

ATLAS GEOPHYSICS FORMAT DESCRIPTION

ALL FIELDS COMMA DELIMITED

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Field Header	Field Description	Format	Units
PROJECT	Atlas Geophysics Project Number	A9	None
STATION	Unique station ID	I8	None
STATIONCODE	Unique station Code	A13	None
TYPE	Observation Type : Base, Field or Repeat	A8	None
MGA94EAST	Coordinate Easting MGA94/GDA94	F11.3	m
MGA94NORTH	Coordinate Northing MGA94/GDA94	F12.3	m
ZONE	MGA Zone Number	F8.0	NA
GDA94LAT	Coordinate Latitude GDA94	F15.10	DD
GDA94LONG	Coordinate Longitude GDA94	F15.10	DD
ORTHOHTM	Coordinate Elevation Orthometric (AHD)	F9.3	m
GRS80HTM	Coordinate Elevation Ellipsoidal (GRS80)	F9.3	m
NAG98	Geoid Separation (AUSGEOID98)	F8.3	m
AMG84EAST	Coordinate Easting AMG84	F11.3	m
AMG84NORTH	Coordinate Northing AMG84	F12.3	m
DATE	Observation Date	I8	None
TIME	Observation Time	I8	None
DIALMGAL	Gravity Dial Reading	F9.3	mGal
ETCMGAL	Earth Tide Correction (Longman)	F8.3	mGal
SCALE	Scale Factor Applied to Dial Reading	F9.6	None
OBSG84MGAL	Observed Gravity ISOGAL84	F11.3	mGal
OBSG84GU	Observed Gravity ISOGAL84	F11.2	gu
OBSGAAGD07GU	Observed Gravity AAGD07	F13.2	gu
OBSGAAGD007MGAL	Observed Gravity AAGD07	F16.3	mGal
DRIFTMGAL	Drift Applied to Dial Readings	F10.3	mGal
TGRAV80GU	Theoretical Gravity 1980	F11.2	gu
TGRAV80MGAL	Theoretical Gravity 1980	F12.3	mGal
TGRAVGU	Theoretical Gravity 1967	F11.2	gu
GFACGU	Geoidal Free Air Correction	F8.2	gu
GFACMGAL	Geoidal Free Air Correction	F9.3	mGal
GFAAGU	Geoidal Free Air Anomaly	F8.2	gu
GFAAMGAL	Geoidal Free Air Anomaly	F9.3	mGal
GBC267GU	Geoidal Bouguer Correction 2.67 tm ⁻³	F9.2	gu
GBC240GU	Geoidal Bouguer Correction 2.40 tm ⁻³	F9.2	gu
GBC220GU	Geoidal Bouguer Correction 2.20 tm ⁻³	F9.2	gu
GBC267MGAL	Geoidal Bouguer Correction 2.67 tm ⁻³	F11.3	mGal
GBC240MGAL	Geoidal Bouguer Correction 2.40 tm ⁻³	F11.3	mGal
GBC220MGAL	Geoidal Bouguer Correction 2.20 tm ⁻³	F11.3	mGal
GBA267GU	Geoidal Bouguer Anomaly 2.67 tm ⁻³	F9.2	gu
GBA240GU	Geoidal Bouguer Anomaly 2.40 tm ⁻³	F9.2	gu
GBA220GU	Geoidal Bouguer Anomaly 2.20 tm ⁻³	F9.2	gu
GBA267MGAL	Geoidal Bouguer Anomaly 2.67 tm ⁻³	F11.3	mGal
GBA240MGAL	Geoidal Bouguer Anomaly 2.40 tm ⁻³	F11.3	mGal
GBA220MGAL	Geoidal Bouguer Anomaly 2.20 tm ⁻³	F11.3	mGal
TGRAV80ACGU	Theoretical Gravity 1980 Atmospheric Corrected	F11.2	gu
EFACGU	Ellipsoidal Free Air Correction	F9.2	gu
EFAAGU	Ellipsoidal Free Air Correction	F8.2	gu
SCBC267GU	Spherical Cap Bouguer Correction 2.67 tm ⁻³	F10.2	gu
SCBC240GU	Spherical Cap Bouguer Correction 2.40 tm ⁻³	F10.2	gu
SCBC220GU	Spherical Cap Bouguer Correction 2.20 tm ⁻³	F10.2	gu
SCBA267GU	Spherical Cap Bouguer Anomaly 2.67 tm ⁻³	F10.2	gu
SCBA240GU	Spherical Cap Bouguer Anomaly 2.40 tm ⁻³	F10.2	gu
SCBA220GU	Spherical Cap Bouguer Anomaly 2.20 tm ⁻³	F10.2	gu
SCBA267MGAL	Spherical Cap Bouguer Anomaly 2.67 tm ⁻³	F12.3	mGal

SCBA240MGAL	Spherical Cap Bouguer Anomaly 2.40 tm^{-3}	F12.3	mGal
SCBA220MGAL	Spherical Cap Bouguer Anomaly 2.20 tm^{-3}	F12.3	mGal
DIFFEASTM	Repeat Error for Easting Observation	F8.3	m
DIFFNORTHM	Repeat Error for Northing Observation	F8.3	m
DIFFHTM	Repeat Error for Elevation Observation	F8.3	m
DIFFOBSGMGAL	Repeat Error for Observed Gravit	F8.3	mGal
DIFFOBSGGU	Repeat Error for Observed Gravity	F8.2	gu
METERSN	Serial Number of Gravity Instrument	I8	None
CLOSUREGU	Loop Closure in gu	F8.2	gu
CLOSUREMGAL	Loop Closure in mGal	F8.3	mGal
GRVBASE	Gravity Base	A11	None
GPSBASE	GPS Base	A11	None