

Item name	Example	Number of digits	Description of the item
# header_lines :	187	Variable	header length
# Data Set Name:	All CO2 data contributed to WDCGG by GAW stations and mobiles by 2020-09-28	Variable	title of the dataset
# Data Set Version:	2020-09-28_20-04-45	19	version of the data set
# Data Set Fair Use :	For Scientific purposes, access to these data is unlimited and provided without charge. By their use you accept that an offer of co-authorship will be made through personal contact with the contributors whenever substantial use is made of their data. In all cases, an acknowledgement must be made to the contributors and to the data centre when these data are used within a publication.	Variable	This is the WDCGG fair use statement agreed upon by data contributors.
# Data Set DOI:	10.50849/WDCGG_CO2_ALL_2020	Variable	Dataset/data file DOI
# Data Set Citation Format :	Agency for Meteorology, Climatology and Geophysics, Aichi Air Environment Division, Atmospheric Chemistry Research Group School of Chemistry University of Bristol, Center for Environmental Science in Saitama, China Meteorological Administration, CNR-Institute of Atmospheric Pollution Research, Commonwealth Scientific and Industrial Research Organisation, Department of Applied Environmental Science, Stockholm University, Direccion Meteorologica de Chile, Direccion Nacional del Antartico- Instituto Antartico Argentino, Buenos Aires, Argentina, Earth System Research Laboratory, NOAA, Egyptian Meteorological Authority, Environment and Climate Change Canada, Federal Environment Agency Austria, Finnish Meteorological Institute, Fisheries Research Agency, Fraunhofer-Institute for Atmospheric Environmental Research, German Environment Agency, German Meteorological Service, Hong Kong Observatory, Hungarian Meteorological Service, Institute for Nuclear Research and Nuclear Energy, Institute of Environmental Protection - NRI, Instituto Geofisico del Peru, Italian Air Force Meteorological Service, Italian National Agency for New Technologies, Energy and Sustainable Economic Development, Japan Agency for Marine-Earth Science and Technology, Japan Meteorological Agency, Korea Meteorological Administration, Kyrgyz National University, Laboratoire des Sciences du Climat et de l'Environnement, Malaysian Meteorological Department, Meteorological Research Institute, National Institute for Environmental Studies, National Institute in Space Research, National Institute of Advanced Industrial Science and Technology, National Institute of Environmental Research, National Institute of Meteorological Research, KMA, National Institute of Public Health and the Environment, National Institute of Water & Atmospheric Research Ltd., National Meteorological Administration, National Research Council, Institute of Atmospheric Sciences and Climate, Osaka University, AbdElhamid Gouda Elawadi (EMA), Adelaide Dinoi (ISAC), Ahmad Fairudz Jamaluddin (MMD), Akihiko Murata (JAMSTEC), Alcide di Sarra (ENEA), Andrea Lanza (RSE), Andreas Wolf (UBAA), Angelo Viola (ISAC), Anna Degorska (IOEP), Birgitta Noone (ITM), Casper Labuschagne (SAWS), Cedric Couret (UBAG), Christian Plass-Dulmer (DWD), Claudia Calidonna (ISAC), Colm Sweeney (NOAA), Dagmar Kubistin (DWD), Daisuke Goto (NIPR), Dajeong Lee (KMA), Damiano Sferlazzo (ENEA), Daniel Gulli (ISAC), Daniel Say (UNIVBRIS), Daniela Heltai (RSE), David