

TAB. 1: List of Mars Climate Database Users Version 4 (released in July 2005), with official request of DVD-ROM "pro" version

MCD Version 4.3 (Since april 2008)			
Date DVD shipment	Use	Institute / Company	Name
19/01/2012	Planetary Altimeter project for ESA	EFACEC Engenharia e Sistemas, Portugal	João Costa Pinto
09/01/2012	Projet InSight/Gems	Inst. de Physique du Globe, France	P. Lognonné
06/01/2012	Thermal control analysis, Mars altimeter	Aguilam Aerospace SL, Madrid, Spain	Adolfo Aguilar
05/01/2012	Analysis of Mars radiation budget	Hiroshima University, Japan	Y. Fukumura
12/12/2011	Modeling the ionosphere of Mars	Bhavan's R. A. College, Khanpur, India	Sharad Seth
05/12/2011	Plant environmental exposure modelling	Dow AgroSciences, European Development Centre, Oxon, UK	Denis Yon
07/10/2011	Microelectromechanical Systems for Mars	Jet Propulsion Laboratory, USA	R. Rajeshuni
06/07/2011	Analysis of Herschel observations	Max-Planck-Institut, Lindau, Germany	C. Jarchow
06/07/2011	Modeling the upper atmosphere of Mars	Boston University, USA	Majd Matta
27/05/2011	Research	Telstra Solutions, Australia	Mat Balgowan
10/05/2011	Analysis of Mxpress/PFS data	IFSI - INAF, Italy	G. Sindoni
29/04/2011	Preparing MSL Rems analysis	Centro de Astrobiologia, Spain	J. Martin-Torres
14/04/2011	Modelling thermal contraction polygons	University of California Santa Cruz, USA	T. Orloff
22/03/2011	Mars Entry	ASTRIUM Mureaux, France	Heloise Scheer
09/03/2011	Mars Precision Landing	Astrium UK	Lisa Peacocke
24/02/2011	Exomars instrument configuration	University of Padova, Italy	Carlo Bettanini
14/02/2011	Retrieval of water vapor with Hershel	University of Bern, Switzerland	G. Portyankina
27/01/2011	Model water processes	DLR, Germany	Dirk Mohlmann
10/12/2010	Study of the effect of the Mars atmosphere on the Ionosphere	University of California, Berkeley, USA	Hong Zou
16/11/2010	Photochemical studies	Catholic University of America	V. Krasnopolsky
17/09/2010	Mars entry guidance studies	NASA Langley Research Center, USA	John J. Wagner
16/09/2010	Study of the Water Cycle with PFS	Bremen, Germany	M. Tschimmel
25/06/2010	Altitude control algorithm of a planetary entry vehicule	Politecnico di Torino, Italy	Jose Alejandro Ospina
18/05/2010	Instruments development for Mars aeronomy mission	NASA Langley, Hampton, Virginia, USA	Christopher J. Mertens
29/04/2010	Autonomous landing systems for ESA-funded "Robust EDL" study	NGC Aerospace Ltd., Sherbrooke, Canada	Jean-François Hamel
21/04/2010	Research on Mars pinpoint landing	Beijing Institute of Technology, China	R.G. Gaofeng
08/04/2010	Optical and Laser Remote Sensing	Delft Univ. of Technology, Netherlands	Massimo Menenti
24/03/2010	Study of the MCD and intercomparisons	NASA Ames Research Center, USA	J.Hollingsworth
23/03/2010	"For EDL of MSL and other missions"	Jet Propulsion Laboratory, USA	E. Sklyanskiy
23/03/2010	Validate and drive a regional Mars model	North Carolina State Univ., Raleigh, USA	Bin Liu
26/02/2010	Simulations of charged particle dynamics and plasma populations	Lancaster University, UK	M. Beharrell, Jim Wild
23/02/2010	Input for a Mars ionosphere model	University of California, Berkeley, USA	Matt Fillingim
16/02/2010	Upgrade to v4.3 for Exomars mission	ESA ESOC, Darmstadt, Germany	J.M. Sanchez
10/02/2010	Mission simulator for preliminary studies on the next European missions to Mars	Astrium, Toulouse, France	Thomas Chabot
16/12/2009	Simulation of future entry capsule	Chinese Space Science Application Center, Beijing, China	Li Xin Feng
24/08/2009	For luminescent dating methods	Aberystwyth University, UK	Alex Leatherland
05/08/2009	EDL studies for ESTEC	SciSys, Bristol, UK	Guy Johns
16/07/2009	Development of Mars radiative transfer retrieval model	Atmospheric and Environmental Research, Inc., Lexington, U.S.A.	Janusz Eluszkiewicz
18/06/2009	Simulations of trace gas observations	University of Leicester, UK	Hartmut Bösch
25/05/2009	MATLAB application development	The MathWorks s.r.l, Torino, Italy	Paolo Panarese
22/05/2009	H2O and H2O2 retrieval with PFS	Tohoku University, Japan	Yasumasa Kasaba
28/04/2009	To analyse SPICAM data	LATMOS, France	F. Montmessin

