

**Region One**  
**Vegetation Classification, Mapping,  
Inventory and Analysis Report**



---

Numbered Report 12-37

April, 2012

---

## **VMap Data Dictionary; Version 12**

Jim Barber

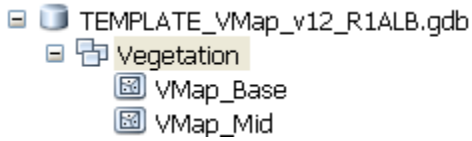
USDA Forest Service, Region 1  
Engineering Staff  
200 E. Broadway, Missoula, MT 59802

---

<b>SECTION</b>	<b>PAGE</b>
<b>1. Feature Classes and Tables</b>	<b>1</b>
<b>2. Domains</b>	<b>2</b>

# 1. Feature Classes and Tables

VMap data is stored in a Feature Dataset called Vegetation.



**Feature Class: VMap\_Base**

Field	Type	Domain
OBJECTID	ObjectID	
SHAPE	Geometry	
FOREST_ID	Text-15	
ACRES	Float	
LIFEFORM	Short Integer	LIFEFORM
DOM_MID_40	Short Integer	DOM_MID_40
DOM_MID_60	Short Integer	DOM_MID_60
DOM_GRP_6040	Short Integer	DOM_GRP_6040
TREECANOPY	Short Integer	TREECANOPY
TREESIZE	Short Integer	TREESIZE
*NONFORLITTER	Short Integer	NONFORLITT
*SHRUBCANOPY	Short Integer	SHRUBCANOPY
ELEV	Short Integer	
ASP_CLS	Short Integer	ASP_CLS
SLOPE	Float	
SHAPE_Length	Double	
SHAPE_Area	Double	

**Feature Class: VMap\_Mid**

Field	Type	Domain
OBJECTID	ObjectID	
SHAPE	Geometry	
FOREST_ID	Text-15	
ACRES	Float	
LIFEFORM	Short Integer	LIFEFORM
DOM_MID_40	Short Integer	DOM_MID_40
DOM_MID_60	Short Integer	DOM_MID_60
DOM_GRP_6040	Short Integer	DOM_GRP_6040
TREECANOPY	Short Integer	TREECANOPY
TREESIZE	Short Integer	TREESIZE

*NONFORLITTER	Short Integer	NONFORLITT
*SHRUBCANOPY	Short Integer	SHRUBCANOPY
ELEV	Short Integer	
ASP_CLS	Short Integer	ASP_CLS
SLOPE	Float	
SHAPE_Length	Double	
SHAPE_Area	Double	

## 2. Domains<sup>1</sup>

### LIFEFORM

<b>CODE</b>	<b>DESCRIPTION</b>
3100	HERB
3300	SHRUB
4000	TREE
5000	WATER
7000	SPVEG
7100	URBAN

### DOM\_MID\_40

<b>CODE</b>	<b>DESCRIPTION</b>
3160	GRASS-DRY
3190	GRASS-WET
3330	SHRUB-MESIC
3320	SHRUB-XERIC
3100	HERB
3300	SHRUB
7000	SPVEG
4000	TREE
8035	MX-ABGR
8065	MX-ABLA
8145	MX-BEPA
8205	MX-CELE3
8195	MX-FRPE
8185	MX-JUNIP
8135	MX-LALY
8045	MX-LAOC
8125	MX-PIAL
8055	MX-PICO

\* Nonforestlitter and Shrubcanopy fields are not included in all forest geodatabases.

8075	MX-PIEN
8155	MX-PIFL2
8085	MX-PIMO3
8015	MX-PIPO
8165	MX-POPUL
8175	MX-POTR5
8025	MX-PSME
8215	MX-TABR2
8095	MX-THPL
8105	MX-TSHE
8115	MX-TSME
8600	HMIX
8400	IMIX
8500	TMIX
5000	WATER
7100	URBAN

DOM\_MID\_60

<b>CODE</b>	<b>DESCRIPTIION</b>
3160	GRASS-DRY
3190	GRASS-WET
3330	SHRUB-MESIC
3320	SHRUB-XERIC
3100	HERB
3300	SHRUB
7000	SPVEG
4000	TREE
8030	ABGR
8060	ABLA
8140	BEPA
8200	CELE3
8190	FRPE
8180	JUNIP
8130	LALY
8040	LAOC
8120	PIAL
8050	PICO
8070	PIEN
8150	PIFL2

8080	PIMO3
8010	PIPO
8160	POPUL
8170	POTR5
8020	PSME
8210	TABR2
8090	THPL
8100	TSHE
8110	TSME
8600	HMIX
8400	IMIX
8500	TMIX
5000	WATER
7100	URBAN

