

Theme	Source	Dataset Title	Variable Name	Variable Type	Reference Period	Resolution	Description	Web
Distance	LSMS-ISA	IHPS GPS Coordinates	dist_hh	Continuous	N/A	N/A	Plot distance to household	
Distance	NRA	IHPS GPS Coordinates and Malawi Roads	dist_road	Continuous	N/A	N/A	Household distance to nearest major road (primary and secondary network)	
Distance	World Gazetteer Towns	IHPS GPS Coordinates and Towns	dist_popcenter	Continuous	N/A	N/A	Household distance to nearest town of > 20,000 pop	
Distance	MoAFS Tech Sec	IHPS GPS Coordinates and ADMARC Location	dist_admarc	Continuous	N/A	N/A	Household distance to nearest ADMARC location	
Distance	World Gazetteer Towns	IHPS GPS Coordinates and Tobacco Auction Floors	dist_auction	Continuous	N/A	N/A	Household distance to nearest tobacco auction	
Distance	IFPRI	IHPS GPS Coordinates and Border Posts	dist_borderpost	Continuous	N/A	N/A	Household distance to nearest border post	
Distance	World Gazetteer Towns	IHPS GPS Coordinates and Towns	dist_boma	Continuous	N/A	N/A	Household distance to the boma of the district of residence	
Distance	FEWSNET	IHPS GPS Coordinates and Major Agricultural Markets	dist_agmrkt	Continuous	N/A	N/A	HH Distance to nearest agricultural market	
Climatology	UC Berkeley	WorldClim Bioclimatic Variables	af_bio_1	Continuous	1960-1990	0.008333 dd	Average annual temperature calculated from monthly climatology, multiplied by 10 (°C)	<a href="http://www.worldclim.org/bioclim">http://www.worldclim.org/bioclim</a>
Climatology	UC Berkeley	WorldClim Bioclimatic Variables	af_bio_8	Continuous	1960-1990	0.008333 dd	Average temperature of the wettest quarter, from monthly climatology, multiplied by 10. (°C)	<a href="http://www.worldclim.org/bioclim">http://www.worldclim.org/bioclim</a>

Theme	Source	Dataset Title	Variable Name	Variable Type	Reference Period	Resolution	Description	Web
Climatology	UC Berkeley	WorldClim Bioclimatic Variables	af_bio_12	Continuous	1960-1990	0.008333 dd	Total annual precipitation, from monthly climatology (mm)	<a href="http://www.worldclim.org/bioclim">http://www.worldclim.org/bioclim</a>
Climatology	UC Berkeley	WorldClim Bioclimatic Variables	af_bio_13	Continuous	1960-1990	0.008333 dd	Precipitation of wettest month, from monthly climatology (mm)	<a href="http://www.worldclim.org/bioclim">http://www.worldclim.org/bioclim</a>
Climatology	UC Berkeley	WorldClim Bioclimatic Variables	af_bio_16	Continuous	1960-1990	0.008333 dd	Precipitation of wettest quarter, from monthly climatology (mm)	<a href="http://www.worldclim.org/bioclim">http://www.worldclim.org/bioclim</a>
Landscape Typology	ESA and UC Louvain	GlobCover v 2.3	fsrad3_agpct	Continuous	2009	0.002778 dd	Percent under agriculture within approx 1 km buffer	<a href="http://ionia1.esrin.esa.int/">http://ionia1.esrin.esa.int/</a>
Landscape Typology	ESA and UC Louvain	GlobCover v 2.3	fsrad3_lcmaj	Categorical	2009	0.002778 dd	Majority landcover class within approximately 1km buffer	<a href="http://ionia1.esrin.esa.int/">http://ionia1.esrin.esa.int/</a>
Landscape Typology	WorldPop	Africa 2010 Demography (v ap10_180313)	popdensity	string	2010	0.00833 dd	2010 Population Density Range (people per km <sup>2</sup> ), with national totals adjusted to match UN population division estimates, 2012 revision	<a href="http://www.worldpop.org.uk/">http://www.worldpop.org.uk/</a>
Landscape Typology	IFPRI	IFPRI standardized AEZ based on elevation, climatology	ssa_aez09	Categorical		0.008333 dd	Agro-ecological zones created using WorldClim climate data and 0.0833dd resolution LGP data from IIASA.	<a href="http://harvestchoice.org/production/biophysical/agroecology">http://harvestchoice.org/production/biophysical/agroecology</a>
Soil & Terrain	NASA, USGS	SRTM 90m	srtm_1k	Continuous		0.00833 dd	Average elevation (m) within 1 km block	<a href="ftp://xftp.jrc.it/pub/srtmV4/arcasci/">ftp://xftp.jrc.it/pub/srtmV4/arcasci/</a>

