

II. 토지 및 기후

Land & Climate

1. 위 치
2. 행정구역
3. 토지지목별 현황
4. 일기일수
5. 기상개황
6. 강 수 량

1. 위 치

소 재 지	경 도 와 위 도 의 극 점	총면적(km ²)
전라북도 무주군 무주읍 주계로 97	극 동 무풍면 금평리 동경 127° 54'	
	극 서 부남면 가당리 동경 127° 31'	631.90
	극 남 안성면 공진리 북위 36° 04'	
	극 북 무주읍 내도리 북위 35° 47'	

전라북도 최동북단의 소백산맥 서사면에 위치하며 충청남·북도, 경상남·북도와 인접하여 5도의 경계를 이룬다. 서쪽은 진안군, 장수군과 인접하며 동쪽은 경북 김천시, 경남 거창군과 북쪽은 충남 금산군, 충북 영동군과 접하여 도계를 이룬다. 지리적 A1좌표는 동경 127° 54'~ 127° 31' 북위 36° 04'~ 35° 47'에 위치하여 우리나라 내륙지방 중에 가장 중심부를 점유한 산악지대이다.

LOCATION

Location of County Hall	Extreme of Longitude and Latitude			Area(km ²)
	Extremity	Name of Location	Extreme Point	
97 Jugye-ro Muju-eup Muju-gun Jeollabuk-do	Far East	Geumbyeong-ri Mupung-myeon	East Longitude. 127 ° 54'	631.90
	Far West	Gadang-ri Bunam-myeon	East Longitude. 127 ° 31'	
	Far South	Gongjin-ri Anseong-myeon	North Latitude. 36 ° 04'	
	Far North	Naedo-ri Muju- eup	North Latitude. 35 ° 47'	

Muju is located in the Western side of Sobaek Mountains of Sloped to Western which is in the far east of Jeollabuk-do. Muju borders five different provinces. It is surrounded by Chungcheongnam-do, Chungcheongbuk-do, Gyeongsangnam-do, Gyeongsangbuk-do and Jeollabuk-do.

It is adjacent to Jinan-Gun and Jangsu-Gun to the West, to Gimcheon city of Gyeongbuk and Geochang-Gun of Gyeongnam to the East and to Geumsan-Gun of Chungnam and Yeongdong-Gun of Chungbuk to the north. It's geographic coordinates are Long. 127°54' ~ 127°31' E and Lat. 36°04' ~ 35°47' N. It is a mountainous area situated in the central part of the country.

2. 행정구역

단위 : 개

연 별 읍면별	면적 (km ²) Area	구성비 (%) Composition	읍·면 ¹⁾ Eup, Myeon		
			읍 Eup	면 Myeon	
2002	631.85	100	6	1	5
2003	631.84	100	6	1	5
2004	631.76	100	6	1	5
2005	631.76	100	6	1	5
2006	631.73	100	6	1	5
2007	631.91	100	6	1	5
2008	631.90	100	6	1	5
2009	631.89	100	6	1	5
무주읍	79.40	12.6	1	1	-
무풍면	91.22	14.4	1	-	1
설천면	158.23	25.0	1	-	1
적상면	135.82	21.5	1	-	1
안성면	97.26	15.4	1	-	1
부남면	69.96	11.1	1	-	1

주 : 1) 법정동 제외됨 2) 법정리 제외됨
 자료 : 자치행정과

Area and Number of Administrative Units

unit : number

	통 · 리 ²⁾ Tong and Ri			반 Ban	출장소 Branch office	Year & Eup, Myeon
	통 Tong	리 Ri			읍 · 면	
		행정 Adm.	법정 Legal		Eup and Myeon	
149	-	149	48	515	-	2002
149	-	149	48	515	-	2003
149	-	149	48	515	-	2004
149	-	149	48	515	-	2005
150	-	150	48	516	-	2006
150	-	150	48	516	-	2007
150	-	150	48	516	-	2008
150	-	150	48	516	-	2009
31	-	31	8	153	-	Muju-Eup
17	-	17	8	55	-	Mupung-Myeon
25	-	25	10	75	-	Seolcheon-Myeon
25	-	25	8	75	-	Jeoksang-Myeon
36	-	36	8	115	-	Anseong-Myeon
16	-	16	6	43	-	Bunam-Myeon

Note: 1) Legal Dong excluded. 2) Legal Ri excluded.

