



Zurich, 28 March 2011

Rad4Alp project: information bulletin no. 4 for radar users

Parallel operation is operational

The new radar server recently went live. This means that, along with the existing radar products, the new ones can now also be transmitted.

The data is supplied on your previous server with the previous protocol, but with a new file name in accordance with the following table:

Name	Description	Directory	File name
PRECIP	2D; best instantaneous radar estimation of precipitation at ground level	RZC-numerical	meteoswiss.radar.precip.JJJJMMyygggg.gif
PRECIP-SV	Multi-2D, ground view; as PRECIP; With side view of max. projections	TZC-numerical	meteoswiss.radar.precip.sv.JJJJMMyygggg.gif
www-Alps	2D; best instantaneous radar estimation of precipitation at ground level over the alpine region	RZC-web-transparent	meteoswiss.radar.precip.www.alps.JJJJMMyygggg.gif
		RZC-web-alps	meteoswiss.radar.precip.www.alps.oro.JJJJMMyygggg.gif
	2D; best instantaneous radar estimation of precipitation at ground level over the alpine region with side view of max. projections	TZC-web-transparent	meteoswiss.radar.precip.sv.www.alps.JJJJMMyygggg.gif
		TZC-web-alps	meteoswiss.radar.precip.sv.www.alps.oro.JJJJMMyygggg.gif
www-Swiss	2D; best instantaneous radar estimation of precipitation at ground level over Switzerland	RZC-web-swiss	meteoswiss.radar.precip.www.swiss.oro.JJJJMMyygggg.gif

JJJJMMyygggg:

JJJJ	year
MM	month
yy	day
gggg	hours and minutes (UTC)

Note: On 4 April 2011 the renewal of the Lema radar will begin. From this date until the commissioning of the new radar at the end of May 2011, no radar data will be available from Lema. Subsequently, the new central server CCS4 will only process the radar data from Lema in the new format (those of Albis and La Dôle, however, can still be generated and transmitted in the previous format). The current products in the new format will then, in addition to the data from the new Lema radar, also contain the data of the legacy radars Albis and La Dôle. **This means that radar users who have not migrated to the new format by the end of May 2011 will no longer receive the new Lema data.**

The first parallel deliveries will go live from next week.

Reminder: previous and new products

Your previous product		Replaced by	
Name	Description	Name	Description
PLC	RAIN, estimated precipitation covering the last 30 minutes	PRECIP	2D; best instantaneous radar estimation of precipitation at ground level
PJC	RAIN, instantaneous estimated precipitation		
OMC	OVERVIEW maximum reflectivity		
PKC	RAIN, instantaneous estimated precipitation with SV	PRECIP-SV	Multi-2D, ground view; as PRECIP; side view of max. projections
TGN / TGC	TODAY, MAX RR, max echo + side view		

Your previous product		Replaced by	
Name	Description	Name	Description
www-Swiss	RAIN, instantaneous estimated precipitation over Switzerland	www-Swiss	2D; best instantaneous radar estimation of precipitation at ground level over Switzerland
www-Alps	RAIN, instantaneous estimated precipitation over the alpine region	www-Alps	2D; best instantaneous radar estimation of precipitation at ground level over the alpine region

If the radar products are to be supplied on a server other than the previous one, please send us the following additional information to rad4alp_spo@meteoschweiz.ch at your earliest convenience:

- Server name (IP address)
- Protocol: FTP, SCP, SFTP
- User name and password
- Target directory

You can test new products in our test file:

ftp://ftp.meteoswiss.ch/outgoing/mbc/radar/sample_radar_data/sample_data.zip

New: greater temporal resolution of up to 2.5 minutes

With the new radar server you can choose greater temporal resolution. Below you can find the corresponding costs in CHF per year (excl. VAT):

Product	Resolution		
	10 minutes	5 minutes	2.5 minutes
PRECIP + PRECIP SV			
Radar images fees	10,330	18,739	34,739
Transmission fees	1,051	2,102	4,205
www-Swiss + www-Alps			
Radar images fees	4,132	7,496	n/a
Transmission fees	1,051	2,102	n/a

The surcharge for commercial use (resale and further dissemination in the media) is 200% on the costs of the radar images.

Note: 25% discount on radar data fees in 2011

As compensation for the loss of the Lema, Dole and Albis radar stations during the relevant renewals, all customers on an annual contract are granted a one-off discount of 25% on all radar data fees in 2011.

Further information on the Rad4Alp project

MeteoSchweiz regularly informs all users of the progress of the project. In addition, our website at the URL <http://www.meteoschweiz.admin.ch/web/de/klima/messsysteme/atmosphaere/radar.html> provides further detailed information and the latest updates.

We are keen to receive your feedback and questions. It helps us know your needs. Many thanks.

To contact us, please write to:

rad4alp_spoc@meteoschweiz.ch.