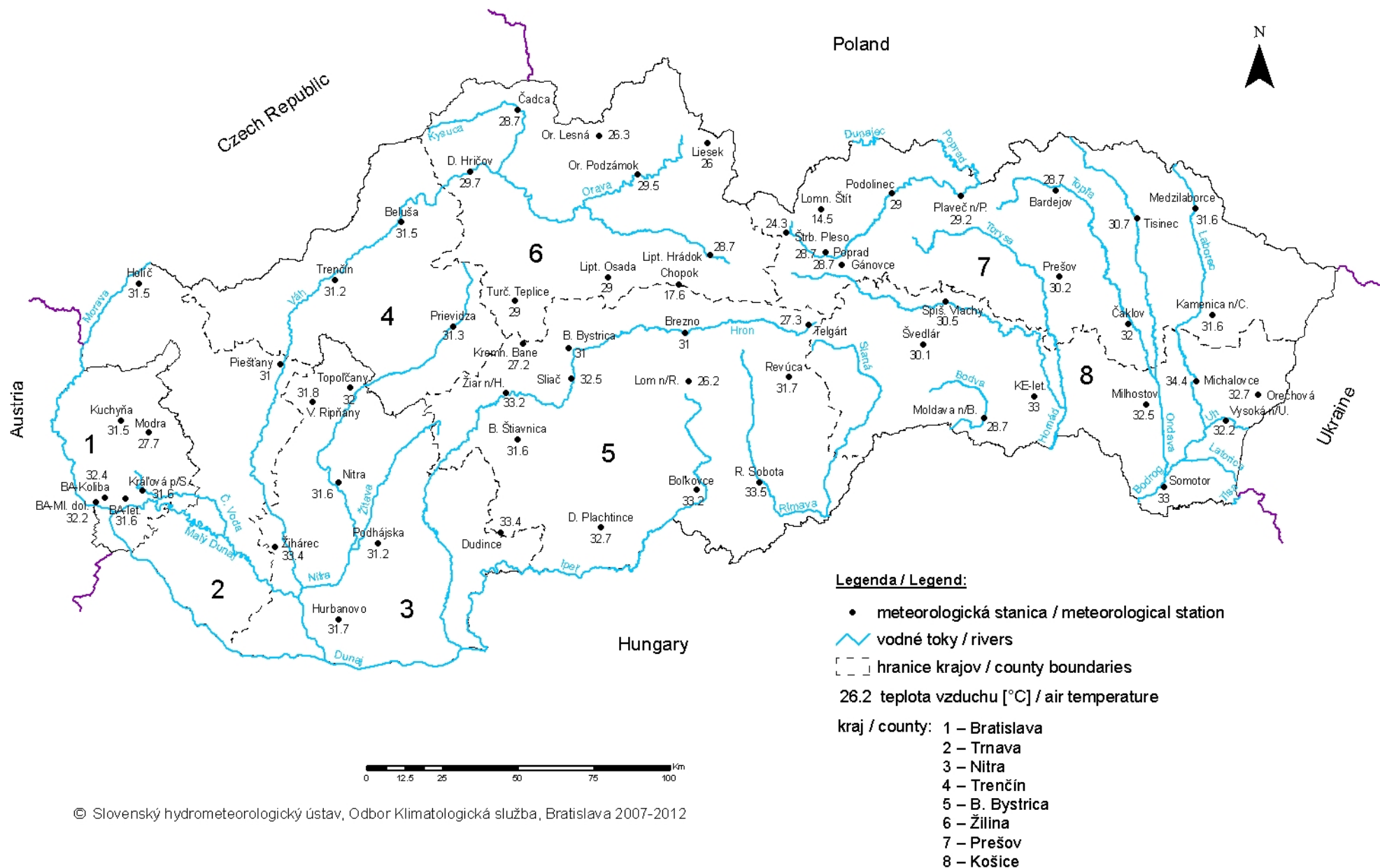
 $P \geq 0.1\text{mm}$ - daily precipitation total $\geq 0.1\text{ mm}$ $P \geq 5\text{mm}$ - daily precipitation total $\geq 5\text{ mm}$

x - not complete

Absolútne mesačné (september 2012) minimum teploty vzduchu [°C] na Slovensku Absolute Monthly (September 2012) Minimum Air Temperature [°C] In Slovakia



Absolútne mesačné (september 2012) maximum teploty vzduchu [°C] na Slovensku Absolute Monthly (September 2012) Maximum Air Temperature [°C] In Slovakia



Tab. 3

Rádiosondážne výškové merania zo stanice Poprad-Gánovce Upper Air Data from Poprad-Gánovce

September / September 2012, 12 UTC

September / September 2011, 11 010

Deň / Day		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	Avg	Norm
HL / LV		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	Avg	Norm
TV / AT		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	Avg	Norm
30	-53	-53	-54	-55	-56	-54	-52	-53	-52	-54	-53	-53	-54	-53	-52	-54	-53	-55	-54	-53	-53	-54	-54	-55	-57	-56	-54	-55	-55	-56	-54	-54	
100	-57	-61	-59	-60	-58	-56	-56	-59	-61	-59	-56	-57	-55	-58	-58	-57	-58	-59	-57	-53	-56	-55	-60	-62	-60	-60	-57	-58	-61	-62	-58	-56	
200	-58	-54	-59	-57	-50	-53	-59	-61	-60	-60	-57	-58	-64	-54	-52	-56	-56	-61	-61	-51	-54	-56	-61	-60	-58	-59	-62	-58	-61	-58	-58	-56	
300	-39	-39	-39	-39	-40	-43	-40	-40	-40	-42	-42	-43	-40	-38	-43	-40	-42	-40	-40	-44	-43	-42	-39	-38	-44	-41	-41	-44	-40	-42	-41	-42	
400	-23	-24	-23	-24	-26	-28	-25	-25	-24	-25	-26	-27	-24	-23	-26	-25	-25	-25	-26	-28	-29	-26	-23	-23	-27	-25	-23	-27	-25	-25	-25	-27	
500	-11	-13	-12	-12	-13	-14	-13	-12	-10	-12	-15	-14	-13	-13	-14	-11	-11	-12	-14	-18	-17	-14	-14	-12	-15	-12	-10	-14	-13	-13	-13	-15	
700	5	5	4	3	3	0	4	-1	3	3	3	2	1	3	2	3	5	3	0	-7	-3	2	0	6	2	7	3	-1	4	4	2	0	
850	15	17	17	12	14	6	9	10	12	14	16	15	11	11	8	6	10	10	12	1	2	6	5	11	11	12	14	8	9	6	10	9	
Pov / Sur	22	23	27	22	24	13	19	17	22	24	26	23	17	9	15	15	20	18	19	5	12	11	13	17	18	20	21	17	19	15	18	16	
SV / WD		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	Avg	Norm
30	14	13	12	31	19	15	28	25	33	28	1	25	19	28	24	19	28	32	20	27	27	28	28	25	24	26	26	25	27	24			
100	22	23	24	29	24	27	29	27	28	28	29	24	22	25	25	26	27	27	24	24	28	27	28	26	26	22	25	26	28	27			
200	22	22	27	12	19	25	31	32	30	24	23	24	23	33	34	30	29	24	21	23	32	27	29	27	26	26	22	26	28	25			
300	22	22	24	26	21	28	31	30	32	23	23	27	22	22	29	25	33	24	21	19	32	26	29	26	27	26	22	25	26	26			
400	23	22	25	4	18	30	30	32	32	23	21	21	20	23	29	28	28	24	21	18	33	25	28	26	28	25	22	25	26	25			
500	20	21	24	3	17	29	31	32	34	27	33	24	19	24	30	4	28	24	22	19	32	24	28	26	31	26	21	26	25	27			
700	19	20	6	35	27	30	31	34	33	28	24	23	19	22	25	6	32	23	22	4	36	26	27	24	31	23	22	26	24	26			
850	17	36	13	6	23	28	22	23	19	20	25	21	15	23	27	4	23	23	24	1	2	26	25	25	26	24	23	21	25	27			
Pov / Sur	34	5	7	2	2	5	30	14	7	15	20	17	11	36	10	33	18	25	16	3	1	22	14	20	6	18	16	29	15	7			
RV / WS		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	Avg	Norm
30	3	3	2	2	8	2	8	1	6	3	6	6	6	4	6	8	11	1	9	6	9	7	3	7	13	13	7	10	11	11	6	5	
100	9	18	11	7	10	11	15	13	15	11	7	9	5	5	8	6	10	10	13	14	13	12	22	19	17	12	16	21	16	18	12	10	
200	29	27	25	1	16	23	23	23	20	15	7	11	24	3	13	5	7	12	21	17	16	31	41	25	23	16	30	26	31	30	20	20	
300	20	17	20	6	10	25	25	18	17	13	13	8	23	22	7	9	8	12	16	32	28	28	37	20	18	17	21	25	26	29	19	20	
400	16	13	11	6	10	24	23	20	16	11	5	4	18	15	10	5	8	11	17	23	8	24	34	21	13	13	23	24	25	26	16	17	
500	16	12	9	2	4	18	15	18	16	6	4	7	15	13	8	3	2	7	10	12	8	20	30	13	14	15	22	24	19	22	13	14	
700	13	8	1	1	2	10	14	11	13	4	7	10	16	13	9	3	4	12	11	8	6	18	20	7	7	23	26	12	15	19	11	9	
850	6	1	3	1	2	3	3	3	3	4	5	8	7	9	5	4	5	6	8	15	1	10	3	8	6	9	9	6	6	1	5	6	
Pov / Sur	3	2	2	5	2	10	6	3	3	5	2	6	1	3	2	2	2	5	4	11	3	3	3	5	2	8	4	7	4	3	4	5	
CAO / TAO		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	Avg	Norm
DP / DA	276	275	278	278	276	288	280	278	278	287	290	287	312	315	300	283	290	289	287	309	302	288	276	265	279	286	281	310	301	296	288	301	
Odch / Dev	-12	-12	-11	-10	-11	-6	-9	-9	-9	-6	-5	-5	3	4	0	-6	-3	-3	-4	4	2	-3	-6	-10	-5	-2	-4	6	3	1	-4		

Legenda/Legend:

HL / LV - Hladina / Level [hPa]

TV / AT - Teplota vzduchu / Air Temperature [°C]

SV / WD - Smer vetra / Wind Direction [deg/10]

RV / WS - Rýchlosť vetra / Wind Speed [m/s]

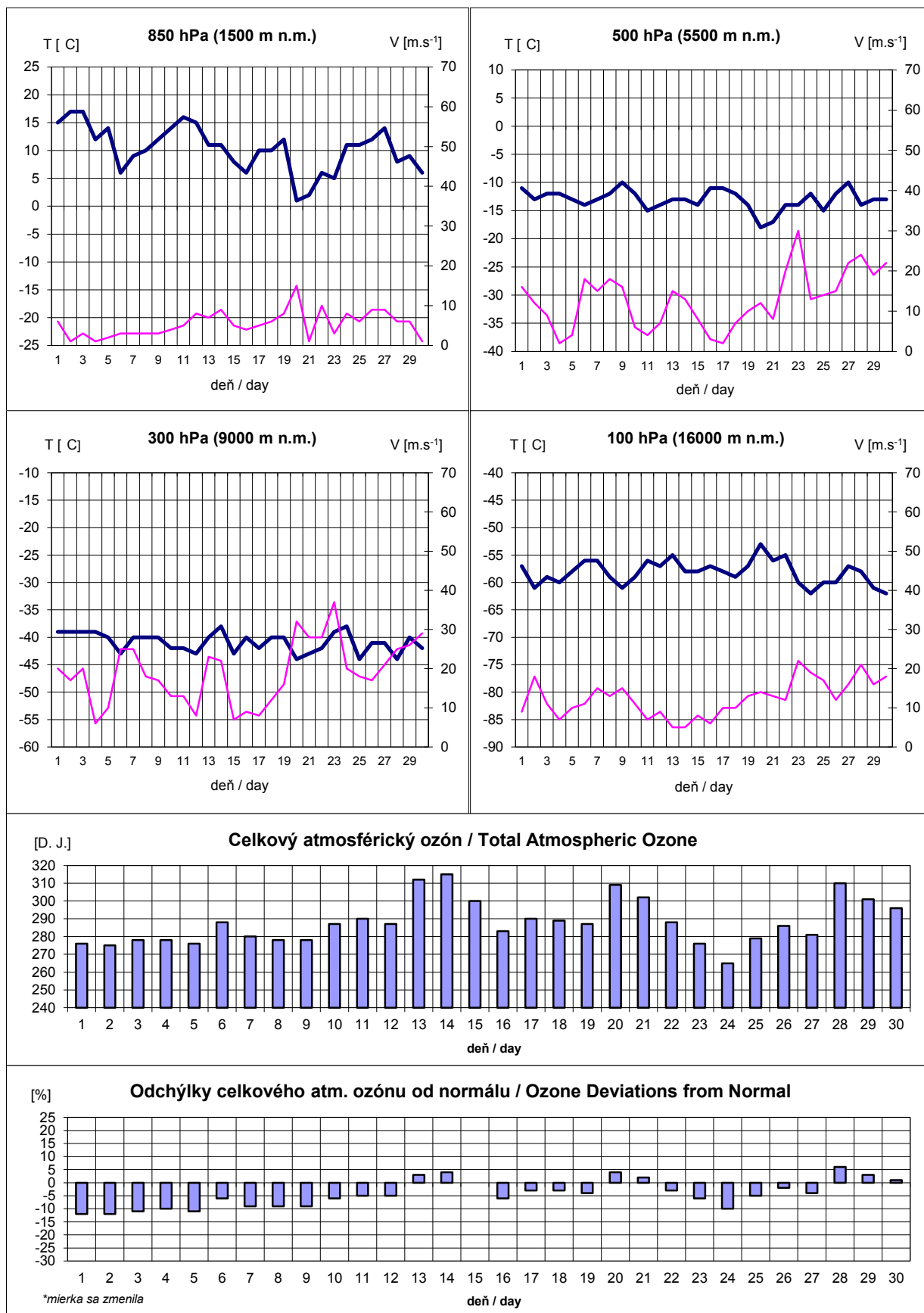
DP / DA - Denný priemer / Daily Average

Odch / Dev - Odchýlka od normálu / Deviation from Normal [%]

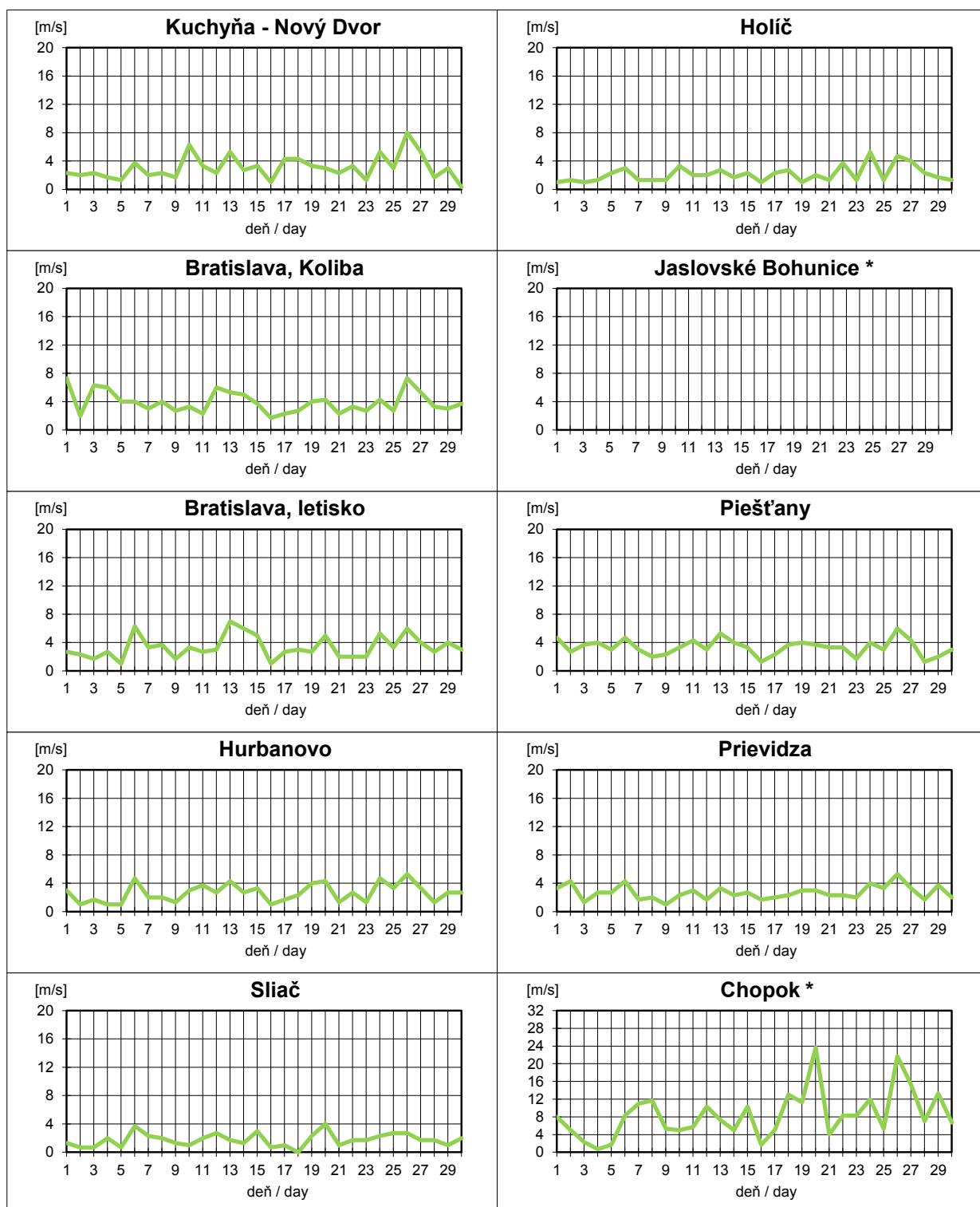
CAO / TAO - Celkový atmosférický ozón [D.J.] / Total Atmospheric Ozone [D.U.]