TABLE 1: Users of Mars Climate Database Version 4 (continued)

27/04/2009	Analyzing the Exomars MEDUSA design	Obs. of Capodimonte (Naples,Italy)	Sergi Ventura
27/03/2009	Surface and orbital mission studies	Astrium GmbH, Germany	Noah Saks
17/03/2009	Implementation of Mars in the EPIC model	University of Louisville, USA	Tim. Dowling
06/03/2009	Spacecraft interaction with atmosphere	Vikram Sarabhai Space Center, India	Venkatta Raman
24/02/2009	ExoMars and STEPS project	ALTEC S.p.A., Torino, Italy	Ivano Musso
28/01/2009	Simulations of airglow emissions	University of Toronto, Canada	Marie-Ève Gagné
26/01/2009	THEMIS infra-red images treatment	University of Bristol, UK	E. Sefton-Nash
26/11/2008	Payload design for the Canadian Space Agency (solar wind studies)	Québec, Canada	John Z. G. Ma
19/11/2008	Analysis of TES water vapor retrievals	Jet Propulsion Laboratory, USA	Alexey Pankine
18/11/2008	To model interactions between atmospheric gases and surface minerals on Mars	Keck Laboratory for Space and Planetary Simulation, University of Arkansas, USA	Vincent Chevrier
04/11/2008	for the Concurrent Design Facility	ESA/ESTEC, The Netherlands	Ross Findlay
16/10/2008	"ExoMars program" Upgrade from v4.2	Thales Alenia Space, Canne, France	Julien Christy
25/09/2008	Study of Mars Water Cycle	NASA Ames Research Center, USA	R. Melchiorri
02/09/2008	Investigation of various sensor payloads for future Mars missions	Northrop Grumman, CA, USA	Bruce I. Hauss
10/07/2008	Study of the effects of the atmosphere on observed surface temperatures	Space Science Institute, WI, USA	M. J. Wolff
09/07/2008	modeling the effects of recent volcanism of true polar wander	University of California, Berkeley, USA	E. Kite, M. Manga
08/07/2008	Climate analysis to aid the search for liquid water"	Depts. of Applied Physics and Biology, Caltech, USA	T. Ursell, D. Morris
19/06/2008	Mars Express Mars water observations	Max-Planck-Institut, Lindau, Germany	M. Tschimmel
19/06/2008	Influence of Martian atmosphere on the rotation of Mars, upgrade to v4.3	Shanghai Astronomical Observatory, Shanghai, CHINA	Yonghong Zhou
05/06/2008	Exomars design	Thales Alenia Space, Italia	M. Belluco
02/06/2008	Comparison with NASA Mars Gram, upgrade from v4.1	NASA Marshall Space Flight Center, USA	Hilary L. Justh
30/05/2008	Exomars Design	ESA/ESTEC, HME, The Netherlands	Coralie Alary
29/05/2008	Entry-descent simulations upgrade from v4.1	Spin.Works Lda, Portugal	Tiago Hormigo
22/05/2008	Upgrade from v4.1 (Exomars EDL)	CEA, FRANCE	D. Pirotais
21/05/2008	Upgrade from v4.2 "To study glacial features on Mars"	Universidad de Alcalá, Madrid, SPAIN	M-A de P. Hernández
21/05/2008	Upgrade from v4.1 (MXpress radiosciences)	University of Cologne, GERMANY	Matthias Hahn, Martin Paetzold
21/05/2008	Upgrade from v4.1 (entry probes design)	NASA Ames Research Center, USA	Scott Murman
21/05/2008	Upgrade from v4.1 (Exomars EDL)	DEIMOS SPACE, Madrid, SPAIN	R. Haya Ramos
21/05/2008	Upgrade from v4.1 (Mars Science Laboratory design)	NASA Jet Propulsion Laboratory, USA (MSL Dep. Project Scientist)	A. R. Vasavada
21/05/2008	Upgrade from v4.1 (ExoMars)	Aero Sekur S.p.A., Aprilia (LT), ITALY	Lorenzo Fiore
21/05/2008	Upgrade from v4.1 (Martian thermospheric and ionospheric GCM)	University College London, London, UK	William Nicholson
21/05/2008	Upgrade from v4.1 (ExoMars)	Aero Sekur S.p.A., Aprilia (LT), ITALY	Lorenzo Fiore
21/05/2008	Upgrade from v4.1 (Spicam Data)	Institut d'Aeronomie Spatiale, Brussels, Belgium	Nina Matashvili
21/05/2008	Upgrade from v4.1 (ExoMars)	DLR, Berlin, GERMANY	Gabriele Messina
21/05/2008	"Mountain waves on Mars"	US Navy, Arnold, Maryland 21012 USA	Jun Ma
21/05/2008	upgrade from v4.1 (photochemistry)	The Johns Hopkins University, Laurel, Maryland, USA	Xun Zhu
14/05/2008	Analyses of the MRO HIRISE images	Univ. Ber, Switzerland	Nicolas Thomas
MCD Version 4.2 (until april 2008)			
24/04/2008	Mars Entry analysis	Hyperschall Technologie Göttingen, Germany	Tobias Lips
23/04/2008	Mars Geology studies	University of California - Santa Cruz, USA	M. Kreslavsky

