

BRAMS 5.2 Post processing variables (Varname is case sensitive)

VARNAME	GRADS FIELDS	DESCRIPTION	UNITS
acon	acon	accum convective pcp	mm liq
aggregates	aggregates	aggregate mix ratio	g/kg
albedt	albedt	albedt	-
aot500	aot500	AOT500	-
aot550	aot550	AOT 550nm	-
apras	apras	accum conv pcp: AS closure	mm
aprgr	aprgr	accum conv pcp: GR closure	mm
aprmc	aprmc	accum conv pcp: MC closure	mm
aprst	aprst	accum conv pcp: ST closure	mm
aprww	aprww	accum conv pcp: omega closure	mm
cape	cape	cape	J/Kg
cfxdn1	cfxdn1	conv down flux deep	kg/m ² s
cfxup1	cfxup1	conv up flux deep	kg/m ² s
cine	cine	cine	J/Kg
cloud	cloud	cloud mix ratio	g/kg
CO	CO	COP Concentration	ppbv
CO_src	CO_src	source of CO	kg/kg/day
CO2	CO2	CO2 Concentration	ppmv
CO2_antro	CO2_antro	CO2_antro_SRC flux	mg/m ² /s
CO2_bioge	CO2_bioge	CO2_bioge_SRC flux	mg/m ² /s
CO2_burn	CO2_burn	CO2_bburn_SRC flux	mg/m ² /s
CO2_burn2D	CO2_burn2D	CO2_bburn_SRC flux in first level	mg/m ² /s
co2_total	co2_total	CO2_total column	mole/cm ²
csj	csj	Soil Carbon - from JULES	Kg/m ²
cucldp	cucldp	deep conv cloud/ice rate	g/kg/day
curtdp	curtdp	deep conv moist rate	g/kg/day
cuthdp	cuthdp	deep conv heat rate	K/day
dewptc	dewptc	dewpoint temp	c
dewptk	dewptk	dewpoint temperature	K
dfxdn1	dfxdn1	deep conv flx down->env	kg/m ² s
dfxup1	dfxup1	deep conv flx up->env	kg/m ² s
efxdn1	efxdn1	deep conv flx env->down	kg/m ² s
efxup1	efxup1	deep conv flx env->down	kg/m ² s
geo	geo	geopotential height	m
gpp	gpp	Gross primary productivity	kg C m ⁻² s ⁻¹
graupel	graupel	graupel mix ratio	g/kg
h	h	sfc sens heat flx	W/m ²
hail	hail	hail mix ratio	g/kg
HNO3	HNO3	HNO3 Concentration	ppbv
ice	ice	ice mix ratio	g/kg
khv	khv	Vertical diffusion coefficient	m ² /s
lai	lai	green leaf area index	-
land	land	land frac area	-
le	le	sfc lat heat flx	W/m ²
liquid	liquid	liquid mix ratio	g/kg
lmo	lmo	Length of Monin-Obukhov	m
ndvi	ndvi	Normalized Difference Vegetation Index	#
NMVOCm	NMVOCm	Non methane VOCs mixing ratio RELACS	ppbm
NO	NO	in mass	ppbv
NO_src	NO_src	source of NO	kg/kg/day
NO2	NO2	NO2 mixing ratio	ppbv

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npp	npp	Net primary productivity	kg C m-2 s-1
O3	O3	O3P Concentration	ppbv
omeg	omeg	omega	Pa/s
pblhgt	pblhgt	PBL Height (IDIFFK = 7, Nakanishi)	m
PM25	PM25	PM25 urb+bburn concentration	ug/m3
PM25wd	PM25wd	WET deposition mass tracer PM25	kg/m2
PMINT	PMINT	PM25 urb+bburn vert int	mg/m2
precip	precip	total accum precip	mm liq
press	press	pressure	mb
pristine	pristine	pristine mix ratio	g/kg
pwt	pwt	precipitable total water	cm
rain	rain	rain mix ratio	g/kg
resp_p	resp_p	Plant respiration	kg C m-2 s-1
resp_s	resp_s	Net primary productivity	kg C m-2 s-1
rh	rh	relative humidity	pct
rh2m	rh2m	relative humidity 2m	pct
rlong	rlong	rlong	W/m2
rlongup	rlongup	rlongup	W/m2
rshort	rshort	rshort	W/m2
rv	rv	vapor mix ratio	g/kg
rv2mj	rv2mj	Mixing rate at 2m - from JULES	g/kg
sea_press	sea_press	sea level pressure	mb
sfc_press	sfc_press	Surface pressure	mb
slp_metar	slp_metar	sea level pressure - METAR formulation	mb
sltex_p	sltex_p	soil textural class	#
smoist	smoist	soil moisture	m3/m3
snow	snow	snow mix ratio	g/kg
sst	sst	water temperature	C
t2mj	t2mj	Temperature at 2m	C
td2m	td2m	dewpoint temp in 2m	C
td2mj	td2mj	Dewpoint temp at 2m - from JULES	C
tempc	tempc	temperature	C
tempc2m	tempc2m	temp - 2m AGL	C
tempk	tempk	temperature	K
theta	theta	Potential temp	K
tke	tke	turb kinetic energy	m2/s2
topo	topo	topo	m
total_cond	total_cond	total condensation	g/kg
totpcp	totpcp	total resolved precip	mm liq
tveg	tveg	vegetation temperature	C
u	u	u	m/s
u10m	u10m	Zonal Wind - 10m	m/s
u10mj	u10mj	Zonal Wind at 10m - from JULES	m/s
	u10m_6hr_a, u10m_5hr_a, u10m_4hr_a, u10m_3hr_a, u10m_2hr_a, u10m_1hr_a	Zonal Wind at 10m - 6 hours ago, Zonal Wind at 10m - 5 hours ago, Zonal Wind at 10m - 4 hours ago, Zonal Wind at 10m - 3 hours ago, Zonal Wind at 10m - 2 hours ago, Zonal Wind at 10m - 1 hours ago	m/s
u10mj1hr	u10m_1hr_a		m/s
ue_avg	ue_avg	ue_avg	m/s
v	v	V	m/s
v10m	v10m	Meridional Wind - 10m	m/s
v10mj	v10mj	'Meridional Wind at 10m - from JULES	m/s

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v10mj1hr	v10m_6hr_a, v10m_5hr_a, v10m_4hr_a, v10m_3hr_a, v10m_2hr_a, v10m_1hr_a	Meridional Wind at 10m - 6 hours ago, Meridional Wind at 10m - 5 hours ago, Meridional Wind at 10m - 4 hours ago, Meridional Wind at 10m - 3 hours ago, Meridional Wind at 10m - 2 hours ago, Meridional Wind at 10m - 1 hours ago	m/s
ve_avg	ve_avg	ve_avg	m/s
vtype	vtype	vegetation class	#
w	w	w	m/s
zi	zi	Zi	m
zitheta	zitheta	Height PBL	m -sigmaz