Pov / Sur - Povrch / Surface

Teplota vzduchu a rýchlosť vetra v izobarických hladinách v oblasti Nízkych a Vysokých Tatier
a celkový atmosférický ozón v 12 UTC, September 2012
Upper Air Data (Air Temperature, Wind Speed, Total Atm. Ozone), September 2012, 12 UTC



Priemerná denná rýchlosť vetra na vybraných staniciach SR za 9/2012
Daily means of wind speed at selected stations of Slovakia during 9/2012

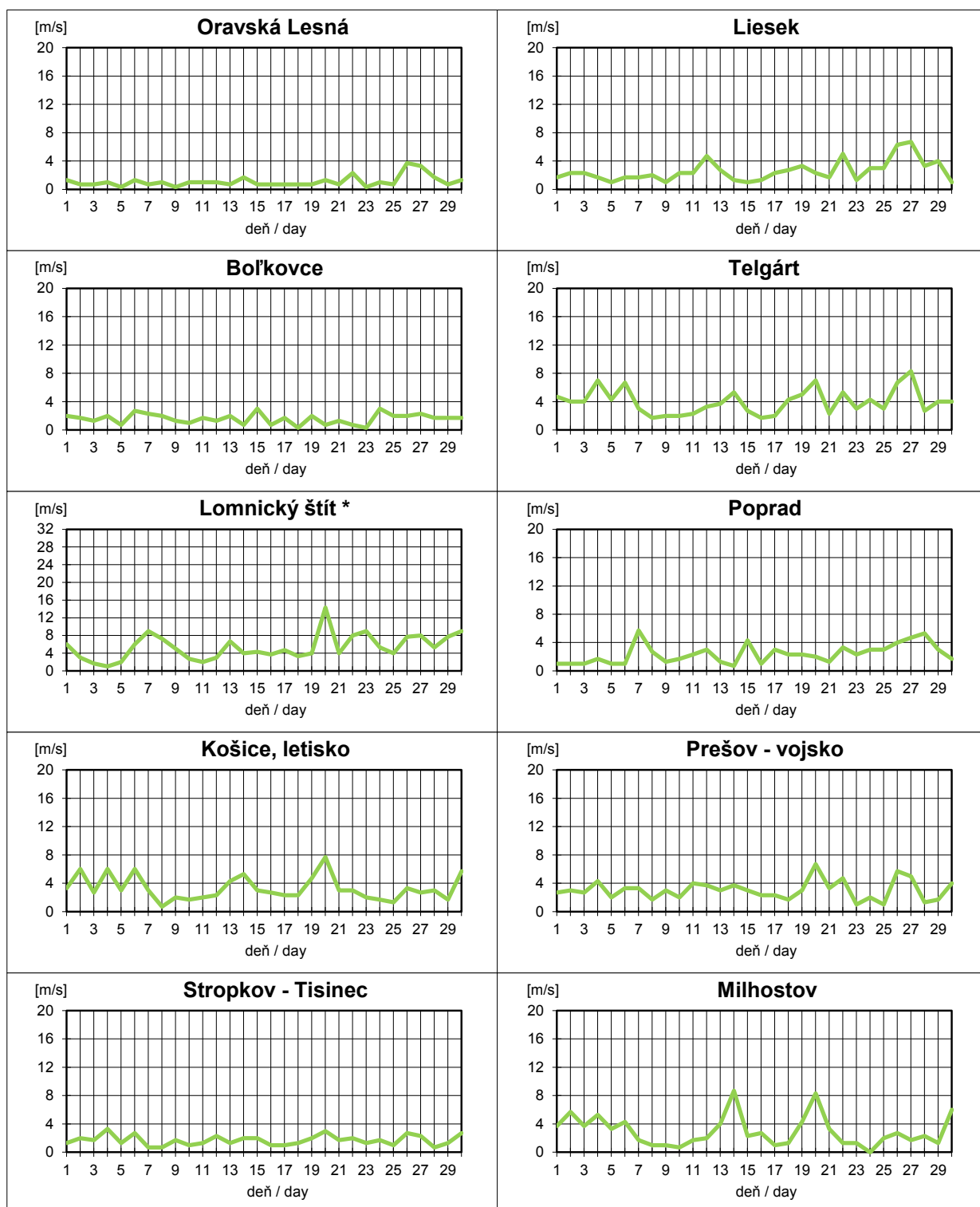


Legenda / Legend:

* Chopok - osobitná mierka/individual scale

* J. Bohunice - temporary technical emergency

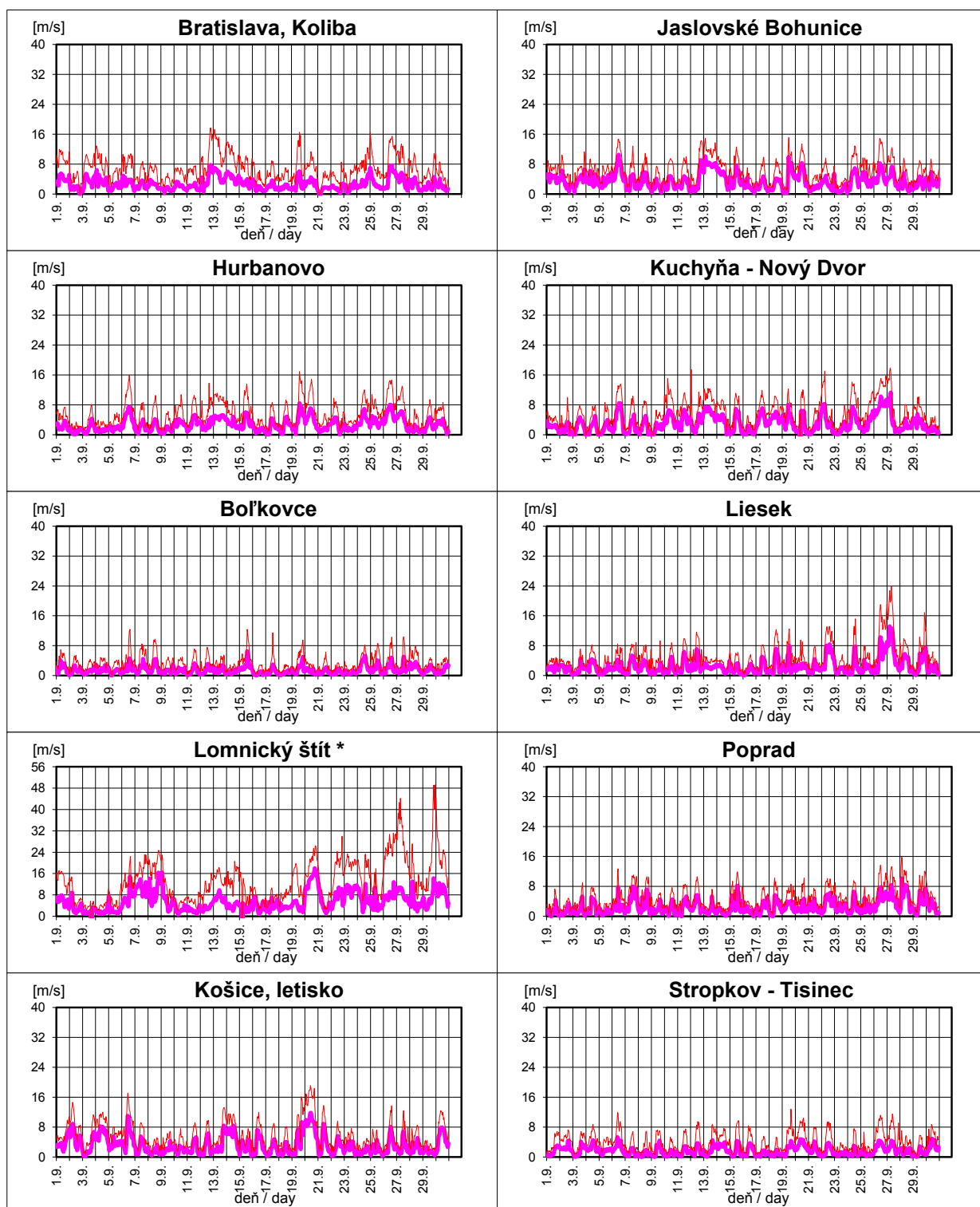
Priemerná denná rýchlosť vetra na vybraných staniciach SR za 9/2012
Daily means of wind speed at selected stations of Slovakia during 9/2012



Legenda / Legend:

* Lomnický štít - osobitná mierka/individual scale

Priemerná hodinová rýchlosť a náraz vetra na vybraných AS SR za 9/2012
Hourly means of wind speed and wind gusts at selected AWS of Slovakia during 9/2012



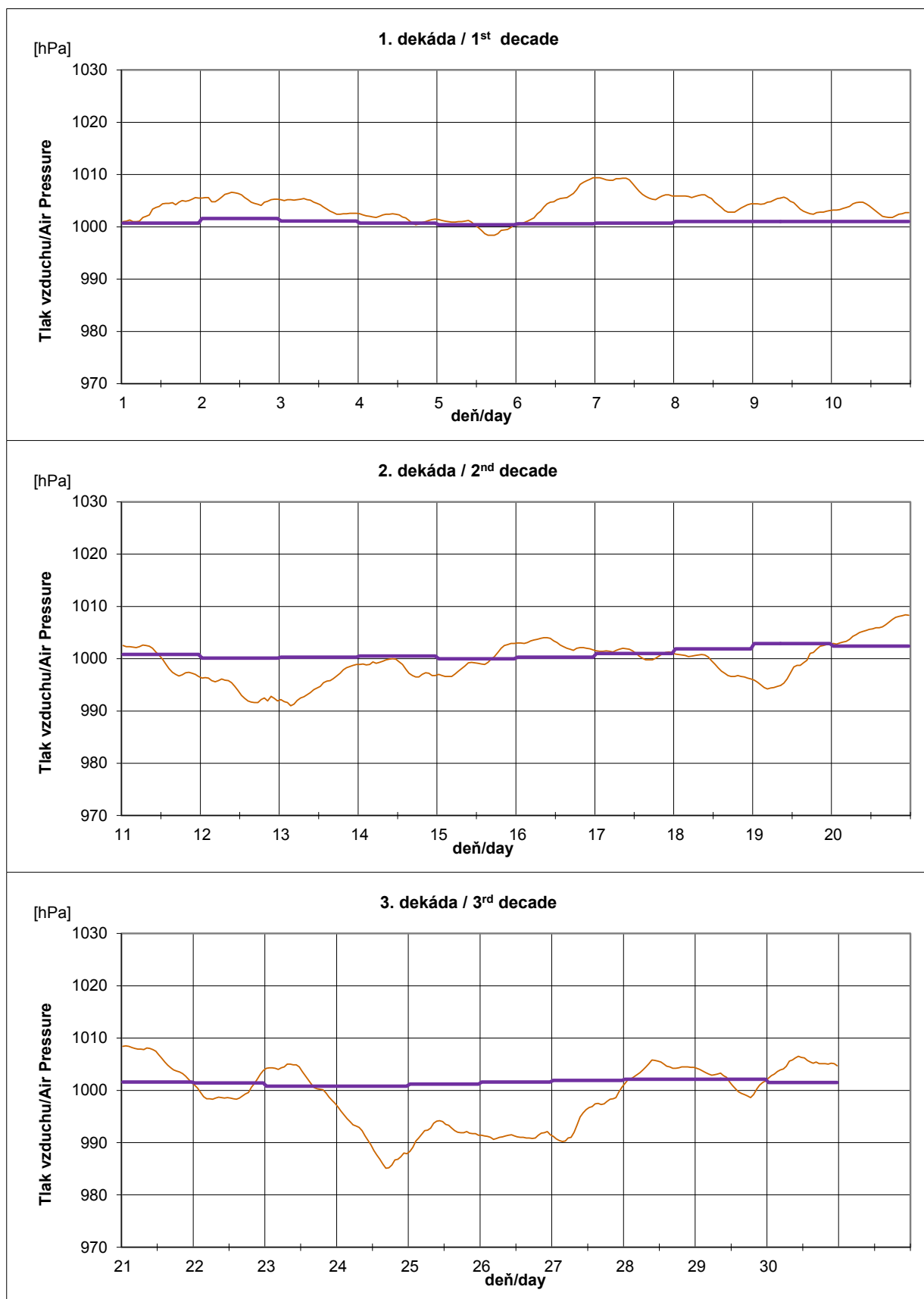
Legenda / Legend:

* Čiary/Lines: **hrubá/thick** - priem. hod. rýchlosť vetra, **tenká/thin** - max. náraz vetra

AS - automatická stanica/automatic weather station (AWS)

* Lomnický štít - osobitná mierka/individual scale

Priebeh tlaku vzduchu (hodinové 9/2012 a denné 1961-90 hodnoty) v Bratislave na letisku
Course of (hourly 9/2012 and daily 1961-90) means of air pressure in Bratislava, airport



Legenda / Legend:

Čiary / lines:  - denný priemer tlaku vzduchu / daily mean of air pressure (1961-1990)
 - hodinový priemer tlaku vzduchu / hourly mean of air pressure (1961-1990)

Klimatologický prehľad / Climate review

September 2012 bol na väčšine územia Slovenska teplotne nadnormálny, miestami až silne nadnormálny, s teplotnými odchýlkami od +0.8 °C (Čadca) do +2.6 °C (Košice, letisko), na Lomnickom štíte +3.0 °C nad normálom. Absolútne najnižšia priemerná mesačná teplota vzduchu, okrem vysokých horských polôh, bola zaznamenaná v Oravskej Lesnej (11.3 °C), najvyššia v Bratislave na letisku a v Hurbanove (17.7 °C). Vo vysokých horských polohách dosiahla priemerná mesačná teplota vzduchu v septembri od 4.2 °C (Lomnický štít) do 6.3 °C (Chopok). Absolútne teplotné minimum namerali okrem vysokých horských polôh v Oravskej Lesnej (-1.7 °C, dňa 21. 9.), najvyššie maximum v Dudinciach (33.4 °C, dňa 3. 9.). Na Lomnickom štíte poklesla dňa 21. 9. minimálna teplota vzduchu na -9.5 °C.

Priemerná relatívna vlhkosť vzduchu o 14. h bola na väčšine územia Slovenska podnormálna: Bratislava -10 %, Piešťany -7 %, Hurbanovo -7 %, Oravská Lesná -4 %, Sliač -7 %, Boľkovce -10 %, Telgárt -4 %, Štrbské Pleso -3 %, Košice-letisko -11 %, Stropkov-Tisinec -11 %.

Suma trvania slnečného svitu bola v septembri nadnormálna v intervale od 94 % (Boľkovce) do 132 % (Stropkov-Tisinec) normálu.

Vzhľadom na prevládajúci anticyklonálny charakter počasia sme v septembri vysoké nárazy vetra na území Slovenska nepozorovali. Uvedené rýchlosti vetra sú iba orientačné a nemusia zodpovedať maximálnym rýchlostiam vetra v konkrétnych lokalitách územia Slovenska.

September 2012 bol na území Slovenska väčšinou zrážkovo normálny, na menších územiach mohol byť aj zrážkovo podnormálny a naopak, na miestach, kde pršalo výdatnejšie, mohol byť zrážkovo nadnormálny. Mesačné úhrny atmosférických zrážok sa pohybovali väčšinou od necelých 20 mm, hlavne na Podunajskej nížine, do viac ako 80 mm, hlavne v Javorníkoch, v Kysuckých a Oravských Beskydách, v Malej a Veľkej Fatre, v Nízkych a Vysokých Tatrách a ojedinele aj v Slovenskom Rudohorí. Priestorový úhrn zrážok pre celé územie Slovenska dosiahol 49 mm, čo predstavuje 78 % normálu a deficit 14 mm.

Zaujímavosti mesiaca / Curiosity of the month

Mesiace september roku 2012 bol významný najmä pri hodnotení teploty vzduchu, slnečného svitu a atmosférických zrážok.

Priemerná mesačná teplota vzduchu (tab. 4 a tab. 5) bola štatisticky významne vysoká takmer na celom území Slovenska z vybraných lokalít reprezentujúcich zastúpenie jednotlivých regiónov Slovenska (najvýraznejšie sa to prejavilo v Boľkovciach a na Lomnickom štíte) aspoň od roku 1961. V Čadci bola hodnota v medziach normálu.

Priemer denných maximálnych teplôt vzduchu (tab. 4 a tab. 6) bol štatisticky významne vysoký na celom území Slovenska (najvýraznejšie sa to prejavilo na Lomnickom štíte) aspoň od roku 1961.

Absolútne maximum teploty vzduchu (tab. 4 a tab. 7) bolo štatisticky významne vysoké na celom území Slovenska (najvýraznejšie v Telgárte s 27.4 °C a prekonaným rekordom z roku 1975 pre túto meteorologickú stanicu, na Lomnickom štíte s 14.5 °C a prekonaným rekordom z

roku 2011, v Košiciach s 33.0 °C a prekonaným rekordom z roku 2008, v Medzilaborciach s 31.6 °C a prekonaným rekordom z roku 2008, a v Kamenici nad Čirochou s 31.6 °C a prekonaným rekordom z roku 2008) aspoň od roku 1961.

Priemer denných minimálnych teplôt vzduchu (tab. 4 a **tab. 8**) bol štatisticky významne vysoký (s výnimkou Čadce a Popradu) takmer na celom území Slovenska aspoň od roku 1961.

Absolútne minimum teploty vzduchu (tab. 4 a **tab. 9**) dosiahlo štatisticky významne nízke hodnoty len v Hurbanove, na Chopku, v Košiciach a v Milhostove, aspoň od roku 1961.

Trvanie slnečného svitu (tab. 4 a **tab. 10**) dosiahlo štatisticky významné hodnoty len na niektorom území Slovenska z vybraného počtu meteorologických staníc na Slovensku (Bratislava - letisko, Lomnický štít, Tisinec (od r. 1963), Milhostov) aspoň od roku 1961.