Theme	Source	Dataset Title	Variable Name	Variable Type	Reference Period	Resolution	Description	Web
Soil & Terrain	AfSIS	Topographic Wetness Index	twi_mwi	Continuous		0.000833 dd	Local upslope contributing area and slope are combined to determine the potential wetness index (see documentation for detail)	<a href="http://www.ciesin.columbia.edu/afsis/bafsis_fullmap.htm#">http://www.ciesin.columbia.edu/afsis/bafsis_fullmap.htm#</a>
Soil & Terrain	LSMS-ISA	Terrain Roughness	srtm_mwi_5_15	Categorical		0.000833 dd	Derived from 90m SRTM using Meybeck relief classes and 5x5 pixel neighborhood	
Soil & Terrain	FAO	Harmonized World Soil Database	SQ1	Categorical		0.083333 dd	Nutrient availability	<a href="http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/">http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/</a>
Soil & Terrain	FAO	Harmonized World Soil Database	SQ2	Categorical		0.083333 dd	Nutrient retention capacity	<a href="http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/">http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/</a>
Soil & Terrain	FAO	Harmonized World Soil Database	SQ3	Categorical		0.083333 dd	Rooting conditions	<a href="http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/">http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/</a>
Soil & Terrain	FAO	Harmonized World Soil Database	SQ4	Categorical		0.083333 dd	Oxygen availability to roots	<a href="http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/">http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/</a>
Soil & Terrain	FAO	Harmonized World Soil Database	SQ5	Categorical		0.083333 dd	Excess salts	<a href="http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/">http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/</a>
Soil & Terrain	FAO	Harmonized World Soil Database	SQ6	Categorical		0.083333 dd	Toxicity	<a href="http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/">http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/</a>
Crop Season Parameters	FAO	Harmonized World Soil Database	SQ7	Categorical		0.083333 dd	Workability (constraining field management)	<a href="http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/">http://www.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/</a>
Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	anntot_avg	Continuous	2001-2013	0.1 dd	Average 12-month total rainfall (mm) for July-June	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe ws/newalgo_est_dekad/</a>

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Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	wetQ_avg	Continuous	2001-2013	0.1 dd	Average total rainfall in wettest quarter (mm) within 12-month periods from July-June	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/</a>
Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	wetQ_avgstart	Continuous	2001-2013	0.1 dd	Average start of wettest quarter in dekads 1-36, where first dekad of July =1	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/</a>
Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	h2012_tot	Continuous	2011-2012	0.1 dd	12-month total rainfall (mm) in July-June, starting July 2011	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/</a>
Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	h2012_wetQ	Continuous	2011-2012	0.1 dd	Total rainfall in wettest quarter (mm) within 12-month period starting July 2011	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/</a>
Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	h2012_wetQstart	Continuous	2011-2012	0.1 dd	Start of wettest quarter in dekads 1-36, where first dekad of July 2011 =1	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/</a>
Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	h2013_tot	Continuous	2012-2013	0.1 dd	12-month total rainfall (mm) in July-June, starting July 2012	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/</a>
Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	h2013_wetQ	Continuous	2012-2013	0.1 dd	Total rainfall in wettest quarter (mm) within 12-month periods starting July 2012	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/</a>
Crop Season Parameters	NOAA CPC	Rainfall Estimates (RFE)	h2013_wetQstart	Continuous	2012-2013	0.1 dd	Start of wettest quarter in dekads 1-36, where first dekad of July 2012 =1	<a href="ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/">ftp://ftp.cpc.ncep.noaa.gov/fe_ws/newalgo_est_dekad/</a>

Theme	Source	Dataset Title	Variable Name	Variable Type	Reference Period	Resolution	Description	Web
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	eviarea_avg	Continuous	2001-2013	0.004176 dd	Average total change in greenness (integral of daily EVI values) within primary growing season, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	grn_avg	Continuous	2001-2013	0.004176 dd	Average timing of onset of greenness increase in day of year 1-356, where Jul 1 = 1, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	sen_avg	Continuous	2001-2013	0.004176 dd	Average timing of onset of greenness decrease in day of year 1-356, where Jul 1 = 1, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	evimax_avg	Continuous	2001-2013	0.004176 dd	Avg EVI value at peak of greenness, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	h2012_eviarea	Continuous	2011-2012	0.004176 dd	Total change in greenness (integral of daily EVI values) within primary growing season for July 2011 - Jun 2012, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	h2012_grn	Continuous	2011-2012	0.004176 dd	Onset of greenness increase in day of year 1-356, starting July 1 2011, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOTA/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University