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08/04/2008	GCM intercomparison	GFDL, Princeton, USA	John Wilson
27/03/2008	Analysis of Mars Sample Return Mission	DLR, Koeln, Germany	Wolfgang Seboldt
12/03/2008	Student research project for EDL on Mars	Massachusetts Inst. of Technology, USA	Zahra Khan
06/03/2008	Auto-rotation systems for EDL on Mars	Astrium GmbH, Bremen, Germany	Tobias Lutz
06/03/2008	Modeling habitability comparing Earth/Mars	University of Puerto Rico, Arecibo	Abel Méndez
27/02/2008	Analysis of waves structure observed by MGS	University of Colorado, USA	J. Creasey, J. Forbes
25/02/2008	Mars dunes studies	Lab. des Sciences de la Terre, Lyon, France	Emilie Gardin
22/02/2008	"Work on Exomars mission"	ESOC, ESA, Darmstadt, Germany	J.M. Sanchez Perez
18/02/2008	Nasa Mars Science Laboratory site selection	Center for Planetary Atmospheric Flight Sciences, Hampton, USA	Robert Tolson
18/02/2008	Entry, Descent, Landing on Mars	Fluid Gravity Engineering Ltd., UK	Gavin Parnaby
13/02/2008	Test control algorithm	Naval Postgraduate School, USA	Riccardo Bevilacqua
13/02/2008	Mars Exomars studies	ESA-ESTEC, Netherlands	Stephane Zimmermann
23/01/2008	"update from version 4.1" (EDL)	Astrium, Les Mureaux, France	Philippe Tran
18/01/2008	Entry, Descent, Landing in Mars Atmosphere	ESAC, Madrid, Spain	Patrick Martin
16/01/2008	Heat flux on Mars Orbiter	Active Space Technologies, Berlin, Germany	Pedro Ferreira
09/01/2008	Entry, Descent, Landing in Mars Atmosphere	Novara, Italy	Davide Ferraro
14/12/2007	thermal analysis of EXOMARS Rover	Thales Alenia Space, Torino Italy	M.C. Tosi
28/11/2007	Observations of CH ₄ and H ₂ O abundance from telescope	NASA - Goddard Space Flight Center	Geronimo Villanueva
22/11/2007	Mars dust cycle	LISA, France	Eric Hebrard
22/11/2007	survivability of meteorites through Mars atmosphere	ESA/ESTEC, Netherlands	Jonathan P. McAuliffe
22/11/2007	Simulations of ice on Mars	Warsaw University, Poland	Konrad Kossacki
22/11/2007	Coupling of MCD with ionosphere model	CESR, Toulouse, France	P-L Bletly
22/11/2007	Coupling of MCD with ionosphere model	ESA-ESTEC, Netherlands	O. Witasse
09/11/2007	Mars spacecraft design	Astrium Satellites, Hertfordshire, UK	Jim Clemmet
05/11/2007	analysis of spacecraft entry profiles	Boston University, USA	Paul Withers
02/10/2007	Exomars EDLS, update from V4.1	Analyticon Limited, Stevenage, UK	Dave Northey
01/10/2007	thermal design of landers	Alcatel Alenia Space, Tornio, Italy	Valter Perotto
19/09/2007	Exomars entry (update from V4.1)	Vorticity Ltd, Oxfordshire, UK	John Underwood
31/07/2007	Study of Mars Permafrost	Universidad de Alcalá, Barcelona, Spain	Juan Jose Blanco, Miguel Ramos
19/07/2007	Entry, descent Landing of Mars Science Laboratory 2009	NASA Langley Research Center, USA	Jay Bergstrahl
19/07/2007	Analysis of radiotelescope observations	Space Science Institute, USA	R. T. Clancy
13/06/2007	Analysis of Mars Express data	IKI, Moscow, Russia	A. Fedorova
09/05/2007	Analysis of Mars Express/PFS data	Physics Institute of Interplanetary Space, Roma - ITALY	Mario D'Amore, V. Formisano
27/04/2007	"To study glacial features on Mars"	Universidad de Alcalá, Madrid, SPAIN	M-A de P. Hernández
26/04/2007	Energy supply system design on Mars	Technische Univ., Dresden, GERMANY	Martin Hörenz
26/04/2007	Study of Mars habitability potential of some niches	Centro de Astrobiología (INTA-CSIC), Madrid SPAIN	Felipe Gomez Gomez
25/04/2007	"Research work in Free Open Source Software and planetology"	Geoforschungszentrum, Potsdam GERMANY	Peter Löwe
19/04/2007	System engineering assesments for future Mars landing systems	Thalès-Alenia Space, Cannes La Bocca, FRANCE	Patrick Arfi
11/04/2004	Airbag and parachute system for ExoMars	Aero Sekur S.p.A., Aprilia (LT), ITALY	Lorenzo Fiore
04/04/2007	Mars Recon. Orbiter Orbitography	MIT, Cambridge, USA	Erwan Mazarico