Úhrn atmosférických zrážok (tab. 4 a **tab. 11**) bol štatisticky významne nízky len na Lomnickom štíte, v Poprade, v Tisinci (od r. 1963) a v Medzilaborciach, za predpokladu selekcie meteorologických staníc Slovenska. Podrobnejšie (plošne) je úhrn atmosférických zrážok hodnotený na inom mieste bulletinu, vychádzajúc z väčšieho počtu staníc.

Agrometeorologický a fenologický prehľad / Agrometeorological and phenological review

Teplota a premrzanie pôdy / Temperature and freezing of soil

Priemerná mesačná teplota pôdy v hĺbke 5 cm sa v septembri pohybovala od 13.3 °C (Telgárt) do 19.1 °C (Jaslovské Bohunice). Minimálna termínová teplota pôdy v rovnakej hĺbke bola 6.4 °C (Telgárt) až 12.8 °C (Bratislava - Koliba). Priemerná mesačná teplota pôdy v hĺbke 20 cm sa pohybovala od 13.3 °C (Telgárt) do 19.3 °C (Dudince).

Stav a vývin poľnohospodárskych kultúr, ovocných a lesných drevín a rastlín / State and development of crops, fruit and forest trees and plants

V priebehu celého septembra pokračovala ešte sejba repky ozimnej, vzchádzala (nerovnomerne) a skôr zasiata repka od druhej dekády vytvárala prvé páry pravých listov. Sejba pšenice ozimnej začala v druhej polovici septembra, vzchádzať začala v poslednej pentáde. V priebehu septembra pokračoval zber neskorších odrôd zemiakov, v tretej dekáde repa cukrová dosahovala technickú zrelosť a začala sa zberať. Slnečnica ročná a kukurica siata (na zrno) od začiatku mesiaca dosahovali plnú zrelosť a začali sa zberať a pokračoval zber aj kukurice na siláž.

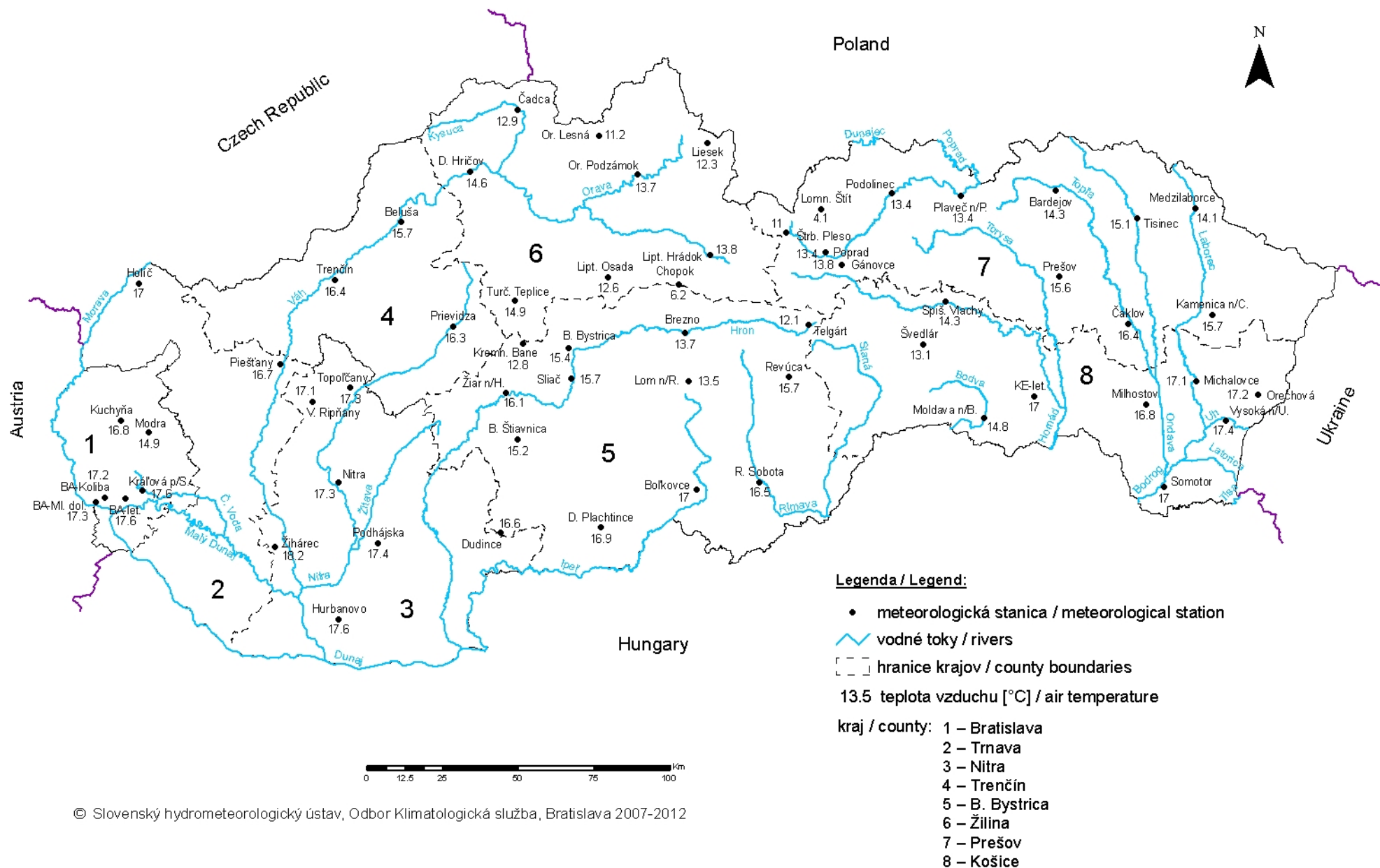
V prvej polovici septembra pokračoval miestami ešte zber neskorších odrôd sliviek, a to prevažne vo vyšších polohách. V priebehu mesiaca pokračoval zber jesenných odrôd jabĺk a hrušiek, dozrieval a zberal sa vinič hroznorodý. Od konca druhej septembrovej dekády dozrievali plody orecha kráľovského. V druhej polovici mesiaca zimné odrody jabĺk a hrušiek vstupovali do zberovej zrelosti. Všeobecné žltnutie a opadávanie listov z ovocných drevín bolo zaznamenané v tretej septembrovej dekáde.

V priebehu septembra pokračovalo dozrievanie plodov drieňa obyčajného, bazy čiernej, hlohu a liesky obyčajnej, jarabiny vtácej. Od začiatku mesiaca dozrievali plody aj javora horského, slivky trnkovej, od konca prvého septembrového týždňa plody lipy malolistej, jaseňa štíhleho, pagaštana konského, od konca druhej dekády plody ruže šípovej. Z bylín pokračovalo kvitnutie jesienky obyčajnej. Od konca prvej septembrovej dekády dozrievali plody buka lesného, od druhej dekády plody duba letného a zimného, tiež hraba obyčajného. Od prvej dekády septembra začalo lístie na lesných drevinách žltnúť a opadávať.

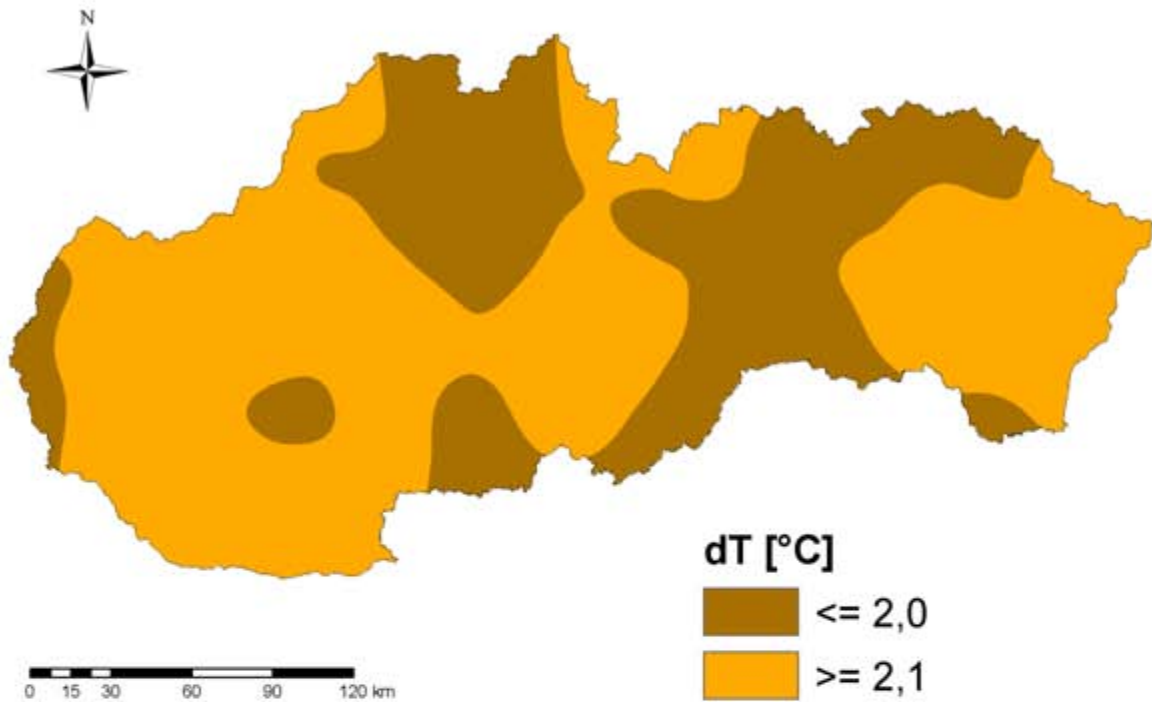
Prejavy sťahovavého vtáctva a iných živočíchov / Utterances of migratory birds and others animals

V priebehu septembra pokračoval odlet bociana bieleho, odlietali lastovičky a belorítky domové. Od druhej septembrovej dekády odlietal škvránok poľný prevažne z vyšších polôh. V poslednej dekáde mesiaca začal odlietať aj škorec lesklý.

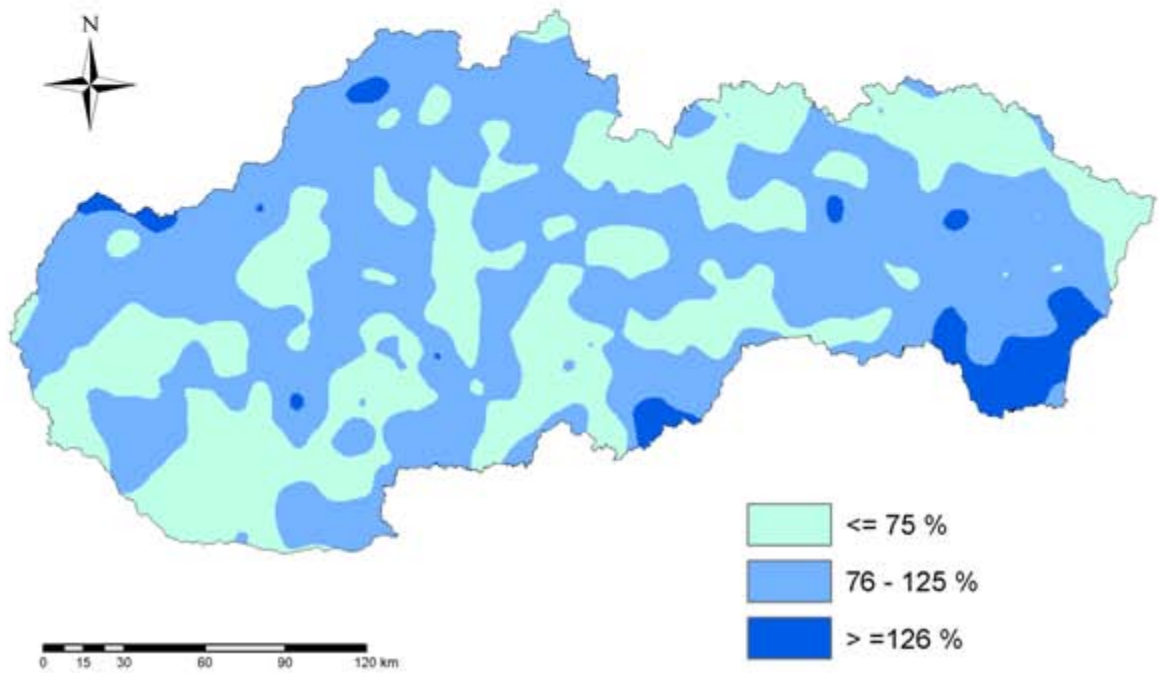
Priemerná mesačná (september 2012) teplota vzduchu [°C] na Slovensku Mean Monthly (September 2012) Air Temperature [°C] In Slovakia



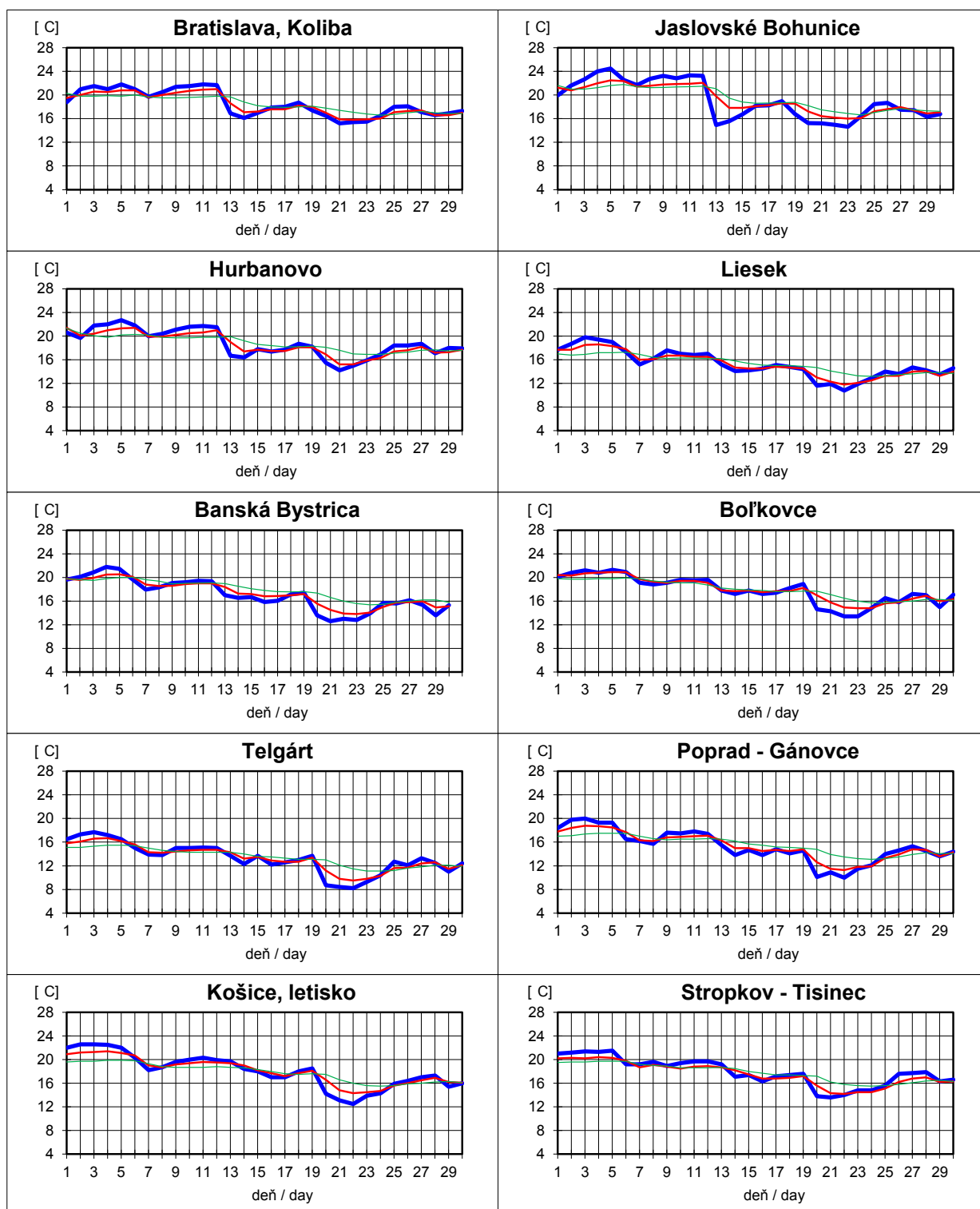
Odchýlky 9/2012 priemernej mesačnej teploty vzduchu od normálu 1961 - 1990 na Slovensku
Deviations from September 2012 monthly mean air temperature from normal 1961-1990 in Slovakia



Úhrny atmosférických zrážok na Slovensku 9/2012 v % normálu 1961 - 1990
Precipitation totals in Slovakia for September 2012 in % of 1961-1990 normal



Priemerná denná teplota pôdy na vybraných staniciach SR za 9/2012
Daily means of soil temperature at selected stations of Slovakia during 9/2012



Legenda / Legend:

— 5 cm
 — 20 cm
 — 50 cm

Tab. 4 Pozícia uvedenej meteorologickej charakteristiky za september 2012 na vybraných staniciach Slovenska v celkovom usporiadaní zostupne od r. 1961
Position of meteorological characteristics of September 2012 sorted downwards at selected stations of Slovakia since 1961

	meteorologická charakteristika / meteorological characteristic											
	t_mpr	tmax_mpr	tmax_mmax	tmin_mpr	tmin_mmin	t7_mpr	t14_mpr	t21_mpr	tprzmin_mpr	tprzmin_mmin	ss_msum	zra_msum
stanica / station	pozícia / position											
ZÁPAD / WEST												
Bratislava, Koliba (BaK)	10	8	3	14	17	10	8	10	12	42	16	35
Bratislava, letisko (BaL)	8	9	7	6	32	6	10	7	4	33	14	37
Piešťany (Pie)	7	8	6	14	23	7	9	6	9	24	22	26
Hurbanovo (Hu)	7	7	10	7	39	6	8	5	5	35	16	36
STRED / MIDDLE												
Čadca (Cad)	18	11	7	31	33	14	15	21	-	-	-	20
Oravská Lesná (OrL)	11	9	8	8	23	11	10	9	-	-	-	26
Sliac (Sli)	8	8	2	12	30	5	8	6	8	19	18	31
Chopok (Cho)	9	7	2	12	39	11	8	8	-	-	52	30
Boľkovce (BoL)	4	5	1	9	20	3	5	4	19	22	32	32
Telgárt (Tel)	8	9	1	9	27	5	9	7	4	28	28	21
VÝCHOD / EAST												
Lomnický štít (LoS)	4	3	1	10	36	5	3	4	-	-	13	43
Poprad (Pop)	6	9	4	17	28	5	8	8	19	21	35	40
Košice (Ke)	7	6	1	8	40	8	5	5	12	38	27	36
Medzilaborce (Med)	6	7	1	8	24	9	8	7	-	-	-	45
Milhostov (Mil)	7	7	2	8	41	8	8	7	5	33	9	19
Kamenica n/C (KnC)	6	9	1	11	17	6	10	7	11	22	15	30

Legenda / Legend:

t_mpr - priemerná mesačná teplota vzduchu / mean monthly air temperature [°C]

tmax_mpr - mesačný priemer maximálnych denných teplôt vzduchu / mean maximum daily temperatures [°C]

tmax_mmax - absolútne maximum teploty vzduchu v mesiaci / absolute maximum air temperature in the month [°C]

tmin_mpr - mesačný priemer minimálnych denných teplôt vzduchu / mean minimum daily temperatures [°C]

tmin_mmin - absolútne minimum teploty vzduchu v mesiaci / absolute minimum air temperature in the month [°C]

t7_mpr - priemerná mesačná teplota vzduchu o 7h / mean air temperature at 7h [°C]

t14_mpr - priemerná mesačná teplota vzduchu o 14h / mean air temperature at 14h [°C]

t21_mpr - priemerná mesačná teplota vzduchu o 21h / mean air temperature at 21h [°C]

tprzmin_mpr - mesačný priemer minimálnych prízemných teplôt vzduchu / mean minimum ground temperatures [°C]

tprzmin_mmin - absolútne prízemné minimum teploty vzduchu / absolute ground temperature [°C]

ss_msum - mesačná suma trvania slnečného svitu / monthly sunshine duration [h]

zra_msum - mesačný úhm atmosférických zrážok / monthly precipitation total [mm]

- - stanica nepozoruje (nemá kompletne merania) / no (not complete) measurement

Tab. 5 Poradie priemerných mesačných (september 2012) teplôt vzduchu [°C] na vybraných meteorologických staniciach SR od roku 1961
Order of mean monthly (September 2012) air temperature [°C] at selected meteorological stations of Slovakia since 1961

Por.č.	rok/year	BaK	rok/year	BaL	rok/year	Pie	rok/year	Hu	rok/year	Cad	rok/year	OrL	rok/year	Sli	rok/year	Cho	rok/year	Bol	rok/year	Tel	rok/year	LoS	rok/year	Pop	rok/year	Ke	rok/year	Tis	rok/year	Med	rok/year	Mil	rok/year	KnC
1	1982	18.7	2011	18.5	1999	17.9	1999	18.7	1999	14.9	1982	12.7	1982	16.9	1982	8.1	1982	18.1	1982	13.4	1982	5.7	1982	14.6	2011	18.0	1994	16.1	1994	15.3	2011	17.9	1994	17.3
2	1961	18.4	1999	18.4	1982	17.7	2011	18.4	1982	14.9	1999	12.4	2011	16.5	2011	7.4	2011	17.8	1999	13.1	2011	4.6	1994	14.0	1982	17.5	1967	16.1	1967	15.0	1967	17.7	1982	16.6
3	2011	18.3	1982	18.1	2006	17.5	1982	18.3	1975	14.6	1994	12.3	1999	16.4	1961	7.1	1994	17.3	2011	13.1	1994	4.3	2011	13.9	1994	17.5	1982	16.1	1982	14.9	1994	17.7	1999	16.5
4	1999	18.3	2009	18.0	2011	17.3	1975	17.9	1994	14.1	1975	12.2	2009	16.1	1999	7.0	1912	17.1	1994	12.6	1912	4.2	1999	13.8	2009	17.5	1999	16.0	1999	14.6	1982	17.5	1967	16.4
5	2009	18.0	2006	18.0	2009	17.2	2009	17.7	1967	14.1	2006	11.9	2006	15.8	1975	6.9	1999	17.0	1967	12.5	1975	4.1	1975	13.6	1999	17.2	2011	15.7	2011	14.2	1999	17.4	2011	15.8
6	1975	17.9	1994	17.8	1975	17.2	2006	17.7	2006	14.0	1967	11.8	1994	15.8	2009	6.5	2009	16.9	1961	12.4	1961	4.1	1912	13.4	1967	17.1	1975	15.2	1912	14.1	2009	16.9	1912	15.8
7	2006	17.8	1987	17.7	1912	16.8	1912	17.7	1963	13.8	2011	11.8	1975	15.8	1967	6.5	1967	16.7	2006	12.3	1999	4.0	1967	13.4	1912	17.0	1963	15.2	1963	14.1	1912	16.9	1963	15.6
8	1987	17.5	1912	17.7	1967	16.6	1961	17.6	1987	13.6	1963	11.8	1912	15.7	1994	6.5	1961	16.6	1912	12.2	2005	3.6	1987	13.1	2006	16.7	1912	15.2	1961	14.0	1975	16.9	1975	15.6
9	1994	17.4	1975	17.4	1994	16.5	1994	17.6	1991	13.6	2009	11.5	1967	15.4	1912	6.3	1975	16.5	1975	12.2	1963	3.4	2006	13.1	1961	16.3	2009	15.1	2009	13.9	1963	16.7	2009	15.4
10	1912	17.2	1961	17.3	1961	16.5	1967	17.4	1961	13.4	1987	11.4	1987	15.2	1963	6.2	1987	16.5	2009	12.0	2009	3.4	2009	13.0	1975	16.1	2006	14.6	1975	13.7	1961	16.6	1961	15.3
11	1991	16.6	1991	16.9	1991	16.4	1987	17.2	1965	13.4	1912	11.3	2005	15.1	2006	5.9	2006	16.5	1963	11.9	1967	3.0	1961	13.0	1963	16.0	2005	14.3	1968	13.5	2006	16.3	2006	14.8
12	1967	16.3	2005	16.6	1987	16.3	1991	17.0	2009	13.3	1961	11.3	1961	14.9	1973	5.6	1963	16.0	1987	11.7	2006	2.8	1963	12.9	2005	15.9	1991	14.2	2006	13.5	1968	16.0	1968	14.8
13	1973	16.3	2003	16.5	2005	16.2	2005	16.9	1983	13.3	1991	11.0	1989	14.8	2005	5.5	1973	15.9	1973	11.4	1973	2.5	1979	12.6	1987	15.8	1989	14.1	2005	13.3	1987	15.8	1991	14.8
14	2005	16.2	1967	16.3	1963	16.1	1963	16.8	2011	13.2	1983	10.9	1973	14.6	1987	5.5	2005	15.8	1989	11.3	1974	2.3	1983	12.4	1989	15.5	1968	14.1	1989	13.2	2005	15.7	2005	14.7
15	2003	16.2	1973	16.3	1965	15.8	1965	16.5	1989	13.0	1965	10.8	1963	14.6	1979	5.4	1981	15.7	1981	11.3	1989	2.3	1991	12.3	1968	15.5	1981	14.0	1974	13.0	1973	15.6	1983	14.6
16	1963	16.1	1963	16.1	1992	15.6	1969	16.3	2005	13.0	2005	10.7	1983	14.5	1989	5.0	1989	15.5	1991	11.1	1965	2.3	1973	12.3	1991	15.4	1987	13.9	1991	12.9	1974	15.6	1965	14.6
17	1992	16.1	1983	16.1	1981	15.5	2003	16.3	1981	13.0	1981	10.7	1991	14.5	1974	4.8	1983	15.4	2005	11.1	1979	2.2	2005	12.2	1979	15.2	1984	13.8	1988	12.9	1991	15.5	1987	14.5
18	1983	16.0	1992	16.0	1983	15.5	1983	16.2	1912	13.0	1989	10.5	1979	14.3	1983	4.8	1991	15.1	1979	10.9	1987	2.2	1989	12.0	1973	15.2	1979	13.7	1998	12.9	1981	15.4	1974	14.5
19	1981	16.0	1981	16.0	1989	15.4	1973	16.2	1988	12.9	1998	10.5	2003	14.2	1965	4.7	1979	15.1	1968	10.9	1969	2.1	1981	12.0	1981	15.2	1965	13.7	1981	12.8	1989	15.4	1984	14.4
20	1997	16.0	1989	16.0	2004	15.3	1981	16.2	1968	12.8	1968	10.5	1981	14.2	1991	4.6	2003	15.0	1983	10.8	1983	1.9	1974	11.8	1974	15.0	1988	13.7	1984	12.8	1979	15.3	1973	14.3
21	1969	15.8	2004	15.9	2003	15.3	1992	16.2	1998	12.7	1988	10.5	1988	14.1	1981	4.6	1969	15.0	1974	10.7	1981	1.8	1969	11.8	2003	14.7	1983	13.7	1987	12.7	1988	14.9	1979	14.2
22	1989	15.8	1985	15.6	1973	15.3	1989	15.9	1973	12.7	1973	10.3	1968	13.9	1969	4.6	1968	14.9	1965	10.7	2000	1.6	1988	11.7	1983	14.6	1974	13.6	1973	12.5	1965	14.9	1998	14.1
23	1979	15.8	1988	15.6	1969	15.2	2000	15.8	1984	12.3	1979	10.3	1969	13.9	1968	4.3	1986	14.7	1969	10.5	1991	1.6	1968	11.5	1998	14.5	1998	13.6	1965	12.5	1984	14.8	1988	14.1
24	1985	15.8	1969	15.6	1979	15.1	2004	15.7	1979	12.3	1974	10.1	1984	13.8	2000	4.2	1984	14.7	2003	10.4	1966	1.3	1984	11.5	1986	14.5	1973	13.2	1979	12.4	1998	14.7	1981	14.1
25	2004	15.6	1997	15.5	1988	15.0	1964	15.6	1966	12.0	1984	10.1	1974	13.7	2003	4.1	1974	14.6	1984	10.2	2004	1.3	1985	11.3	1988	14.5	1976	13.0	1983	12.4	1983	14.6	1989	14.0
26	1965	15.5	2000	15.5	1964	14.8	1993	15.6	1974	11.9	1969	9.9	2008	13.6	1966	3.8	1988	14.6	1988	10.1	1986	0.9	1965	11.2	1965	14.3	2003	12.9	2002	12.1	1964	14.5	1962	13.7
27	1964	15.1	1965	15.5	1993	14.8	1974	15.5	1969	11.9	1966	9.8	1998	13.5	1988	3.7	1965	14.5	1998	10.0	2003	0.9	1998	11.2	1969	14.3	1964	12.8	1976	12.0	2003	14.5	1976	13.7
28	1986	15.1	1979	15.4	2000	14.8	1997	15.4	1985	11.9	1997	9.7	1965	13.5	1997	3.6	1997	14.4	1964	9.8	1964	0.9	2003	11.2	2004	14.2	1966	12.8	2010	11.8	1986	14.4	2008	13.6
29	1988	15.1	2008	15.4	1998	14.7	1968	15.3	1976	11.8	1976	9.6	1997	13.4	1998	3.6	1992	14.4	1966	9.8	1968	0.9	1964	11.2	1984	14.2	1995	12.7	2001	11.8	1969	14.4	1995	13.6
30	1970	15.1	1978	15.2	1968	14.7	1966	15.3	1997	11.8	2003	9.6	1992	13.4	1964	3.6	2004	14.3	1986	9.8	1997	0.8	1976	11.1	2002	14.2	2008	12.7	1966	11.7	1995	14.4	1964	13.5
31	1974	15.0	2002	15.2	1984	14.5	2008	15.3	2003	11.8	1985	9.6	2000	13.4	1984	3.4	1993	14.3	1992	9.7	1998	0.8	1986	11.0	2008	14.1	2002	12.7	1995	11.6	2002	14.4	2003	13.3
32	2000	15.0	1984	15.2	2008	14.4	1998	15.3	1992	11.5	2008	9.3	1993	13.2	1986	3.4	2000	14.1	2004	9.6	1988	0.8	1997	11.0	1964	14.0	1986	12.6	1986	11.6	1976	14.3	2001	13.3
33	1966	15.0	1993	15.2	1974	14.4	1979	15.2	1964	11.5	1964	9.3	2004	13.1	1980	3.2	1964	14.1	1997	9.3	1992	0.7	2004	10.8	1992	13.9	2010	12.6	2008	11.6	1966	14.3	1986	13.3
34	2008	15.0	1986	15.2	1997	14.2	1988	15.1	2008	11.4	1993	9.3	2002	13.0	2004	3.2	1966	14.1	1985	9.3	1993	0.5	2008	10.8	1966	13.9	2001	12.6	2003	11.5	1962	14.1	1966	13.1
35	1968	14.9	1966	15.1	2002	14.1	1984	15.1	1993	11.3	1992	9.3	1986	13.0	1992	3.2	1985	14.1	2000	9.3	1980	0.5	1966	10.8	1962	13.9	2004	12.5	2004	11.5	1997	14.0	1969	13.0
36	1993	14.8	1974	15.1	1966	14.1	1985	15.0	1995	11.3	2004	9.2	2010	12.9	1976	3.1	2002	14.1	1976	9.3	1984	0.4	1993	10.5	1993	13.8	1997	12.5	1997	11.4	2008	14.0	2002	13.0
37	1978	14.7	1968	15.1	2010	13.8	2002	15.0	2004	11.3	1986	9.1	1966	12.9	1993	3.0	2008	14.0	2002	9.1	2010	0.2	1992	10.5	1995	13.8	1993	12.4	1964	11.3	2004	14.0	2004	13.0
38	1980	14.6	1964	15.0	1985	13.7	1962	14.7	1980	11.0	2010	9.1	2001	12.7	1985	2.9	1998	14.0	2010	9.1	2008	0.2	1995	10.4	1976	13.7	1969	12.4	1969	11.1	1992	13.8	2010	13.0
39	1984	14.6																																

Tab. 6 Poradie priemerných mesačných (september 2012) maxim témplôt vzduchu [°C] na vybraných meteorologických staniciach SR od roku 1961
Order of mean monthly (September 2012) maximum air temperature [°C] at selected meteorological stations of Slovakia since 1961