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Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	h2012_sen	Continuous	2011-2012	0.004176 dd	Onset of greenness decrease in day of year 1-356, starting July 1 2011, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	h2012_evimax	Continuous	2011-2012	0.004176 dd	EVI value at peak of greenness within growing season, starting July 1 2011, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	h2013_eviarea	Continuous	2012-2013	0.004176 dd	Total change in greenness (integral of daily EVI values) within primary growing season for July 2012 - Jun 2013, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	h2013_grn	Continuous	2012-2013	0.004176 dd	Onset of greenness increase in day of year 1-356, starting July 1 2012, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	h2013_sen	Continuous	2012-2013	0.004176 dd	Onset of greenness decrease in day of year 1-356, starting July 1 2012, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Crop Season Parameters	BU	MOD12Q2 (DOY 185) Land Cover Dynamics from MODIS	h2013_evimax	Continuous	2012-2013	0.004176 dd	Onset of greenness decrease in day of year 1-356, starting July 1 2012, averaged by district	<a href="ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005">ftp://e4ftl01.cr.usgs.gov/MOT A/MCD12Q2.005</a> , DOY185 version provided upon request from MODIS Land Cover Group at Boston University
Coordinates	LSMS-ISA	GPS Latitude Modified	LAT_DD_MOD	Continuous	2013		Coordinates of location, modified to preserve anonymity	

Theme	Source	Dataset Title	Variable Name	Variable Type	Reference Period	Resolution	Description	Web
Coordinates	LSMS-ISA	GPS Longitude Modified	LON_DD_MOD	Continuous	2013		Coordinates of location, modified to preserve anonymity	
Coordinates	LSMS-ISA	IHPS GPS Coordinates	distY1Y2	Continuous	2013		Distance to baseline location (km)	
Plot Distance	LSMS-ISA	IHPS GPS Coordinates	dist_hh	Continuous		N/A	Plot distance to household	
Plot Soil & Terrain	USGS	Plot Slope (percent)	srtmslp_mwi	Continuous		0.000833 dd	Average slope, derived from 90m SRTM	<a href="http://pubs.usgs.gov/of/2007/1188/">http://pubs.usgs.gov/of/2007/1188/</a> , data provided by USGS upon request
Plot Soil & Terrain	USGS	Plot Elevation (m)	srtm_mwi	Continuous		0.000833 dd	Average elevation, derived from 90m SRTM	<a href="http://pubs.usgs.gov/of/2007/1188/">http://pubs.usgs.gov/of/2007/1188/</a> , data provided by USGS upon request
Plot Soil & Terrain	AfSIS	Plot Potential Wetness Index	twi_mwi	Continuous		0.000833 dd	Local upslope contributing area and slope are combined to determine the potential wetness index (see documentation for detail)	<a href="http://www.ciesin.columbia.edu/afsis/bafsis_fullmap.htm#">http://www.ciesin.columbia.edu/afsis/bafsis_fullmap.htm#</a>

Variable Name	Value	Value Label
SQ1	0	Ocean
SQ1	1	No or Slight Constraint
SQ1	2	Moderate Constraint
SQ1	3	Severe Constraint
SQ1	4	Very Severe Constraint
SQ1	5	Mainly Non-Soil
SQ1	6	Permafrost
SQ1	7	Water
SQ2	0	Ocean
SQ2	1	No or Slight Constraint
SQ2	2	Moderate Constraint
SQ2	3	Severe Constraint
SQ2	4	Very Severe Constraint
SQ2	5	Mainly Non-Soil
SQ2	6	Permafrost
SQ2	7	Water
SQ3	0	Ocean
SQ3	1	No or Slight Constraint
SQ3	2	Moderate Constraint
SQ3	3	Severe Constraint
SQ3	4	Very Severe Constraint
SQ3	5	Mainly Non-Soil
SQ3	6	Permafrost
SQ3	7	Water
SQ4	0	Ocean
SQ4	1	No or Slight Constraint
SQ4	2	Moderate Constraint
SQ4	3	Severe Constraint
SQ4	4	Very Severe Constraint
SQ4	5	Mainly Non-Soil
SQ4	6	Permafrost
SQ4	7	Water
SQ5	0	Ocean
SQ5	1	No or Slight Constraint
SQ5	2	Moderate Constraint
SQ5	3	Severe Constraint
SQ5	4	Very Severe Constraint
SQ5	5	Mainly Non-Soil
SQ5	6	Permafrost
SQ5	7	Water
SQ6	0	Ocean
SQ6	1	No or Slight Constraint
SQ6	2	Moderate Constraint
SQ6	3	Severe Constraint
SQ6	4	Very Severe Constraint
SQ6	5	Mainly Non-Soil
SQ6	6	Permafrost
SQ6	7	Water
SQ7	0	Ocean
SQ7	1	No or Slight Constraint
SQ7	2	Moderate Constraint



