Title	Digital camera data collected as part of the NCAVEO 2006 Field Campaign.
Document created by	Emma Rockall
Date	25th July 2008
Revision history	First release
Purpose	To describe the data collected by the Environment Agency using a Rollei AIC Modular LS™ digital camera.
Data files in the set	*Original images:* SO6-180_00011.tif *to* SO6-180_00191.tif *Photo positions:* photo_points.dbf photo_points.sbn photo_points.sbx photo_points.shp photo_points.shx positions_osgb.txt *Documentation files:* camera_calibration.doc camera_read_me.txt camera_spec.pdf
PI of this data set	Dr Kyle Brown, Science Group Technology, Environment Agency Kyle.brown@environment-agency.gov.uk
Terms of use **(see NEODC website for the full version)**	The data may be used for all non-commercial research/project work undertaken by the NCAVEO network, in particular to learn about cal-val issues. If you wish to use the data set please contact the PI listed above. If you intend to publish a paper or give a presentation based on, or making significant use of these data, please consider including the PI(s) as co-author(s) at an early stage in the process. In all cases where the data are used in a presentation or publication, an acknowledgement must be given: for example, "*Data from the NCAVEO 2006 Field Campaign are provided courtesy of NCAVEO via the NERC Earth Observation Data Centre (NEODC)*."

** Please note that Chilbolton data do not meet Environment Agency quality assurance standards due to cloud and cloud shadows **

Digital multispectral camera imagery was collected on 17th June 2006 during the flight of a Cessna 404 aircraft operated by the UK Environment Agency (EA) between 9:46 and 11:16 am. Information about the instrument focal length, lens and calibration can be found in the documentation files. The digital camera was integrated with an on-board navigation system to provide accurate geometric correction through post-processing. The digital camera produced true colour images 4080 x 4080 in size, with a nominal ground resolution around 40 cm. The polygon shape file 'point_position.shp' provides the British National Grid geographic co-ordinates and elevation of each photograph.