Por.č.	rok/year	BaK	rok/year	BaL	rok/year	Pie	rok/year	Hu	rok/year	Cad	rok/year	OrL	rok/year	Sli	rok/year	Cho	rok/year	Bol	rok/year	Tel	rok/year	LoS	rok/year	Pop	rok/year	Ke	rok/year	Tis	rok/year	Med	rok/year	Mil	rok/year	KnC
1	1961	24.8	1961	26.1	2011	25.3	1961	26.9	1975	23.4	1999	21.3	1961	25.6	1982	11.1	2011	26.2	1982	20.3	1982	8.7	2011	22.0	2011	25.0	2011	23.9	2006	23.5	1961	25.3	1999	24.2
2	1982	24.5	1982	25.3	1999	25.1	2011	26.7	1982	22.9	2011	20.6	1982	25.6	2011	10.8	1961	26.1	2011	20.0	2011	7.5	1982	21.9	1982	24.3	1982	23.6	1999	23.3	2011	25.1	2011	24.0
3	2011	24.3	2011	25.2	1982	25.0	1982	26.3	1961	22.7	2006	20.5	2011	25.4	1961	10.6	1982	25.6	1961	19.9	2012	7.3	1961	21.7	1961	24.0	1999	23.4	1982	23.2	1967	24.8	1994	24.0
4	1999	23.9	1975	24.8	1961	24.7	1999	25.9	2006	21.8	1982	20.4	2009	24.8	2009	10.3	2009	25.1	1999	19.6	1999	7.1	1999	21.5	2009	23.9	1967	23.3	2011	23.1	1982	24.4	1975	23.9
5	2009	23.6	1999	24.5	2009	24.4	2009	25.5	1999	21.8	1975	19.7	1999	24.5	1999	9.8	2012	25.0	2006	19.1	2005	6.8	2006	21.2	1967	23.8	2006	23.0	1967	22.9	1994	24.3	1982	23.9
6	2006	23.6	1987	24.3	2006	24.4	2006	25.0	2011	21.6	1961	19.6	2006	24.4	1975	9.6	1999	24.4	2009	18.8	1994	6.8	1967	21.1	2012	23.6	2009	22.9	1975	22.5	1999	24.3	1967	23.5
7	1987	23.3	2006	24.3	1975	23.8	2012	24.9	1963	21.4	2009	19.4	1975	23.9	2012	9.4	2006	24.1	1967	18.6	1975	6.8	1975	20.9	1994	23.6	2012	22.7	2012	22.5	2012	24.1	1961	23.5
8	2012	23.3	2009	24.2	2012	23.3	1975	24.8	1967	21.1	1967	19.3	2012	23.8	1967	9.1	1987	23.9	1975	18.5	1961	6.7	1994	20.6	2006	23.4	1994	22.5	2009	22.3	1963	24.0	2009	23.5
9	1975	23.2	2012	24.1	2003	23.1	1987	24.4	2009	21.0	2012	18.9	1987	23.3	1994	8.9	1975	23.8	2012	18.5	2009	6.4	2012	20.4	1999	23.3	1975	22.4	1994	22.2	2009	23.8	2012	23.2
10	1994	23.1	1994	24.1	1967	22.8	1967	24.3	1983	21.0	1963	18.5	2003	23.0	2006	8.9	1994	23.5	1987	18.1	1963	6.1	2009	20.3	1975	23.0	1963	21.8	2005	21.7	1975	23.7	2006	22.9
11	2003	22.6	1992	23.2	1987	22.8	2003	24.0	2012	20.5	2005	18.4	1967	22.9	1963	8.6	1967	23.2	1994	18.0	2006	5.7	1987	20.0	1987	22.6	2005	21.6	1961	21.4	2006	23.6	1963	22.7
12	1991	22.2	1991	23.2	1991	22.7	1994	23.9	1965	20.2	1965	18.2	1983	22.6	1973	8.5	1973	23.0	1963	17.6	1987	5.7	1963	20.0	1963	22.4	1991	21.2	1963	21.3	1962	22.6	2005	22.0
13	1992	22.2	1983	23.1	1994	22.6	1991	23.7	1994	20.1	2003	18.2	1994	22.5	1979	8.5	1986	23.0	1973	17.4	1983	5.5	1983	19.6	2005	22.0	1989	20.7	1989	20.8	2005	22.6	1989	21.6
14	1983	22.2	1979	22.9	1965	22.5	1997	23.5	2005	20.0	1994	18.1	1979	22.4	1987	8.5	1983	22.9	1979	17.4	1967	5.4	1973	19.4	1991	21.8	1965	20.5	1991	20.6	1991	22.3	1974	21.6
15	1997	21.8	1967	22.8	2005	22.4	2005	23.4	2003	19.9	1983	18.0	1973	22.2	2005	8.3	1979	22.8	2005	17.3	1989	5.4	1979	19.1	1989	21.7	2003	20.5	2003	20.5	1965	22.2	1991	21.6
16	1973	21.7	2003	22.7	1979	22.4	1983	23.3	1973	19.9	1987	17.8	2005	22.1	1983	8.2	1963	22.6	2003	17.1	1979	5.1	2005	19.0	1979	21.6	1987	20.4	1965	20.5	1987	22.2	1965	21.5
17	1967	21.7	1997	22.5	1983	22.2	1969	23.3	1987	19.9	1979	17.3	1963	22.0	1989	7.7	1989	22.6	1983	17.1	1973	5.0	2003	19.0	1973	21.4	1979	20.3	1974	20.4	1974	22.1	1987	21.4
18	1979	21.6	1973	22.3	1963	22.0	1992	23.3	1981	19.9	1989	17.3	1989	22.0	1969	7.5	2003	22.5	1989	16.7	1974	5.0	1989	18.9	1986	21.4	1969	20.2	1987	20.3	1973	22.1	1979	21.3
19	2005	21.6	1963	22.3	1992	22.0	1979	23.1	1969	19.8	1969	17.3	1969	21.8	1974	7.4	2005	22.4	1974	16.7	2000	5.0	1969	18.8	1986	21.4	1974	20.1	1983	20.1	1989	21.9	1983	21.2
20	1963	21.3	1985	22.2	2004	21.9	1963	23.1	1979	19.3	1973	17.3	1991	21.7	1991	7.3	1991	22.2	1981	16.6	2004	4.9	1991	18.6	1965	21.1	1983	20.0	1979	20.0	1969	21.8	1973	21.2
21	1986	21.2	1989	22.2	1997	21.9	1973	22.9	1962	19.2	1991	17.1	1986	21.3	2003	7.2	1981	22.1	1986	16.5	1969	4.8	1965	18.6	1992	21.0	1981	20.0	1969	19.8	1979	21.8	2003	21.1
22	2004	21.2	1981	22.2	1981	21.7	1981	22.8	1991	19.0	1981	16.9	1997	21.3	2000	7.1	1969	22.0	1969	16.4	1965	4.6	1997	18.4	1962	20.9	1968	19.8	1981	19.8	2003	21.7	1962	20.9
23	1981	21.1	1986	22.2	1989	21.7	1985	22.6	1989	18.9	1997	16.7	1992	21.2	1981	7.0	2004	22.0	1991	16.3	1991	4.5	1974	18.2	1969	20.9	1992	19.6	1973	19.6	1968	21.6	1981	20.8
24	1965	21.1	1969	22.1	1973	21.6	1962	22.5	1974	18.9	1992	16.3	2004	20.9	1965	6.9	1997	21.8	1965	16.3	1981	4.4	1981	18.2	1981	20.9	1973	19.5	1986	19.5	1981	21.5	1986	20.6
25	1985	21.1	1964	21.9	1964	21.6	1965	22.5	1968	18.8	1968	16.2	1968	20.9	1997	6.7	1985	21.7	1997	15.9	1997	4.0	1962	18.1	2003	20.9	1986	19.4	1992	19.2	1986	21.5	1969	20.6
26	1989	20.9	2005	21.9	1969	21.5	2004	22.4	1992	18.7	1998	16.2	2008	20.9	1986	6.5	1992	21.6	1992	15.8	1986	4.0	1986	17.8	1968	20.8	2007	19.2	2004	19.2	1992	21.3	1968	20.2
27	1964	20.7	1965	21.8	1985	20.9	1989	22.3	1964	18.6	1974	16.2	1981	20.8	1968	6.5	1962	21.6	1968	15.8	1966	4.0	1964	17.8	1983	20.6	1984	19.0	1962	19.1	1983	21.0	1992	20.2
28	1969	20.6	2004	21.6	2000	20.9	1986	22.3	1966	18.5	2004	16.2	1962	20.8	1964	6.4	1968	21.5	2000	15.7	1992	3.9	1968	17.7	1997	20.0	2004	19.0	1968	19.1	1964	20.8	2007	19.7
29	1993	20.6	1962	21.5	1962	20.6	1964	22.2	1985	18.4	1993	15.9	1974	20.7	1966	6.4	1974	21.4	2004	15.7	2003	3.8	1993	17.7	1988	20.0	2007	18.9	1984	18.9	1997	20.7	1964	19.6
30	1962	20.6	1970	21.5	1966	20.6	1993	22.0	1993	18.3	2000	15.8	1966	20.6	1988	6.2	1993	21.4	1962	15.6	1964	3.8	1992	17.6	1964	19.9	2002	18.9	2007	18.7	1988	20.4	1988	19.5
31	1970	20.5	1978	21.5	2002	20.5	2000	22.0	2004	18.1	1966	15.8	1985	20.6	1992	6.1	1965	21.0	1964	15.5	1998	3.4	1985	17.6	1984	19.9	1988	18.8	2002	18.6	1984	20.1	1997	19.5
32	1966	20.3	1966	21.4	1993	20.4	1966	22.0	1986	17.8	1964	15.6	1993	20.5	2004	6.1	1966	20.9	1966	15.4	1988	3.4	2004	17.6	1993	19.9	1964	18.7	2000	18.5	2004	20.1	1998	19.5
33	1974	20.1	1974	21.4	2008	20.4	1970	21.9	1984	17.7	1980	15.5	2000	20.5	1980	6.0	1988	20.9	1985	15.4	1968	3.3	1984	17.5	1985	19.8	2000	18.6	1998	18.5	1993	20.1	2004	19.3
34	2000	20.1	1988	21.2	1968	20.4	1974	21.8	1970	17.7	1986	15.5	1964	20.5	1985	5.8	1964	20.8	1980	15.3	2008	3.2	1966	17.2	2007	19.7	1998	18.6	1988	18.4	2002	20.0	2000	19.3
35	1988	20.0	1993	21.0	1986	20.3	2008	21.6	1997	17.7	1985	15.5	1965	20.4	1962	5.7	2000	20.8	1984	15.2	1980	3.2	2000	17.2	2000	19.7	1993	18.6	1964	18.4	2007	19.9	2002	19.2
36	2008	20.0	2000	20.9	1988	20.3	1968	21.5	1988	17.7	1962	15.4	1988	20.2	1970	5.6	1984	20.8	1993	15.2	1993	3.1	1988	17.2	2004	19.6	1995	18.3	1997	18.2	2008	19.8	1995	19.2
37	1978	19.8	1968	20.8	1970	20.3	2002	21.3	2000	17.6	1988	15.3	1970	20.0	1984	5.6	2002	20.6	1988	14.9	1962	2.9	1980	17.0	2002	19.3	1985	18.1	1993	17.9	1966	19.8	1984	19.1
38	1980	19.6	1980	20.8	1974	20.2	1988	21.2	1998	17.5	2007	15.2	1984	19.9	1993	5.5	2008	20.6	2002	14.7	1984	2.9	1998	16.8	1995	19.2	2008	18.1	1995	17.9	2000	19.7	1993</	

Tab. 7 Poradie absolútnych mesačných (september 2012) maxim teploty vzduchu [°C] usporiadaných zostupne na vybraných staniciach SR od roku 1961
Order of absolute monthly (September 2012) maximum air temperature [°C] at selected stations of Slovakia since 1961

Por.č.	rok/year	BaK	rok/year	BaL	rok/year	Pie	rok/year	Hu	rok/year	Cad	rok/year	OrL	rok/year	Sli	rok/year	Cho	rok/year	Bol	rok/year	Tel	rok/year	LoS	rok/year	Pop	rok/year	Ke	rok/year	Tis	rok/year	Med	rok/year	Mil	rok/year	KnC
1	1973	32.8	1987	34.0	2008	32.4	2008	33.6	1973	30.2	2011	28.2	2008	32.7	1975	18.2	2012	33.2	2012	27.4	2012	14.5	2008	29.9	2012	33.0	2008	31.1	2012	31.6	2008	33.4	2012	31.6
2	2008	32.8	2008	32.9	1982	31.7	1982	33.4	1975	30.2	2008	27.3	2012	32.6	2012	17.6	2008	33.1	1975	27.0	2011	13.9	1961	29.8	2008	32.4	2012	30.8	2008	30.0	2012	32.6	2008	31.4
3	2012	31.9	1973	32.6	1973	31.6	1961	33.0	2011	30.0	1975	27.1	1961	32.5	2008	16.5	1973	32.3	1961	26.7	1994	13.7	1982	29.1	1987	31.5	1973	30.3	2002	29.3	1973	31.8	1994	30.4
4	1982	31.4	2011	32.1	1987	31.3	2011	33.0	1983	29.6	1973	26.8	1973	32.4	1961	16.2	1961	32.1	1982	26.3	1998	13.6	2012	28.8	1990	30.9	2011	30.0	1962	29.0	1994	31.7	1962	30.3
5	1987	31.4	1961	31.8	2011	31.2	1973	32.2	1962	29.1	1961	26.7	1982	31.3	1982	16.0	1982	32.1	1973	25.8	1961	13.4	1973	28.7	1973	30.8	1967	29.0	1962	29.0	1962	31.5	1982	30.3
6	1962	31.2	1982	31.7	2012	31.0	2009	32.2	1982	29.1	2003	26.6	2011	30.9	2003	16.0	1987	32.0	2011	25.8	1975	13.0	2011	28.6	1982	30.5	1994	29.4	1984	29.0	1961	31.0	1973	30.0
7	2011	31.1	2012	31.6	1961	30.7	1962	32.1	2012	28.8	1983	26.4	1967	30.6	1963	15.8	2011	31.0	2008	25.0	1963	12.9	1994	28.4	2011	30.4	1992	29.0	2011	28.8	1967	30.9	1992	30.0
8	1984	30.8	1962	31.0	1967	30.6	1967	32.0	1964	28.7	2012	26.4	1987	30.1	1986	15.5	1990	30.9	1990	24.9	2008	12.6	1983	28.0	1967	30.1	2002	28.7	1973	28.7	1963	30.5	2002	29.9
9	2003	30.6	1984	30.8	1962	30.5	1987	31.9	1970	28.6	1982	26.3	1984	30.0	2011	15.4	2009	30.3	1987	24.7	1982	12.2	1986	27.9	1994	30.0	1982	28.3	1982	28.7	2011	30.5	2011	29.8
10	1961	30.5	1978	30.7	2003	30.4	2012	31.8	1961	28.4	1997	25.2	1990	30.0	1967	15.3	1962	30.2	2003	24.7	1986	12.2	1967	27.8	1961	29.9	1963	28.2	1975	28.5	1992	30.4	1967	29.7
11	1967	30.4	1967	30.6	2009	30.0	2003	31.1	2008	28.2	2002	25.2	1975	29.7	1973	15.2	1994	30.2	1967	24.4	2000	12.2	2003	27.5	1962	29.8	1975	28.2	1989	28.5	1982	30.0	1983	29.4
12	2009	30.2	2003	30.6	1997	29.6	1984	30.8	1963	28.1	1962	25.0	2003	29.6	2009	15.1	1984	30.1	1989	24.1	2003	12.2	1962	27.3	2009	29.7	1968	28.0	1983	28.2	2002	30.0	1987	29.3
13	1997	29.8	1989	30.4	1975	29.4	1991	30.5	1967	28.0	1965	25.0	2009	29.3	1989	14.8	1967	29.8	1963	24.0	2005	12.0	1984	27.3	1984	29.0	1983	28.0	1994	28.2	1990	29.9	1961	29.2
14	1983	29.2	1994	30.4	2002	29.3	1994	30.4	2003	27.6	1967	25.0	1983	29.2	1990	14.8	1975	29.4	1986	24.0	1983	11.7	1975	27.1	1992	28.9	1984	28.0	1968	27.6	2009	29.6	1975	29.2
15	1994	29.1	1970	30.0	1977	29.0	1997	30.4	1981	27.4	1977	25.0	1994	29.0	1983	14.7	1986	29.4	1997	23.8	1997	11.7	1990	26.8	1963	28.6	1989	27.8	1992	27.5	1983	29.5	1963	28.6
16	1991	28.6	1974	30.0	1984	29.0	2002	30.1	1979	27.0	1986	25.0	1986	28.9	2006	14.5	1977	29.2	1977	23.7	1970	11.5	2006	26.4	1983	28.6	2009	27.6	1961	27.4	1987	29.5	1984	28.6
17	2005	28.6	1983	30.0	1991	29.0	1970	30.0	1984	27.0	1994	25.0	1999	28.9	2000	14.4	1983	29.2	2009	23.7	1973	11.4	1970	26.3	2006	28.6	1977	27.5	1990	27.2	1968	29.2	1977	28.4
18	1970	28.3	1997	29.9	2005	29.0	1975	30.0	1994	27.0	1963	24.7	2005	28.9	1999	14.2	1991	29.0	1994	23.5	1979	11.4	1963	26.2	1991	28.4	1981	27.3	2003	27.1	1984	29.2	1986	28.3
19	2002	28.3	2009	29.8	1994	28.8	1983	30.0	1965	26.8	1964	24.7	1962	28.8	1991	13.7	2003	29.0	1993	23.3	1987	11.4	1987	25.9	1975	28.0	1986	27.0	1963	27.0	1981	28.9	1989	28.3
20	2006	28.2	1975	29.7	1999	28.8	2005	29.9	1976	26.8	1970	24.7	1977	28.5	1994	13.7	1981	28.8	1984	23.1	1965	11.1	2009	25.7	1986	28.0	1990	26.6	2006	26.8	1986	28.7	1990	28.3
21	1975	28.1	1977	29.7	1978	28.6	1985	29.7	1977	26.8	2005	24.7	1989	28.4	1985	13.6	2002	28.7	2004	23.0	1980	11.0	1977	25.6	1995	28.0	1987	26.5	1977	26.7	1976	28.5	1968	28.0
22	1986	28.1	1991	29.7	1983	28.5	2006	29.7	1989	26.8	2009	24.6	1991	28.4	1987	13.4	1989	28.6	2002	22.9	1990	10.8	1989	25.6	1977	27.9	2003	26.5	1987	26.7	1977	28.5	2009	27.8
23	2000	28.1	1985	29.5	2004	28.5	1999	29.6	1986	26.7	1985	24.0	1997	28.4	1962	13.3	1997	28.6	1970	22.7	2006	10.8	2005	25.6	1981	27.9	2006	26.5	2005	26.7	2004	28.4	1995	27.7
24	1964	28.0	1964	29.2	1964	28.4	1978	29.5	1969	26.6	1989	24.0	2002	28.4	1977	13.3	1985	28.4	1983	22.7	1981	10.7	1964	25.5	2002	27.8	1997	26.4	1986	26.6	1991	28.2	1970	27.6
25	1977	28.0	2006	29.2	1965	28.4	1964	29.3	1985	26.6	1991	24.0	1985	28.0	1979	13.3	1993	28.1	1985	22.6	1977	10.6	1985	25.4	1989	27.5	1991	26.3	2009	26.6	1993	28.2	2003	27.6
26	1979	28.0	1981	29.0	1970	28.4	1965	29.2	2002	26.5	1984	23.7	1963	27.8	2004	13.3	1979	28.0	1999	22.6	1989	10.6	1991	25.4	1993	27.5	1979	26.2	1972	26.5	1995	28.2	1981	27.4
27	1981	28.0	1986	28.9	2000	28.3	1981	29.2	1966	26.4	2006	23.7	1968	27.8	1970	13.2	1963	27.9	1962	22.4	2004	10.4	1997	25.4	2003	27.4	1999	25.9	1974	26.5	2003	28.2	1991	27.3
28	1978	27.8	1979	28.8	1989	28.1	1977	29.0	1974	26.1	1966	23.5	2000	27.8	2005	13.0	1999	27.7	1991	22.3	1985	10.3	1981	25.0	1968	27.2	2005	25.8	1999	26.5	1970	28.0	1976	27.0
29	1989	27.8	1965	28.3	1985	27.6	1986	29.0	1991	26.1	1981	23.5	1992	27.7	1993	12.9	2005	27.7	2005	22.3	2009	10.3	1999	25.0	2005	27.2	1970	25.7	1981	26.1	1989	28.0	1979	27.0
30	1974	27.5	1999	28.3	1992	27.6	1966	28.8	2005	26.1	1987	23.5	1970	27.5	1997	12.7	1964	27.6	1974	22.0	1962	10.2	1976	24.9	1974	26.9	1976	25.7	2004	26.1	1974	27.8	2005	26.9
31	1985	27.5	1963	28.2	1963	27.5	1990	28.8	1987	26.0	1999	23.4	1979	27.5	1965	12.6	1968	27.6	1968	21.8	1964	10.1	1979	24.8	1997	26.6	1993	25.6	1991	26.0	1975	27.8	1997	26.8
32	2004	27.3	2005	28.2	1979	27.5	2000	28.8	2009	25.8	1968	23.2	1964	27.4	1981	12.6	2000	27.6	1964	21.7	1999	10.1	1993	24.7	1965	26.5	1965	25.4	1995	26.0	1979	27.8	1972	26.7
33	1999	27.2	1992	28.1	1986	27.5	1963	28.6	1968	25.7	1979	23.2	1981	27.4	2002	12.2	1992	27.5	1979	21.7	1974	9.9	2000	24.6	1979	26.5	1972	25.4	2000	26.0	2006	27.5	1965	26.6
34	1963	27.0	2004	28.0	1968	27.3	1993	28.6	2006	25.6	2004	23.1	2006	27.4	1964	12.1	1970	27.4	1981	21.6	1968	9.8	1965	24.5	1976	26.4	1995	25.4	1979	25.7	1965	27.4	1999	26.5
35	1965	27.0	2000	27.9	2006	27.2	1979	28.5	1972	25.2	1976	23.0	2004	27.3	1968	12.0	1988	27.4	2006	21.4	1993	9.8	2002	24.5	2000	26.4	1974	25.3	1997	25.7	1997	27.3	2006	26.5
36	1993	27.0	1988	27.5	1981	27.1	1989	28.5	1997	25.2	1988	23.0	1969	27.1	1984	12.0	1974	27.3	1978	21.3	1966	9.5	1966	24.4	2004	26.4	2000	25.3	1970	25.5	2005	27.3	1985	26.3
37	1976	26.9	2002	27.5	1993	26.7	2004	28.5	1993	25.1	1993	22.8	1966	26.6	1980	11.8	2004	27.3	2000	21.3	1984	9.5	2004	24.3	1972	26.3	2004	25.3	1976	25.5	1972	27.2	1988	26.3
38	1988	26.8	1995	27.4	1966	26.6	1974	28.1	2000	25.0	1974	22.5	1974	26.6	1974	11.7	1966	27.0	1965	21.0	1991	9.5	1968	24.2	1985	26.3								