TABLE 1: Users of Mars Climate Database Version 4 (continued)

30/03/2007	"Investigate the influence of Martian atmospheric activity on the rotation of Mars"	Shanghai Astronomical Observatory, Shanghai, CHINA	Yonghong Zhou
28/03/2007	Research on numerical simulation of Mars atmosphere	Institute of Atm. Physics, Academy of Science, Beijing, CHINA	Xinhua Liu
13/03/2007	Comparison with another GCM	N. Carolina State Univ., Raleigh, USA	M. Silverman
MCD Version 4.1 (until 2007)			
14/12/2006	Study of morning fog in Valles Marineris	DLR, Berlin, GERMANY	Monika Niemand
14/12/2006	Analysis of Mars Express Data	LESIA, Obs. de Paris, FRANCE	E. Lellouch
04/12/2006	"Preparation of NASA missions to Mars"	NASA, GSFC, Greenbelt, USA	David Lary
28/11/2006	Modelling of Mars subsurface	Obs. Midi-Pyrénées, Toulouse, FRANCE	David Baratoux
21/11/2006	Environment study for ExoMars	DLR, Berlin, GERMANY	Gabriele Messina
17/11/2006	ExoMars Rover design study	Astrium UK Ltd, UK	Stuart Hurst
06/11/2006	Mars atmosphere dynamics studies	Oregon State Univ., Corvallis, USA	Jeffrey Barnes
30/10/2006	Entry and descent simulations on Mars	Spin.Works, Lisboa Portugal	Tiago Hormigo
10/10/2006	Interpretation of radiotelescope observations of Mars (IRAM)	L3AB, Obs. de Bordeaux, Floirac, FRANCE	Thibault Cavalie
11/10/2006	Simulation of a martian exploration rover	Trasys Space, Hoeilaart - BELGIUM	S. E. Wailliez
05/10/2006	Mars Telescopic observations	Australian Centre for Astrobiology, Sydney, Australia	Andrew Simpson, Jeremy Bailey
04/10/2006	Preparation of Exomars mission	Belgian Institute for Space Aeronomy, Brussels, Belgium	Christian Muller
01/10/2006	ExoMars accelerometry modelling	The Open University, UK	John Zarnecki
10/08/2006	Feasibility of Optically Stimulated Luminescence dating of martian sediments	Risø National Laboratory, DENMARK	P. Morthekai
09/08/2006	Simulation of part-Mars environment	British Antarctic Survey, Cambridge, UK	Todd E Arbetter
16/06/2006	Design of atmospheric entry probes	NASA Ames Research Center, USA	Scott Murman
09/06/2006	Mountain waves on Mars	U.S. Naval Research Laboratory, USA	Jun Ma
01/06/2006	OMEGA surface temperature comparison	IAS, Orsay, FRANCE	Francois Poulet
18/05/2006	Research project on Martian aerobots	Cranfield University, UK	Warren Hamilton
11/05/2006	Comparison with high-atmosphere models	Imperial College London, UK	I. Mueller-Wodarg
10/05/2006	Mars Geodesy	Royal Observatory, Brussel, BELGIUM	Ozgur Karatekin
24/04/2006	Atmospheric entry of Exomars	ESOC, Darmstadt GERMANY	Jose Castro
18/04/2006	Phoenix Mission, Mars Science Laboratory, balloon mission design	University of Michigan, Ann Arbor, USA	Nilton O. Renno
11/04/2006	Mars Express radio occultation analysis	University of Cologne, GERMANY	Martin Paetzold
07/04/2006	NASA Mars Reconnaissance Aerobraking	The George Washington University, Hampton, USA	Michael Everett Theriot, Jr
05/04/2006	Heterodyne observations of Mars	Universitaet zu Koeln, GERMANY	Manuela Sornig
04/04/2006	Design of atmospheric lidar systems for Mars	NASA Goddard Space Flight Center, Greenbelt, USA	Ellsworth Judd Welton
23/03/2006	Mars-GRAM 2005 / MCD comparison	NASA Marshall Space Flight Center USA	C. G. (Jere) Justus
16/03/2006	Analysis of Mars Express Spicam Data	Institut d'Aeronomie Spatiale, Brussels, BELGIUM	Nina Matashvili
16/03/2006	Analysis of NLTE features in PFS spectra	Istituto di Fisica dello Spazio Interplanetario, Roma, ITALY	Ernesto Palomba
16/03/2006	Dynamical-photochemical coupling in Mars atmosphere	The Johns Hopkins University, Laurel, Maryland, USA	Xun Zhu
10/03/2006	Mars atmospheric water remote sensing with OMEGA onboard Mars Express	Max Planck Institute, Katlenburg-Lindau, GERMANY	Luca Maltagliati
09/03/2006	Development of Martian thermospheric and ionospheric circulation model	University College London, London, UK	William Nicholson
02/03/2006	Analysis of Mars Express OMEGA Data	LESIA, Obs de Paris Meudon, FRANCE	R. Melchiorri
24/02/2006	Analysis of MGS Radio Science data	Stanford University, USA	Kerri Cahoy
20/02/2006	Entry studies for Aurora Exomars	CEA, FRANCE	D. Pirottais
16/02/2006	Aurora Program - Exomars EDLS	EADS, Les Mureaux, FRANCE	Philippe Tran
30/01/2006	Aurora Program - Exomars EDLS	Analyticon Limited, Stevenage, UK	Dave Northey