H.Y. Lam (HKO), Doug Worthy (ECCC), Ed Dlugokencky (NOAA), Emilio Cuevas (AEMET), ENYO Kazutaka (JMA), Eunjung Kim (GERC), Florin Nicodim (INMH), Francelle Azzopardi (UMLT), Francesco Apadula (RSE), Frank Meinhardt (UBAG), Gaston Torres (DMC), Giorgio Tranchida (IASCNR), Giovanni Giacalone (IASCNR), Haeyoung Lee (KMA), Hans-Christen (ITM), Hidekazu Matsueda (MRI), Hisayuki Yoshikawa-Inoue (HU), Hitoshi MUKAI (NIES), Horacio Rodriguez (IAA), Ignazio Fontana (IASCNR), Iris Buxbaum (UBAA), Ivano Ammoscato (ISAC), Ivo Kalapov (INRNE), Jiyoung Kim (GERC), Juha Hatakka (FMI), KADONO Koji (JMA), Kazuhiro Tsuboi (MRI), Kirk Thoning (NOAA), Koji Ohno (AICH), Krzysztof Skotak (IOEP), Laszlo Haszpra (RCAES), Luciana Vanni Gatti (INPE), Ludwig Ries (UBAG), Luigi Caracciolo di Torchiarolo (IAFMS), Mariantonia Bencardino (IA), Markus Leuenberger (KUP), Martin Saliba (UMLT), Martin Steinbacher (Empa), Masao Ishii (MRI), Matthias Lindauer (DWD), Michel Ramonet (LSCE), Mitsuo Toda (SHIZU), Mohan Kumar Sammathuria (MMD), Mutsumi Ishitsuka (IGP), Nahas, Alberth Christian (BMKG), Nguyen Nhat Anh (VNMHA), Nina Paramonova (MGO), Okaem, Tanti Tritama (BMKG), Olivia S.M. Lee (HKO), Paolo Cristofanelli (ISAC), Paul Krummel (CSIRO), Pieter Tans (NOAA), Ray Langenfelds (CSIRO), Raymond Ellul (UMLT), Ronald Spoor (RIVM), SAITO Kazuyuki (JMA), WDCGG; All CO2 data contributed to WDCGG by GAW stations and mobiles by 2019-08-30, https://doi.org/10.50849/WDCGG_CO2_ALL_2019 (Reference date*: YYYY/MM/DD) * As the reference date, please indicate the date you downloaded the files.	Variable	Citation format for a WDCGG-issued dataset DOI
# Data Set reference total listed :	2	Variable	Number indicating how many references to published literature to expect in this file
# Data Set reference 1 name :	WMO Greenhouse Gas Bulletin No. NN	0-1000	Reference provided by data contributor. The letter '#' represents a number from 1 to maximum (dataset_reference_total_listed).
# Data Set reference 2 name :	WMO WDCGG Data Summary No. NN	0-1000	
# individual_dataset_total_listed :	266	Variable	Number of individual datasets included in the set
# individual_dataset_1_name :	Atmospheric CO2 at Minamitorishima by Japan Meteorological Agency, dataset published as CO2_MNM_surface-insitu_JMA_data1 at WDCGG	Variable	Title of individual dataset. '#' represents a number from 1 to maximum (individual_dataset_total_listed).
# individual_dataset_1_file_name_head :	co2_mnm_surface-insitu_1_9999	Variable	Head of file name for individual dataset. '#' represents a number from 1 to maximum (individual_dataset_total_listed).
# individual_dataset_1_version :	2020-12-14-1755	15	version of individual dataset. The letter '#' represents a number from 1 to maximum (individual_dataset_total_listed).
# individual_dataset_1_doi :	10.50849/WDCGG_0001-2029-1001-01-01-9999	Variable	doi of individual dataset. The letter '#' represents a number from 1 to maximum (individual_dataset_total_listed).
# individual_dataset_2_name :	Atmospheric CO2 at Ryori by Japan Meteorological Agency, dataset published as CO2_RYO_surface-insitu_JMA_data1 at WDCGG	Variable	
# individual_dataset_2_file_name_head :	co2_ryo_surface-insitu_1_9999	Variable	
# individual_dataset_2_version :	2020-12-14-1755	15	
# individual_dataset_2_doi :	10.50849/WDCGG_0001-2012-1001-01-01-9999	Variable	
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