Tab. 8 Poradie priemerných mesačných (september 2012) minimí teplôt vzduchu [°C] na vybraných meteorologických staniciach SR od roku 1961
Order of mean monthly (September 2012) minimum air temperature [°C] at selected meteorological stations of Slovakia since 1961

Por.č.	rok/year	BaK	rok/year	BaL	rok/year	Pie	rok/year	Hu	rok/year	Cad	rok/year	OrL	rok/year	Sli	rok/year	Cho	rok/year	Bol	rok/year	Tel	rok/year	LoS	rok/year	Pop	rok/year	Ke	rok/year	Tis	rok/year	Med	rok/year	Mil	rok/year	KnC
1	1982	14.2	1999	13.4	1982	12.5	1999	13.4	1963	9.9	1994	7.4	1994	10.3	1982	5.8	1994	12.0	1982	8.9	1982	3.5	1994	9.3	1967	12.4	1994	11.6	1994	9.7	1994	13.0	1994	12.2
2	1999	14.1	1994	13.2	1999	12.2	1994	13.0	1994	9.9	1982	6.7	1982	10.1	1999	4.7	1967	11.7	1994	8.7	1994	2.3	1982	8.8	2009	11.8	1967	11.1	1998	9.2	1967	12.3	1967	11.2
3	2009	13.8	1987	13.0	2006	12.2	1982	12.6	1975	9.5	1987	6.6	1999	10.1	2011	4.7	1982	11.6	1999	8.6	1961	2.1	1967	7.9	1999	11.8	1982	10.4	1967	9.2	1999	12.1	1968	10.8
4	2011	13.6	2009	12.8	1994	12.1	1975	12.6	1982	9.5	1998	6.5	1967	10.0	1975	4.5	1999	11.0	1967	8.3	2011	2.0	1979	7.6	2011	11.7	1999	10.3	1968	9.1	1982	11.9	1982	10.5
5	1987	13.5	2011	12.7	1975	11.8	2005	12.4	1967	9.4	1999	6.4	1963	9.9	1961	4.5	1963	10.9	2011	8.1	1975	1.5	1987	7.6	1982	11.5	1963	10.3	1982	9.0	2011	11.6	1999	10.3
6	1994	13.4	2012	12.6	1963	11.8	1987	12.1	1988	9.1	2009	6.1	2005	9.8	1994	4.2	1975	10.8	1963	7.8	2005	1.3	1963	7.5	1994	11.5	1968	9.9	1988	8.7	1963	11.5	1976	10.0
7	2006	13.3	1982	12.6	1967	11.7	2012	12.0	1998	8.9	1988	6.0	1975	9.7	2009	4.2	2005	10.7	2009	7.7	1963	1.2	1975	7.4	1963	11.4	1984	9.7	1963	8.4	1968	11.2	1998	9.8
8	1975	13.3	2005	12.5	2005	11.7	2006	11.9	1989	8.8	2012	6.0	2009	9.5	1967	4.1	2011	10.3	2006	7.6	1999	1.2	1999	7.4	2012	11.2	1975	9.7	2012	8.2	2012	11.1	1963	9.7
9	2005	12.8	2006	12.3	2009	11.6	1967	11.9	1984	8.8	2011	6.0	2001	9.4	1963	4.1	2012	10.3	2012	7.4	1967	1.2	1968	7.2	2006	11.0	1988	9.5	1984	8.1	2009	10.9	1984	9.6
10	1961	12.6	1975	11.7	1965	11.2	2011	11.8	2006	8.7	2001	5.9	1968	9.3	2005	3.7	1968	9.9	1968	7.2	2012	1.1	1988	7.1	2005	10.9	1998	9.5	1999	8.1	2006	10.8	1988	9.6
11	1991	12.4	1991	11.7	2011	11.2	1963	11.7	1999	8.5	1963	5.8	1989	9.3	2006	3.7	2010	9.8	2005	7.1	2009	1.0	2009	7.1	1989	10.8	2012	9.4	1976	8.0	1998	10.7	2012	9.4
12	1981	12.3	1963	11.5	1987	11.2	2009	11.5	1991	8.5	2005	5.7	2012	9.1	2012	3.5	1989	9.8	1989	6.9	2006	0.3	2011	7.1	1968	10.8	1976	9.4	1974	7.8	2005	10.5	2001	9.3
13	1963	12.3	1967	11.5	1998	10.7	1965	11.3	1981	8.4	2010	5.6	2010	9.1	1989	3.1	1984	9.7	1998	6.9	1979	0.1	1984	7.0	1998	10.6	1989	9.4	2001	7.6	2002	10.2	1975	9.2
14	2012	12.2	1998	11.5	2012	10.7	1981	11.2	1968	8.4	1984	5.5	2011	9.1	1987	3.0	2006	9.7	1981	6.9	1989	0.0	1998	7.0	1975	10.4	2009	9.2	2011	7.6	1988	10.2	2011	9.1
15	1989	12.2	1988	11.3	1981	10.7	1991	11.2	1976	8.2	1979	5.3	1998	9.0	1973	3.0	2009	9.7	1961	6.8	1965	0.0	2005	6.9	1987	10.3	2005	8.9	1975	7.6	1989	10.1	1974	9.0
16	1967	11.9	2000	11.3	1989	10.6	2000	11.2	1965	8.2	1981	5.3	2006	8.9	1979	2.9	1987	9.6	1984	6.7	1973	0.0	1983	6.9	1973	10.3	2011	8.9	1989	7.5	1975	10.1	1995	9.0
17	1973	11.8	1981	11.3	1988	10.5	1992	10.9	2009	8.1	2006	5.3	1987	8.8	1981	2.5	1981	9.6	1979	6.7	1974	-0.2	2012	6.7	1981	9.9	2008	8.9	2008	7.5	1995	10.1	1983	9.0
18	1988	11.6	1984	11.2	1992	10.4	1998	10.9	2005	8.1	1991	5.3	1988	8.6	1968	2.5	1973	9.6	1991	6.6	1969	-0.2	1989	6.7	1988	9.9	2010	8.9	2009	7.5	1981	10.1	2010	8.9
19	1997	11.6	2002	11.2	1993	10.4	1993	10.9	2001	8.1	2008	5.0	1981	8.5	1974	2.5	2001	9.5	1965	6.5	1987	-0.4	1976	6.5	1961	9.8	1974	8.8	2005	7.4	1976	10.0	2008	8.8
20	1969	11.6	1989	11.2	1983	10.3	1973	10.8	1979	7.8	1967	4.9	1976	8.5	1965	2.1	1988	9.5	1975	6.4	1981	-0.8	1973	6.5	1976	9.8	2001	8.8	2002	7.4	1987	9.9	1973	8.8
21	2000	11.5	2008	10.9	1968	10.3	1989	10.8	1985	7.5	1975	4.9	1965	8.4	1969	2.1	1969	9.4	1987	6.2	1968	-1.0	1981	6.4	1979	9.8	1979	8.8	2010	7.3	2010	9.9	1991	8.8
22	2004	11.4	1973	10.9	1984	10.3	1984	10.8	1974	7.5	1995	4.7	1991	8.4	1991	2.0	1965	9.3	1983	6.1	2000	-1.0	1991	6.4	2008	9.7	1981	8.8	2006	7.3	1974	9.8	1965	8.8
23	2003	11.3	2010	10.8	1991	10.2	1969	10.7	2008	7.5	1989	4.6	1995	8.3	1983	1.9	1998	9.3	2010	6.0	1966	-1.3	2010	6.2	2003	9.7	1966	8.7	1981	7.2	1979	9.7	1981	8.8
24	1985	11.3	1992	10.8	2000	10.1	1988	10.7	1990	7.4	1990	4.5	1984	8.1	2000	1.9	1976	9.2	1973	5.9	1964	-1.5	2008	6.1	2002	9.7	2006	8.7	1973	7.2	1973	9.7	1989	8.6
25	1966	11.2	1968	10.7	1973	10.1	2010	10.7	1987	7.4	1978	4.5	1969	8.0	1988	1.8	1995	9.2	1969	5.8	1991	-1.5	1974	6.0	1974	9.7	1983	8.6	1979	6.8	2001	9.6	1966	8.5
26	1965	11.2	2001	10.7	2010	10.0	1974	10.6	1995	7.4	1996	4.4	2002	8.0	2003	1.6	1991	9.0	1988	5.8	1983	-1.5	1965	6.0	2010	9.6	1995	8.6	1991	6.7	2008	9.5	1979	8.5
27	1992	11.2	1993	10.7	1969	9.8	2001	10.5	1966	7.3	2007	4.2	1974	7.9	1984	1.5	2002	9.0	1976	5.7	1988	-1.6	2001	5.9	1966	9.5	1965	8.6	1965	6.6	1984	9.4	2006	8.4
28	1984	11.2	1985	10.6	1976	9.8	2008	10.5	1997	7.3	1983	4.2	1973	7.8	1998	1.5	1974	9.0	2003	5.6	1998	-1.6	1961	5.9	2001	9.3	1987	8.6	1983	6.6	1984	9.3	2005	8.4
29	2002	11.2	2004	10.6	2002	9.6	1983	10.5	1973	7.2	1985	4.2	2008	7.6	1966	1.2	1983	8.8	1974	5.6	2003	-1.7	1995	5.9	1983	9.3	1973	8.4	1987	6.6	1991	9.2	2009	8.3
30	1979	11.2	1969	10.6	1961	9.5	1968	10.4	1983	7.2	1997	4.1	2000	7.3	1976	1.2	2008	8.7	1964	5.4	2004	-1.7	2006	5.8	1984	9.2	1991	8.4	1966	6.5	1961	9.2	1987	8.2
31	1998	11.1	1965	10.6	1979	9.5	1976	10.4	2012	7.1	1968	4.1	1966	7.3	1997	1.0	1979	8.6	2002	5.3	1986	-1.8	1969	5.7	2004	9.2	2002	8.3	1990	6.4	1983	9.1	2002	8.1
32	1974	10.9	1961	10.5	2001	9.5	2004	10.2	1980	7.1	1965	4.1	1979	7.3	1992	0.9	1993	8.6	1995	5.3	1992	-1.8	1985	5.6	1991	9.1	1993	7.9	1995	6.4	1966	9.1	1993	8.0
33	1983	10.9	1978	10.4	2008	9.4	1966	10.2	1978	7.0	1980	4.0	1996	7.1	1980	0.9	1966	8.6	1966	5.3	1993	-1.9	1966	5.6	1965	9.1	1980	7.9	1997	6.2	2004	9.0	1990	7.9
34	2010	10.9	1966	10.4	1995	9.3	1995	10.2	2010	6.9	1961	4.0	1983	7.1	1964	0.9	2003	8.3	2001	5.3	1984	-1.9	2002	5.6	1995	9.0	1997	7.8	2004	6.1	1996	9.0	1978	7.8
35	1978	10.9	1974	10.4	2004	9.2	2002	10.1	2011	6.9	2002	4.0	1980	6.9	2002	0.9	1997	8.1	2004	5.2	1997	-1.9	1964	5.5	1964	8.9	1996	7.7	1978	6.0	2000	8.9	1997	7.8
36	1968	10.8	2003	10.3	1974	9.1	2003	9.9	1993	6.9	1973	3.9	1993	6.9	2008	0.8	2004	8.1	2000	5.2	2010	-2.0	1986	5.5	1969	8.7	1990	7.7	1980	6.0	1993	8.8	1964	7.7
37	1980	10.8	1995	10.3	1964	9.0	1964	9.8	1992	6.7	2003	3.8	1964	6.8	2004	0.7	1992	8.1	2008	5.1	1976	-2.0	1978	5.3	1993	8.7	2004	7.6	2007	5.9	1965	8.8	1996	7.7
38	1993	10.7	1983	10.1	1966	9.0	1979	9.6	2002	6.7	1974	3.8	1997	6.7	2010	0.7	1961	8.0	1992	5.0	1980	-2.1	2004	5.3	1996	8.5	1985	7.5	1996	5.9	1980	8.8	2004	7.7
39	2008	10.7	1976	10.0	1978	8.6	1961	9.6	2007	6.7	1993	3.8	2004	6.6	1986	0.6	1964	8.0	1997	4.9	2008	-2.2	1993	5.1	2000	8.4	1978	7.5	1986	5.8	2003	8.7	1961	7.5
40	1964	10.6	1997	10.0	1997	8.4	1985																											

Tab. 9 Poradie absolútnych mesačných (september 2012) minim teploty vzduchu [°C] usporiadaných zostupne na vybraných staniciach SR od roku 1961
Order of absolute monthly (September 2012) minimum air temperature [°C] at selected meteorological stations of Slovakia since 1961