Variable Name	Value	Value Label
SQ7	3	Severe Constraint
SQ7	4	Very Severe Constraint
SQ7	5	Mainly Non-Soil
SQ7	6	Permafrost
SQ7	7	Water
ssa_aez09	101	Temperate / arid
ssa_aez09	102	Temperate / Semi-arid
ssa_aez09	103	Temperate / sub-humid
ssa_aez09	104	Temperate / humid
ssa_aez09	211	Subtropic - warm / arid
ssa_aez09	212	Subtropic - warm / semiarid
ssa_aez09	213	Subtropic - warm / subhumid
ssa_aez09	214	Subtropic - warm / humid
ssa_aez09	221	Subtropic - cool / arid
ssa_aez09	222	Subtropic - cool / semiarid
ssa_aez09	223	Subtropic - cool / subhumid
ssa_aez09	224	Subtropic - cool / humid
ssa_aez09	311	Tropic - warm / arid
ssa_aez09	312	Tropic - warm / semiarid
ssa_aez09	313	Tropic - warm / subhumid
ssa_aez09	314	Tropic - warm / humid
ssa_aez09	321	Tropic - cool / arid
ssa_aez09	322	Tropic - cool / semiarid
ssa_aez09	323	Tropic - cool / subhumid
ssa_aez09	324	Tropic - cool / humid
ssa_aez09	400	Boreal
fsrad3_lcma	11	Post-flooding or irrigated croplands (or aquatic)
fsrad3_lcma	14	Rainfed croplands
fsrad3_lcma	20	Mosaic cropland (50-70%) / vegetation (grassland/shrubland/forest) (20-50%)
fsrad3_lcma	30	Mosaic vegetation (grassland/shrubland/forest) (50-70%) / cropland (20-50%)
fsrad3_lcma	40	Closed to open (>15%) broadleaved evergreen or semi-deciduous forest (>5m)
fsrad3_lcma	50	Closed (>40%) broadleaved deciduous forest (>5m)
fsrad3_lcma	60	Open (15-40%) broadleaved deciduous forest/woodland (>5m)
fsrad3_lcma	70	Closed (>40%) needleleaved evergreen forest (>5m)
fsrad3_lcma	90	Open (15-40%) needleleaved deciduous or evergreen forest (>5m)
fsrad3_lcma	100	Closed to open (>15%) mixed broadleaved and needleleaved forest (>5m)
fsrad3_lcma	110	Mosaic forest or shrubland (50-70%) / grassland (20-50%)
fsrad3_lcma	120	Mosaic grassland (50-70%) / forest or shrubland (20-50%)
fsrad3_lcma	130	Closed to open (>15%) (broadleaved or needleleaved, evergreen or deciduous) shrubland (<5m)
fsrad3_lcma	140	Closed to open (>15%) herbaceous vegetation (grassland, savannas or lichens/mosses)
fsrad3_lcma	150	Sparse (<15%) vegetation

Variable Name	Value	Value Label
fsrad3_lcma	160	Closed to open (>15%) broadleaved forest regularly flooded (semi-permanently or temporarily) - Fresh or brackish water
fsrad3_lcma	170	Closed (>40%) broadleaved forest or shrubland permanently flooded - Saline or brackish water
fsrad3_lcma	180	Closed to open (>15%) grassland or woody vegetation on regularly flooded or waterlogged soil - Fresh, brackish or saline water
fsrad3_lcma	190	Artificial surfaces and associated areas (Urban areas >50%)
fsrad3_lcma	200	Bare areas
fsrad3_lcma	210	Water bodies
fsrad3_lcma	220	Permanent snow and ice
fsrad3_lcma	230	No data (burnt areas, clouds,...)
srtm_eaf_5_15	1	Plains
srtm_eaf_5_15	2	Mid-altitude plains
srtm_eaf_5_15	3	High-altitude plains
srtm_eaf_5_15	4	Lowlands
srtm_eaf_5_15	5	Rugged lowlands
srtm_eaf_5_15	6	Platforms (very low plateaus)
srtm_eaf_5_15	7	Low plateaus
srtm_eaf_5_15	8	Mid-altitude plateaus
srtm_eaf_5_15	9	High plateaus
srtm_eaf_5_15	10	Very high plateaus
srtm_eaf_5_15	11	Hills
srtm_eaf_5_15	12	Low mountains
srtm_eaf_5_15	13	Mid altitude mountains
srtm_eaf_5_15	14	High mountains
srtm_eaf_5_15	15	Very high mountains