DOM\_GRP\_6040

<b>CODE</b>	<b>DESCRIPTION</b>
3100	HERB
3160	GRASS-DRY
3170	GRASS-BUNCH
3180	GRASS-SINGLESTEM
3190	GRASS-WET
3300	SHRUB
3330	SHRUB-MESIC
3320	SHRUB-XERIC
4000	TREE
8030	ABGR
8033	ABGR-IMIX
8034	ABGR-TMIX
8036	ABGR-HMIX
8060	ABLA
8063	ABLA-IMIX
8064	ABLA-TMIX
8066	ABLA-HMIX
8140	BEPA
8143	BEPA-IMIX
8144	BEPA-TMIX
8146	BEPA-HMIX
8200	CELE3

8203	CELE3-IMIX
8204	CELE3-TMIX
8206	CELE3-HMIX
8180	JUNIP
8183	JUNIP-IMIX
8184	JUNIP-TMIX
8186	JUNIP-HMIX
8130	LALY
8133	LALY-IMIX
8134	LALY-TMIX
8136	LALY-HMIX
8040	LAOC
8043	LAOC-IMIX
8044	LAOC-TMIX
8046	LAOC-HMIX
8120	PIAL
8123	PIAL-IMIX
8124	PIAL-TMIX
8126	PIAL-HMIX
8050	PICO
8053	PICO-IMIX
8054	PICO-TMIX
8056	PICO-HMIX
8070	PIEN
8073	PIEN-IMIX
8074	PIEN-TMIX
8076	PIEN-HMIX
8150	PIFL2
8153	PIFL2-IMIX
8154	PIFL2-TMIX
8156	PIFL2-HMIX
8080	PIMO3
8083	PIMO3-IMIX
8084	PIMO3-TMIX
8086	PIMO3-HMIX
8010	PIPO
8013	PIPO-IMIX
8014	PIPO-TMIX
8016	PIPO-HMIX
8160	POPUL
8163	POPUL-IMIX

8164	POPUL-TMIX
8166	POPUL-HMIX
8170	POTR5
8173	POTR5-IMIX
8174	POTR5-TMIX
8176	POTR5-HMIX
8020	PSME
8023	PSME-IMIX
8024	PSME-TMIX
8026	PSME-HMIX
8210	TABR2
8213	TABR2-IMIX
8214	TABR2-TMIX
8216	TABR2-HMIX
8090	THPL
8093	THPL-IMIX
8094	THPL-TMIX
8096	THPL-HMIX
8100	TSHE
8103	TSHE-IMIX
8104	TSHE-TMIX
8106	TSHE-HMIX
8110	TSME
8113	TSME-IMIX
8114	TSME-TMIX
8116	TSME-HMIX
8190	FRPE
8193	FRPE-IMIX
8194	FRPE-TMIX
8196	FRPE-HMIX
8400	IMIX
8500	TMIX
8600	HMIX
5000	WATER
7000	SPVEG
7100	URBAN

TREECANOPY

<b>CODE</b>	<b>DESCRIPTION</b>
4001	CTR 10-24.9%

4002	CTR 25-39.9%
4003	CTR 40-59.9%
4004	CTR >= 60%
8601	DTR 10-39.9%
8602	DTR >= 40%
8600	TREE-DECID
3100	HERB
3300	SHRUB
7000	SPVEG
4000	TREE
5000	WATER
7100	URBAN

TREESIZE

<b>CODE</b>	<b>DESCRIPTION</b>
4100	DBH 0-4.9"
4200	DBH 5-9.9"
4300	DBH 10-14.9"
4400	DBH >= 15"
3100	HERB
3300	SHRUB
7000	SPVEG
4000	TREE
8600	TREE-DECID
5000	WATER
7100	URBAN

ASP\_CLS

<b>CODE</b>	<b>DESCRIPTION</b>
9	FLAT
1	N
2	NE
3	E
4	SE
5	S
6	SW
7	W
8	NW

NONFORLITT



<b>CODE</b>	<b>DESCRIPTIION</b>
3001	LIT < 60%
3002	LIT 60-89.9%
3003	LIT >= 90%
3100	HERB
3300	SHRUB
4000	TREE
5000	WATER
7000	SPVEG
7100	URBAN

#### SHRUBCANOPY

<b>CODE</b>	<b>DESCRIPTIION</b>
3321	XSH 10-24.9%
3322	XSH >= 25%
3330	SHRUB-MESIC
3320	SHRUB-XERIC
3100	HERB
3300	SHRUB
7000	SPVEG
5000	WATER
7100	URBAN
4000	TREE