Por.č.	rok/year	BaK	rok/year	BaL	rok/year	Pie	rok/year	Hu	rok/year	Cad	rok/year	OrL	rok/year	Sli	rok/year	Cho	rok/year	Bol	rok/year	Tel	rok/year	LoS	rok/year	Pop	rok/year	Ke	rok/year	Tis	rok/year	Med	rok/year	Mil	rok/year	KnC
1	1999	11.0	1999	9.6	1982	8.5	1999	10.6	1988	5.7	1994	2.2	1999	6.0	1982	1.0	1999	7.5	1994	4.0	1967	-1.1	1994	3.4	2009	7.4	1994	6.4	1994	5.5	1994	8.3	1994	7.0
2	1982	10.6	2011	8.4	1999	8.4	2005	7.7	1982	5.0	1982	2.0	1989	5.6	1999	0.1	1982	6.6	1999	4.0	1961	-3.7	1988	3.2	1998	6.8	1982	5.0	1998	4.4	1988	7.0	1988	4.5
3	2006	9.1	1989	7.7	2009	6.8	1982	7.4	1999	4.2	1999	1.3	2009	4.7	2011	-0.2	2005	6.0	2011	3.9	1999	-3.8	1963	2.5	1982	6.7	1988	5.0	1982	3.0	2009	6.8	1982	4.0
4	2009	9.0	1994	7.5	2011	6.6	2011	6.8	1990	4.1	2009	1.0	1982	4.6	1994	-0.6	1988	5.8	1982	3.6	1965	-4.0	1982	2.0	1988	6.5	1998	4.3	1988	3.0	1999	6.7	1990	4.0
5	1988	8.7	2000	7.5	2000	6.3	2000	6.7	1981	4.0	1988	0.5	1965	4.0	2006	-0.7	1989	5.4	2009	3.2	1994	-4.0	1967	1.7	1999	6.1	2008	4.1	2006	2.4	2005	6.7	2006	3.8
6	2011	8.7	1988	7.4	1988	6.2	1975	6.2	2006	3.9	2001	0.5	2011	4.0	2009	-1.2	2011	5.3	1967	3.0	2011	-4.5	2009	1.7	2006	6.0	1990	3.8	1990	2.0	1967	6.5	2009	3.6
7	1981	8.6	1982	7.2	1989	6.1	1989	6.1	1994	3.7	1963	0.4	1988	3.6	1967	-1.3	2009	5.2	2006	2.7	1982	-4.7	1999	1.1	1967	5.7	2010	3.8	2008	2.0	2006	6.4	1963	3.5
8	1991	8.4	2005	7.2	1967	5.4	2006	6.1	1978	3.6	1981	0.2	2006	3.5	1988	-1.8	1967	5.0	1989	2.6	2005	-5.7	1989	1.0	2003	5.6	1980	3.7	2009	1.8	2011	6.1	1967	3.4
9	2000	8.3	1991	7.1	1998	5.4	1988	6.0	2001	3.4	1978	0.0	1967	3.3	1975	-1.9	2006	4.9	2005	2.6	1988	-6.0	2011	1.0	2011	5.6	2006	3.7	2005	1.7	2002	5.6	2010	3.3
10	1998	8.2	2006	7.1	2006	5.2	1998	5.9	2009	3.3	1998	0.0	2001	3.3	1961	-2.0	2001	4.7	1988	1.6	2006	-6.1	1998	0.9	2010	5.2	1967	3.6	1967	1.6	1982	5.5	1984	3.0
11	1992	7.8	2009	7.0	1965	4.6	2009	5.9	1963	3.1	2005	0.0	2005	3.3	1965	-2.0	2010	4.6	1965	1.1	2010	-6.2	2005	0.7	1980	4.8	2009	3.6	1991	1.5	2010	5.4	1998	2.8
12	1967	7.7	1998	6.7	1981	4.4	1967	5.8	1965	3.1	2011	-0.2	1975	3.0	2005	-2.7	1994	4.5	1998	1.0	1975	-6.4	1965	0.6	1976	4.7	2012	3.0	2010	1.5	1998	5.2	2005	2.6
13	2004	7.7	1992	6.2	1992	4.2	1965	5.4	1980	3.0	1990	-0.3	2010	2.9	1966	-2.8	1984	4.4	2003	0.9	2001	-6.9	1978	0.5	1989	4.6	1975	2.7	2011	1.5	1965	4.8	2008	2.5
14	1965	7.6	1963	6.0	1996	4.2	1981	5.2	1989	3.0	1984	-0.5	1963	2.7	1998	-3.1	1963	3.9	1984	0.7	1993	-7.0	2006	0.5	1994	4.5	2005	2.7	1980	1.0	1996	4.4	2011	2.5
15	1961	7.4	1981	6.0	2005	4.2	1976	4.9	1967	2.8	1991	-0.5	2002	2.7	1989	-3.2	1965	3.8	1992	0.7	1984	-7.4	1980	0.2	1996	4.3	1963	2.1	2002	0.8	1975	4.2	1965	2.4
16	1980	7.4	1995	5.9	2010	4.2	2001	4.9	1998	2.7	2006	-0.5	1981	2.3	1981	-3.4	1975	3.8	1980	0.6	1989	-7.4	1984	0.0	2001	4.2	1965	1.8	2003	0.8	1980	4.2	1980	2.2
17	2012	7.3	1984	5.8	1975	4.1	1963	4.8	2008	2.5	1971	-0.6	1998	2.2	2001	-3.4	1981	3.6	2001	0.5	1998	-7.5	2008	0.0	1964	4.1	2011	1.8	1965	0.5	1990	4.2	2012	2.2
18	1976	7.2	1967	5.7	1961	4.0	1994	4.8	1972	2.4	1980	-1.1	1984	2.0	1992	-3.8	1980	3.0	2000	0.3	2009	-7.6	2010	-0.1	2005	4.1	1984	1.6	1974	0.4	1964	4.1	1992	1.5
19	1983	7.2	2001	5.7	1983	4.0	1996	4.8	1991	2.4	1987	-1.2	1994	2.0	2000	-3.8	1996	2.6	2010	0.2	1981	-7.8	1996	-0.3	1975	4.0	1989	1.6	1975	0.4	2003	4.0	2001	1.4
20	1975	7.1	1978	5.4	1963	3.9	2003	4.8	1996	2.4	1996	-1.3	2000	1.9	1980	-4.0	2012	2.5	1963	0.0	2002	-7.8	1975	-0.4	2002	3.9	1979	1.5	2001	0.4	2008	4.0	1964	1.3
21	1997	7.0	1964	5.3	1994	3.9	1984	4.6	2005	2.3	2010	-1.4	1980	1.6	1984	-4.0	1993	2.4	1964	0.0	2008	-7.8	1964	-0.5	2008	3.9	1987	1.3	1978	0.2	1995	3.8	1995	1.3
22	1966	6.9	1975	5.3	1984	3.5	1961	4.5	1985	2.0	1989	-1.5	2008	1.5	2003	-4.0	2000	2.4	2002	0.0	1974	-8.0	1992	-0.5	1984	3.6	1999	0.9	1984	0.0	1963	3.5	1983	1.2
23	2003	6.9	2010	5.3	2012	3.3	1992	4.4	1975	1.9	2012	-1.7	1976	1.4	2004	-4.0	1976	2.2	1996	-0.1	2000	-8.0	2004	-0.5	1987	3.5	1996	0.7	1999	-0.1	1974	3.5	2004	1.1
24	2010	6.8	1976	5.2	1980	3.2	2010	4.4	1968	1.8	1975	-1.8	1990	1.4	1996	-4.2	1992	2.0	2008	-0.1	1996	-8.1	1969	-0.6	1990	3.5	2003	0.7	2012	-0.1	1984	3.4	1975	1.0
25	1973	6.5	1980	5.1	1985	3.1	1969	3.9	1971	1.7	2008	-1.8	1993	1.0	1962	-4.4	2008	2.0	2004	-0.3	1962	-8.2	1974	-0.7	1981	3.4	1974	0.6	1963	-0.2	2000	3.4	1978	1.0
26	1984	6.4	1985	5.0	2007	3.1	1985	3.9	1976	1.6	2004	-1.9	1966	0.9	2002	-4.5	1998	1.9	2007	-0.3	1992	-8.2	1985	-0.7	1983	3.4	2002	0.6	1979	-0.2	1985	3.3	1989	0.9
27	1994	6.2	2004	4.9	2001	3.0	2004	3.7	1984	1.6	2003	-2.0	2004	0.9	2008	-4.5	1969	1.8	2012	-0.3	1976	-8.4	2001	-0.8	2004	3.4	2004	0.6	2004	-0.2	1962	3.0	1999	0.8
28	2001	5.8	1961	4.6	1990	2.9	2008	3.7	1974	1.4	1995	-2.1	2003	0.8	1974	-4.6	1995	1.6	1962	-0.6	1997	-8.5	2012	-0.8	1992	3.3	1966	0.5	1989	-0.3	1981	3.0	1996	0.5
29	2007	5.8	1965	4.6	2004	2.8	1990	3.6	1992	1.4	2000	-2.1	1964	0.7	1976	-4.6	2002	1.6	1976	-0.6	1968	-8.6	1990	-1.0	2000	3.3	1983	0.5	1962	-0.6	1987	2.9	1991	0.4
30	1986	5.6	2003	4.6	1966	2.6	1964	3.5	1987	1.1	1961	-2.5	2012	0.7	1986	-4.8	2003	1.6	1966	-0.7	2004	-8.7	1987	-1.2	1965	3.2	2001	0.5	1966	-0.8	1966	2.7	2003	0.4
31	1989	5.6	1996	4.1	1986	2.6	1983	3.4	2011	1.1	1979	-2.5	1969	0.6	1993	-4.8	2007	1.6	1975	-0.7	1990	-8.9	1991	-1.3	1962	2.9	1968	0.4	1983	-0.8	2007	2.7	1966	0.3
32	2008	5.6	2012	4.1	2002	2.4	1974	3.3	1995	1.0	1992	-2.5	1996	0.4	1973	-5.0	1964	1.5	1990	-0.7	1966	-9.3	1995	-1.4	1961	2.8	1978	0.4	1964	-1.0	1961	2.5	1962	0.2
33	1978	5.5	1987	3.7	1964	2.3	1991	3.2	2012	1.0	1997	-2.5	1985	0.3	2007	-5.0	2004	1.5	1961	-0.8	2003	-9.3	1966	-1.6	1963	2.8	1992	0.1	1968	-1.0	1976	2.5	1974	0.2
34	2005	5.5	2007	3.6	1974	2.3	1962	3.0	2010	0.9	1985	-2.6	2007	0.2	1968	-5.1	1983	1.4	1983	-0.8	1964	-9.4	1983	-1.6	2007	2.5	1995	0.1	1985	-1.0	1978	2.5	2000	0.2
35	1963	5.4	2008	3.5	1995	2.2	1973	2.7	2007	0.7	1965	-2.7	1974	0.1	1969	-5.3	1990	1.0	1985	-1.2	1980	-9.5	2007	-1.6	1966	2.4	1997	0.0	1992	-1.0	1983	2.5	1968	0.1
36	1985	5.4	1971	3.4	1997	2.2	2007	2.7	1962	0.3	1962	-3.0	1992	0.0	1997	-5.3	1962	0.9	1968	-1.3	2012	-9.5	2003	-1.7	1993	2.4	2000	0.0	1995	-1.0	2004	2.2	1981	0.1
37	1990	5.4	1986	3.4	2008	2.2	1978	2.6	1997	0.1	1967	-3.3	1961	-0.1	1964	-5.6	1985	0.9	1993	-1.3	1986	-9.8	2000	-1.9	1968	2.2	1985	-0.1	1997	-1.0	1989	2.1	1997	0.0
38	1987	5.0	1990	3.4	1976	2.1	1993	2.6	2004	0.1	1997	-3.4	1968	-0.1	2010	-5.8	1961	0.8	1981	-1.6	1973	-10.0	1962	-2.0	1978	2.1	1991	-0.2	2007	-1.1	2001	2.0	2002	-0.3
39	1995	5.0	1993	3.3	1968	1.7	2012	2.6	1979	0.0	1993	-3.5	1986	-0.1	2012	-5.8	1966	0.7	1997	-1.6	2007	-10.0	1979	-2.0	1985	2.0	1976	-0.4	1987	-1.2	1968	1.5	2007	-0.5
40	1996	5.0	1966	3.2	2003	1.6	1966	2.5	2000	0.0	2002	-3.5	1962	-0.2	1963	-5.9	1991	0.5	1969	-1.7	1979	-10.2	1981	-2.0	2012	2.0	1964	-0.5	1996					

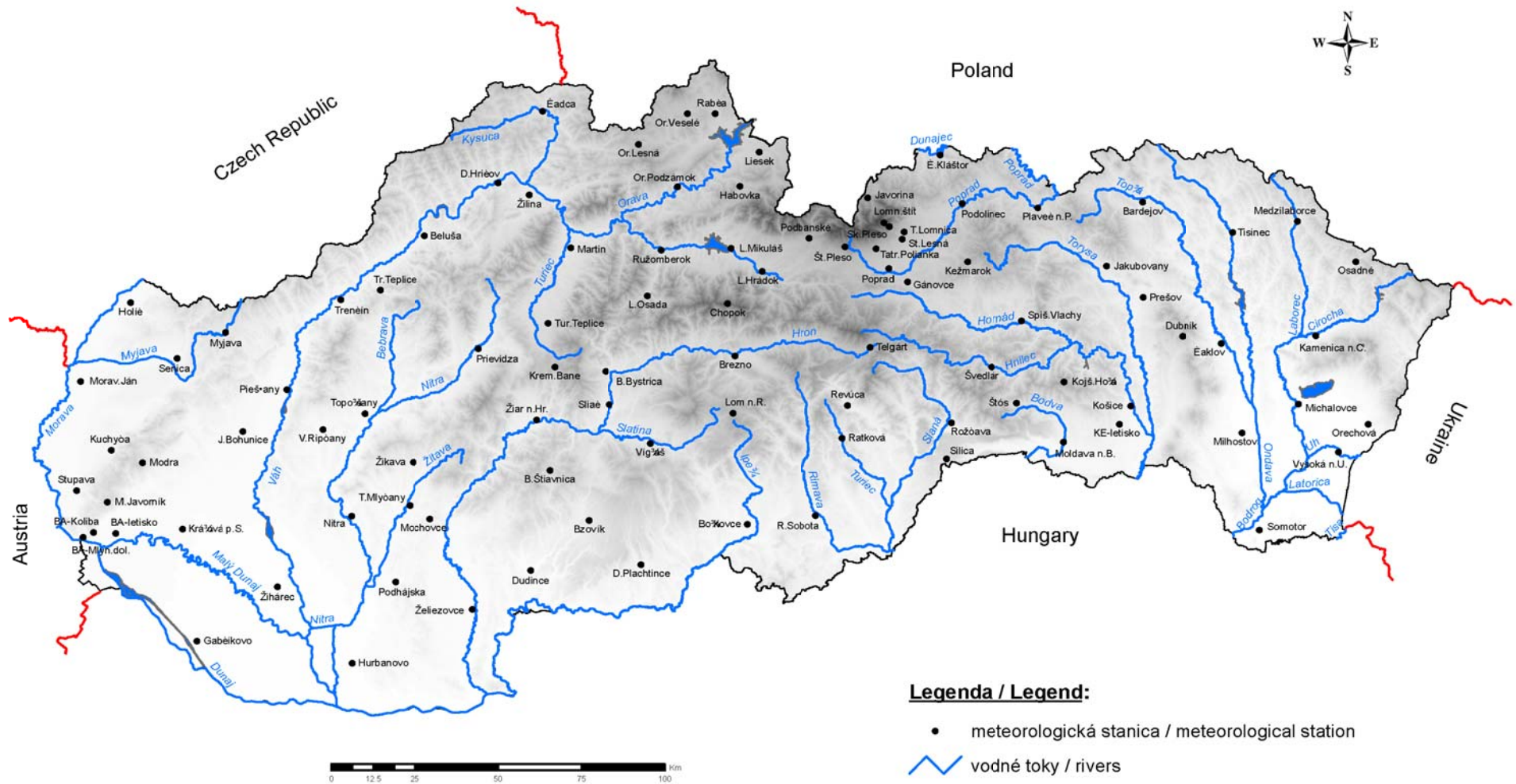
Tab. 10 Poradie mesačných (september 2012) trvaní slnečného svitu [h] na vybraných meteorologických staniciach SR od roku 1961
Order of the monthly (September 2012) sunshine duration [h] at selected meteorological stations of Slovakia since 1961