TABLE 1: Users of Mars Climate Database Version 4 (continued)

17/01/2006	"Mars Simulator Facility"	University of La Sapienza, Roma, ITALY	M. Marchetti
02/12/2005	Mars Express SPICAM data Analysis	Service d'Aéronomie, FRANCE	Pascal Ranou
02/12/2005	Mesoscale Modelling with MM5	L'Aquila University, ITALY	Klaide De Sanctis
28/11/2005	Atmospheric corrections for hyperspectral data	Universita G. d'Annunzio, Chieti-Pescara, ITALY	Ciprian Popa
28/11/2005	Space Robot's Circadian Rhythm	University of Wales, Aberystwyth, UK	Claire Rocks
10/11/2005	Exomars entry and descent	Vorticity Ltd , Oxfordshire, UK	John Underwood
18/10/2005	Exomars entry and descent	DEIMOS SPACE, Madrid, SPAIN	R. Haya Ramos
09/2005	In-situ probe on Mars	DLR, Köln, GERMANY	Jens Biele
09/2005	Project on Martian Airplane	University of Surrey, UK	Hanbing Song
19/08/2005	"Immersive Reality work" on Mars	Brown University, Providence, USA	James W. Head
08/2005	Mars Science Laboratory design	NASA Jet Propulsion Laboratory, USA (MSL Dep. Project Scientist)	A. R. Vasavada
08/2005	Exomars project Phase-B	Alcatel Alenia Space - ITALY	S. Portigliotti
08/2005	"ExoMars" re-entry	Atos Origin, Leiden, NETHERLANDS	Franck Mazoue
08/2005	Mars meteorological modelling	Univ. Complutense de Madrid, SPAIN	J. M. Jiménez
07/2005	Mars Express PFS data inversion	IFIS, Rome, ITALY	Davide Grassi
07/2005	Exomars design	Aleniaspazio, Turin, ITALY	Amata G. Bruno
07/2005	"Aerial craft for Mars exploration"	Georgia Tech, Atlanta, USA	Daniel Crowley
07/2005	Descent and landing simulator	University of Surrey, UK	Elie Alouis