Por.č.	rok/year	BaK	rok/year	BaL	rok/year	Pie	rok/year	Hu	rok/year	Sli	rok/year	Cho	rok/year	Bol	rok/year	Tel	rok/year	LoS	rok/year	Pop	rok/year	Ke	rok/year	Tis	rok/year	Mil	rok/year	KnC
1	1997	268.6	1997	265.7	2011	255.8	1997	263.0	2011	245.5	2011	215.4	2006	251.9	2006	246.1	1982	261.9	2006	255.2	2011	271.7	2011	243.3	2011	273.3	2009	253.2
2	2006	267.8	2011	260.0	2006	241.8	2011	257.4	2006	237.3	1961	209.0	2003	234.4	2011	228.5	1961	240.9	2011	236.1	2006	256.2	2006	238.4	2009	269.4	2006	247.5
3	2011	257.8	2006	258.8	1997	238.9	2006	239.2	2003	221.3	1982	183.4	2011	231.4	1961	218.2	2011	240.0	1961	229.8	2009	251.6	2009	230.0	2006	257.2	2011	227.3
4	2003	249.2	2003	240.3	1975	224.4	2009	238.3	1997	218.3	2006	180.5	2009	230.6	2009	217.6	1969	228.1	2009	228.0	1982	233.9	2005	215.8	1961	233.1	1975	222.1
5	1961	243.5	1983	237.0	2003	222.8	1986	235.9	2009	218.0	2003	176.8	1997	230.3	2003	207.9	1966	223.2	1999	218.9	2003	230.9	2003	209.8	1982	229.1	1969	216.9
6	2009	239.4	1961	234.9	1983	222.7	1985	234.6	1961	214.7	2009	175.1	1985	224.5	1999	205.1	2006	218.9	2004	218.4	1961	225.4	1999	207.2	2003	225.9	2003	211.7
7	1986	238.0	2009	234.9	2009	215.1	1961	233.2	1999	203.2	1999	159.2	1982	216.8	1982	201.7	2000	214.6	2003	218.3	1999	216.0	1982	201.3	1991	223.3	1961	210.9
8	1983	235.6	1986	229.7	1982	212.1	1983	230.5	1982	198.4	1979	157.4	1999	216.0	1997	192.8	2005	209.5	1985	216.9	1975	213.6	2012	197.0	2005	220.5	2005	209.7
9	1985	231.1	2004	220.5	1961	210.8	2003	230.4	1983	196.7	1973	152.2	1983	210.3	1962	190.3	1986	209.1	1997	209.4	2005	213.3	1975	190.3	2012	218.0	1982	205.8
10	1982	228.9	1970	218.1	1970	208.2	1982	224.7	1970	196.2	1997	149.1	2004	207.0	1975	189.7	1975	206.3	1975	205.2	1969	212.4	1991	189.9	1986	216.9	1991	204.5
11	1979	227.4	1979	218.1	2004	207.8	1970	220.9	2004	194.9	2000	140.5	1979	201.5	1986	188.5	1993	201.0	1966	205.0	1986	210.3	1969	189.3	1999	211.8	1999	202.7
12	1992	220.1	1975	213.5	1999	200.2	1999	212.2	1962	193.8	1962	137.1	1986	201.1	1964	186.1	2003	199.9	1993	202.8	1997	207.9	1986	179.0	1965	210.9	1962	198.5
13	1970	216.7	1985	212.8	1986	199.7	1979	207.7	1993	191.9	1964	137.1	1993	200.4	1985	185.7	2012	199.2	1969	201.8	1965	205.4	1997	174.2	1983	208.8	1989	194.7
14	1975	215.8	2012	211.1	1979	199.2	1975	205.1	2005	185.9	2004	134.7	1970	199.3	1983	182.6	2009	199.0	1964	201.5	1979	203.5	2004	172.2	1989	207.2	1965	194.6
15	2004	215.2	1982	205.9	1985	198.0	2004	203.7	1986	184.4	1967	133.0	2005	199.0	2004	181.7	1981	196.9	1982	201.1	1991	201.1	1981	172.1	1987	207.0	2012	194.2
16	2012	214.5	1962	204.3	2005	193.3	2012	203.1	1985	178.8	1969	132.7	2007	199.0	1969	180.6	1997	196.2	2007	200.9	2004	199.4	1992	170.4	1992	205.1	1983	191.1
17	1962	203.5	2002	198.3	1992	191.9	1992	200.1	1975	177.2	1983	132.2	1965	198.4	1973	179.3	1989	194.3	1970	200.0	2000	194.6	1967	169.4	1979	204.3	1987	188.2
18	1989	201.4	1992	195.9	1962	191.3	1962	198.5	2012	175.0	1966	131.9	1987	195.8	1970	177.3	1979	193.2	1962	196.3	1962	193.6	1965	168.0	1975	203.0	1981	187.7
19	1991	200.0	1999	195.9	1973	188.2	1991	196.4	1973	174.0	1975	129.6	1975	192.9	2005	176.3	2004	191.5	2005	195.7	1992	193.1	1989	167.6	2000	198.8	1979	184.7
20	2002	197.1	2005	192.6	1981	184.7	1993	193.5	1979	173.8	1974	128.6	1991	186.7	1993	169.5	1973	190.7	1983	192.4	1994	189.5	1987	167.2	1985	196.4	1963	183.5
21	2005	196.8	1994	189.4	1993	184.7	1987	191.6	2007	172.0	1993	128.6	1966	186.5	1963	167.1	1970	190.3	1986	192.2	1983	188.7	2000	164.7	1962	192.6	2000	182.1
22	1966	195.8	1993	189.1	2012	184.2	1965	190.8	1987	170.7	1980	124.3	2000	181.6	1967	166.3	1983	189.6	1973	190.5	1963	187.4	1983	164.3	1981	191.6	1997	181.7
23	1987	194.7	1966	187.6	1969	183.2	1973	190.5	2000	168.0	1989	122.8	1963	179.5	1974	166.3	1964	183.5	2000	187.4	1989	184.4	1963	157.7	1997	190.5	1986	181.3
24	1999	192.5	1991	186.5	1991	183.0	1989	188.7	1966	167.6	1963	120.9	1973	179.3	1965	165.6	1980	183.5	1979	187.3	1981	183.0	1979	156.3	1969	188.1	2004	179.8
25	1964	191.1	1989	186.1	1964	180.8	1981	187.6	1969	166.8	2012	119.5	1992	176.6	1966	164.3	1999	181.5	1967	185.1	2007	182.9	2007	155.8	1994	186.4	2007	179.0
26	1965	186.1	1965	184.5	1966	180.1	1963	187.5	1994	162.9	1991	117.8	1994	175.5	2000	164.2	1994	180.4	1974	182.0	1980	182.1	1985	154.5	2004	185.9	1992	177.9
27	1993	183.8	1964	182.4	1965	179.0	1966	187.0	1971	159.9	1992	117.1	1964	173.4	1979	163.8	1991	177.6	1965	180.4	2012	181.1	1974	151.8	1963	182.3	1974	171.2
28	1994	183.7	2007	180.4	1972	173.1	2007	185.5	1964	158.5	1985	116.9	1990	171.9	2012	161.4	1963	172.0	1980	179.0	1985	180.4	1993	151.0	1980	181.2	1994	170.8
29	1973	177.8	1981	174.5	1980	171.9	1971	184.6	1992	157.9	1970	115.3	1972	170.4	1977	160.7	1992	171.8	1981	178.8	1970	178.1	1964	150.6	2007	179.8	1967	169.8
30	2008	176.9	1969	171.9	2007	170.4	2005	184.1	1989	157.5	1986	113.7	1974	170.1	1980	159.7	2007	171.4	1977	176.2	1977	178.0	1980	146.5	1967	167.6	1985	165.2
31	1971	174.5	1971	171.6	1963	169.4	2000	175.6	1991	156.8	2005	111.4	1977	169.6	1992	158.8	1974	169.6	1963	175.7	1987	175.3	1973	144.8	1977	164.3	1993	159.1
32	2007	173.6	1980	169.3	2002	169.1	1977	169.7	2008	153.1	1987	110.5	2012	169.0	1989	156.7	1965	167.7	1989	171.9	1974	174.0	1977	144.1	1993	159.6	1964	158.7
33	1969	172.8	2008	168.4	2000	166.8	1972	169.5	1981	148.2	2007	105.8	2008	166.0	1987	154.3	2008	159.7	1991	170.7	1993	173.6	1994	143.3	2002	159.4	2008	153.0
34	1967	170.3	1967	166.1	1971	166.5	1974	169.5	1965	147.6	2008	104.8	1969	164.8	1981	152.5	1962	151.9	1992	170.0	1967	171.9	2008	136.4	2008	157.4	1977	149.8
35	1963	169.0	1977	165.9	1989	165.8	1967	168.9	2002	145.7	1981	95.9	1980	162.9	1991	150.5	1967	151.7	2012	168.0	2002	171.8	1970	131.7	1973	156.9	1980	148.4
36	1980	167.5	2000	165.8	2008	162.5	2002	167.2	1977	141.8	1965	95.5	1971	160.2	2008	149.6	1985	150.0	1987	165.3	1964	171.0	1968	131.6	1998	155.4	1998	148.1
37	2010	167.5	1973	165.1	1987	162.2	1964	165.8	1980	140.5	2002	92.9	2002	159.8	2007	142.8	1987	149.5	1978	160.8	1973	169.5	1998	130.3	1974	153.7	1973	146.9
38	1968	166.5	2010	164.4	1967	157.5	1994	165.0	1967	139.8	1977	91.9	1967	158.7	2002	139.0	1971	144.0	1994	156.0	2008	165.1	2002	128.8	1988	151.0	1970	144.8
39	1972	165.8	1963	163.0	2010	155.6	2008	163.9	1974	138.7	1978	88.1	1981	157.5	1972	138.4	1998	136.9	1972	152.2	1998	162.4	1966	125.8	1964	149.7	1972	138.5
40	1988	163.6	1995	161.7	1977	154.0	1978	161.8	1978	137.6	1994	86.4	1989	156.5	1994	137.4	1977	134.6	1998	148.2	1968	155.8	1972	123.7	1995	149.3	1968	137.0
41	2000	161.9	1968	159.5	1974	150.7	1980	159.1	1972	136.5	1971	82.7	1978	151.9	1968	130.9	1984	129.9	2008	146.9	1971	151.7	1995	117.5	1970	146.3	1966	134.8
42	1981	161.6	1978	157.4	1994	147.1	1988	156.9	1988	133.4	1998	74.3	1988	151.5	1971	128.4	1988	124.9	1968	142.5	1995	148.9	1988	114.1	1968	146.1	1995	132.5
43	1995	160.3	1987	155.7	1968	144.9	1969	156.4	1968	130.7	1998	73.3	1984	144.3	1978	124.6	2010	118.7	2002	139.2	1972	147.6	1971	113.3	2010	144.3	1971	126.8
44	1977	159.0	1972	153.1	1978	144.1	1990	156.3	1990	130.5																		

Tab. 11 Poradie mesačných (september 2012) úhrnov atmosférických zrážok [mm] na vybraných meteorologických staniciach SR usporiadaných zostupne od r. 1961
Order of the monthly (September 2012) precipitation totals [mm] sorted downwards at selected meteorological stations of Slovakia since 1961

Por.č.	rok/year	BaK	rok/year	BaL	rok/year	Pie	rok/year	Hu	rok/year	Cad	rok/year	OrL	rok/year	Sli	rok/year	Cho	rok/year	Bol	rok/year	Tel	rok/year	LoS	rok/year	Pop	rok/year	Ke	rok/year	Tis	rok/year	Med	rok/year	Mil	rok/year	KnC
1	2007	181.1	1998	148.3	1998	208.4	1998	139.4	1996	165.6	1996	222.8	1984	218.1	1998	188.0	2010	128.1	1984	209.9	1996	288.7	1984	115.8	1976	156.7	1996	133.3	1996	151.6	2007	147.2	2007	214.9
2	1998	164.7	2007	124.5	1984	118.1	1984	99.1	2007	163.8	1990	198.2	2001	154.2	2001	172.3	1976	123.8	2007	179.4	2001	221.4	2007	102.8	1984	114.2	1976	126.6	2007	147.3	1976	132.2	1984	163.7
3	1996	139.6	1995	117.3	2010	105.1	2001	99.1	1990	156.3	2007	186.3	1998	140.7	1990	172.0	1967	111.1	1976	151.7	2007	217.5	1976	97.0	1982	101.7	2007	125.7	1984	146.2	1984	112.5	1976	154.1
4	2001	138.3	1967	103.1	2001	98.5	2010	94.3	1998	135.5	1978	178.4	1976	128.3	1976	164.2	1972	96.7	1994	142.6	2010	215.2	1990	93.0	2007	92.1	1984	117.5	1963	131.2	1996	111.1	1996	135.7
5	1995	133.0	1996	102.8	2007	97.0	1963	92.5	2001	129.5	2001	170.6	2010	115.8	2010	151.9	1998	91.7	2010	122.5	1992	190.2	2010	88.6	2010	90.3	2010	109.5	2010	129.9	2000	99.7	1983	117.8
6	1967	123.2	1981	91.2	1976	93.5	1995	83.3	2010	129.1	1998	163.9	1990	110.7	1984	150.4	1965	89.9	2001	115.8	1990	173.9	1974	85.0	1967	84.3	1963	103.8	1992	122.8	1995	97.1	1968	104.2
7	2010	115.9	2001	88.9	1994	80.5	1976	82.0	1984	126.7	1984	154.8	1994	101.5	1968	134.4	1984	88.6	1983	113.6	1998	162.5	2001	84.0	1996	80.2	1983	98.9	2001	122.7	1983	86.8	1992	99.1
8	1981	107.2	1984	87.2	1981	78.6	1988	79.1	1967	112.6	1968	150.3	1968	94.8	1996	124.0	2007	83.7	1998	113.4	1984	161.6	1992	80.7	1983	79.8	1987	94.6	1990	117.9	2001	86.2	1995	98.6
9	1984	97.7	2010	83.4	1967	77.5	1996	78.9	1965	108.8	2010	147.5	1963	92.8	1972	123.9	2005	66.1	1972	112.5	2003	135.0	1996	80.7	1998	74.6	2005	90.1	1978	114.9	2003	82.2	1963	95.2
10	1988	94.0	1963	67.2	1990	76.0	2007	75.3	2002	101.9	1992	144.0	1974	90.7	1980	122.6	1994	64.0	1965	103.1	1972	127.9	1998	75.9	1968	74.1	1990	87.3	1987	114.9	1963	79.8	1988	91.3
11	2002	83.9	1973	66.8	1979	71.9	1973	69.7	1968	95.3	1963	140.6	1965	89.1	2007	116.0	1993	63.9	1995	98.1	1978	117.7	1983	70.9	2005	71.3	2001	84.0	1976	113.5	2010	76.6	2003	89.9
12	1991	82.3	1990	64.9	1973	68.7	1981	69.1	1974	94.7	1967	135.4	1981	82.3	1974	114.4	1974	63.2	1974	97.5	1971	115.0	1987	69.8	1994	70.8	1992	79.2	1988	98.9	1988	74.5	2000	89.7
13	1963	81.5	2002	64.6	1963	67.6	1965	67.9	1976	94.7	1965	129.5	1988	79.7	1967	109.3	2001	63.1	1990	91.6	1995	114.6	1994	68.8	1995	69.6	1978	78.9	1995	95.4	2002	70.1	2010	89.2
14	2000	78.2	1988	62.0	1995	66.7	1994	66.3	1995	93.8	1974	119.4	1967	79.3	1992	108.7	1963	63.0	1996	87.3	1964	113.4	1965	65.0	1963	69.0	1966	78.6	1968	90.9	1994	67.4	1994	87.4
15	1990	71.5	1971	55.8	1988	65.9	1968	62.7	1978	91.4	1976	116.6	1995	71.6	1965	103.7	1995	59.6	1967	80.3	1968	108.0	1973	61.8	1975	67.6	1995	77.2	1980	90.6	1972	66.2	2005	86.9
16	1971	64.9	1991	54.8	1996	60.6	2002	59.5	1980	91.3	1980	113.3	1972	60.3	1973	92.3	1996	59.0	2002	78.6	1973	107.6	1968	61.1	1972	67.0	2009	74.3	1994	88.1	1998	63.3	1993	84.8
17	2008	64.5	2000	50.8	2008	51.8	2008	58.1	1963	88.5	2002	106.2	2002	60.2	1995	88.4	1968	56.7	1987	77.8	1983	107.5	1966	58.0	2003	66.4	1972	74.0	1983	88.0	1964	57.7	1990	80.3
18	1976	63.8	1980	50.7	1965	51.1	1964	56.7	1988	87.7	1977	97.7	1973	59.6	2002	87.7	1981	55.8	2005	76.1	1994	105.3	1972	57.8	1970	65.6	1977	73.4	2005	85.5	1992	56.2	2001	79.6
19	1973	62.5	1976	48.4	1987	47.9	1974	50.0	1981	83.8	1994	96.6	1992	56.4	1994	86.7	1990	53.9	1992	74.1	1987	104.9	1982	57.6	2009	63.5	1988	62.8	1972	83.5	2012	52.6	1972	79.4
20	1983	59.9	2008	46.1	1983	47.5	1977	49.1	2012	78.6	2004	93.5	1987	52.3	1987	84.2	1988	50.6	1997	70.3	1967	103.4	1981	56.9	1990	61.9	1970	59.8	2009	80.8	1990	51.2	1998	73.2
21	1994	56.0	1994	45.5	1974	46.2	2005	45.3	1977	77.7	1981	93.1	1993	50.3	2005	82.0	1975	48.6	2012	69.9	2002	100.8	1963	55.7	1988	59.5	1994	58.2	1974	75.8	1966	49.1	1978	71.5
22	1980	48.9	1983	43.3	1992	45.1	1967	44.2	1994	77.0	1988	90.2	2007	50.3	1963	81.1	2008	48.4	1968	68.1	1991	98.0	2002	55.0	2001	58.4	2000	57.9	1997	74.9	2004	48.3	1974	70.8
23	2005	46.4	1992	42.3	2002	44.1	1993	40.8	1972	76.2	1970	88.5	1996	48.9	1991	80.1	1964	47.5	1981	67.3	1965	94.1	1995	51.6	2000	57.3	1968	56.5	2002	74.8	1968	48.2	1964	69.0
24	2004	45.7	2004	40.4	2004	40.9	1990	39.6	1992	73.7	2008	87.0	1980	45.9	1988	77.7	1980	46.2	1982	64.6	1962	94.0	1962	48.9	2002	53.9	2003	55.0	2003	74.2	1977	47.6	1966	69.0
25	1992	45.4	2005	40.3	2005	40.3	1978	34.2	1970	68.3	1972	86.4	1964	42.0	1982	75.6	1992	40.9	1988	64.5	1974	92.5	1979	48.4	1980	51.0	1974	53.5	1966	70.1	1975	46.1	2002	66.2
26	1999	40.6	1997	38.3	2012	40.0	2009	34.2	1973	65.3	2012	80.2	2005	38.5	1975	74.7	1971	37.8	2008	64.5	1993	92.2	2003	45.1	1987	50.6	2002	53.5	1991	68.2	1982	45.7	2004	63.3
27	1979	40.3	1989	36.1	1977	39.7	1992	33.6	2004	62.1	1991	79.5	1979	37.4	1978	67.6	1983	36.1	1980	60.4	1975	89.3	1988	43.9	1974	49.4	1980	51.4	1965	68.1	1978	44.7	2009	60.6
28	1989	37.0	1968	33.3	1972	38.8	1983	30.3	1962	58.9	1973	79.4	1982	37.2	1981	65.5	2009	35.4	1963	60.3	2008	88.0	2005	43.0	1973	47.6	1998	51.3	1977	68.0	2009	44.4	1977	59.1
29	1974	36.5	1979	33.0	1968	38.6	1980	29.8	1971	56.9	1995	77.7	1977	36.7	1979	63.5	1999	34.1	1973	55.9	1976	83.0	1980	42.9	1965	47.4	2008	48.9	1998	66.5	1980	41.9	1980	55.2
30	1978	36.5	1965	32.8	1980	37.9	2004	29.2	2008	54.6	1979	76.9	2008	36.1	2012	61.0	1987	33.2	1993	53.9	1970	78.7	1997	42.1	1971	44.8	1965	48.4	2000	61.9	2005	41.9	2012	54.5
31	1968	34.3	1969	31.0	1975	37.6	1975	28.4	1989	53.3	1962	72.7	2012	34.8	1964	60.2	2002	32.3	2009	51.3	1979	75.0	1977	40.0	1966	43.9	1997	46.2	2004	60.1	2011	41.1	2008	51.3
32	1993	34.0	1974	29.8	2000	36.5	1971	27.6	1993	51.7	1987	71.7	1975	34.5	2000	58.7	2012	31.4	1979	48.8	1963	72.3	1991	39.7	1964	42.8	1982	45.3	1970	57.8	1987	39.1	1982	49.4
33	1961	32.1	1977	29.5	1993	35.6	1962	26.5	1979	50.3	2000	70.9	2009	33.1	1977	58.5	1982	30.5	1977	48.0	2009	72.2	1967	39.2	1992	40.2	1975	44.3	2008	57.4	1981	38.6	1989	49.1
34	1965	31.2	1978	28.7	1999	32.3	2006	26.4	1997	50.3	1964	68.9	1971	32.7	1999	58.4	1973	30.3	1964	47.3	1985	70.8	1993	35.1	1978	39.8	1991	44.3	1993	55.1	1970	38.2	1965	49.0
35	2012	29.9	1999	27.4	1982	29.9	1987	24.7	1987	47.0	1993	68.5	1989	32.5	2003	57.8	1997	28.3	1975	47.1	1997	70.7	1970	34.3	1981	37.3	1971	43.2	1962	54.0	1965	37.0	1981	48.1
36	1969	29.2	1961	26.9	1962	28.6	2012	24.7	1982	45.9	1983	66.5	2004	29.8	1962	55.7	1977	27.5	2003	37.9	1988	67.2	1964	34.1	2012	37.2	1985	42.7	1975	52.6	1971	36.7	1987	47.4
37	1964	29.1	2012	25.3	1971	28.0	1997	23.8	1983	45.5	1971	66.1	1962	29.6	1993	54.0	2004	26.1	1962	34.0	1989	66.5	2008	32.7	2004	36.3	1981	42.4	1985	48.9	1993	34.2	1975	45.2
38	1977	29.0	1964	23.7	1997	25.3	2000	21.5	2000	43.8																								

Poloha klimatických meteorologických staníc na Slovensku Location climatological meteorological stations in Slovakia



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