3. 토지지목별 현황

단위 : m²

연 별 읍면별	계 Total	전 Dry Paddy	답 Rice paddy	과수원 Orchard
2002	631,852,481	37,190,677	35,397,907	217,985
2003	631,844,697	37,173,064	35,278,534	224,605
2004	631,763,680	37,153,466	35,170,989	246,694
2005	631,741,780	37,048,165	35,053,382	254,244
2006	631,725,065	36,852,385	33,984,493	254,244
2007	631,905,504	36,582,009	33,560,532	252,109
2008	631,899,505	36,341,871	33,220,539	252,109
2009	631,886,914	36,299,562	32,939,463	260,667
무주읍	79,403,500	6,451,479	4,293,195	43,208
무풍면	91,198,391	6,788,200	5,103,366	160,348
설천면	158,232,696	5,479,838	5,350,291	-
적상면	135,826,005	6,067,240	4,993,410	15,524
안성면	97,269,484	6,767,916	9,900,479	41,587
부남면	69,956,838	4,744,889	3,298,721	-

자료 : 민원봉사과

Area of Land Category

Unit : m²

목장용지 Pasture	임야 Forest field	광천지 Mineral spring site	대지 Building site	공장용지 factory site	Year & Eup, Myeon
1,251,795	518,852,582	-	4,911,250.0	154,978.0	2002
1,268,373	518,576,160	-	4,974,840.0	159,915.0	2003
1,267,253	518,419,654	-	5,043,631.0	161,780.0	2004
1,296,733	517,465,087	-	5,158,104.0	162,865.6	2005
1,317,221	517,321,040	-	5,252,997.0	169,375.6	2006
1,419,455	517,224,808	-	5,429,747.0	198,591.6	2007
1,423,011	516,838,217	-	5,540,599.3	351,331.6	2008
1,414,197	516,531,132	-	5,599,033.1	357,501.6	2009
299,699	58,142,879	-	1,221,562.8	161,166.0	Muju-Eup
390,483	73,499,549	-	732,196.0	11,174.0	Mupung-Myeon
74,700	138,764,787	-	1,288,681.1	1,094.0	Seolcheon-Myeon
236,800	116,917,597	-	857,915.3	36,772.0	Jeoksang-Myeon
319,645	72,746,711	-	1,054,882.9	145,322.6	Anseong-Myeon
92,870	56,459,609	-	443,795.0	1,973.0	Bunam-Myeon

3. 토지지목별 현황(속1)

단위 : m²

연 별 읍면별	학교용지 School site	주차장 Parking lot	주유소 용지 Service station site	창고용지 Ware-house site	도로 Road
2002	484,236.0	20,874.0	7,394.0	40,690.0	10,434,257.0
2003	484,150.0	20,874.0	6,891.0	44,843.0	10,460,604.0
2004	487,286.0	20,874.0	7,998.0	47,670.0	10,523,183.0
2005	487,361.0	31,546.0	7,998.0	54,409.0	10,589,586.9
2006	487,361.0	32,373.0	8,997.0	61,783.0	10,624,286.9
2007	487,305.0	32,131.0	18,149.0	108,447.0	10,665,603.6
2008	487,305.0	32,793.0	30,382.0	121,494.0	11,252,203.6
2009	483,808.0	34,072.0	30,382.0	137,301.0	11,728,161.9
무주읍	135,738.0	2,108.0	11,738.0	27,223.0	2,594,227.7
무풍면	76,688.0	79.0	2,437.0	38,828.0	1,696,043.4
설천면	88,946.0	23,727.0	1,865.0	11,743.0	1,442,280.8
적상면	59,686.0	6,278.0	8,347.0	23,187.0	2,650,541.5
안성면	99,191.0	99.0	4,346.0	22,057.0	2,168,129.0
부남면	23,559.0	1,781.0	1,649.0	14,263.0	1,176,939.5

Area of Land Category (Cont'd1)

Unit : m²

철도용지 Railway	하천 River	제방 Bank	구거 Ditch	유지 Marsh	Year & Eup, Myeon
-	15,896,103.0	271,414.0	4,163,434.0	617,007.0	2002
-	15,891,472.0	271,560.0	4,178,130.0	616,547.0	2003
-	15,855,163.0	274,550.0	4,225,585.0	615,768.0	2004
-	15,877,421.9	304,998.9	4,370,976.2	756,938.0	2005
-	17,073,038.3	308,374.9	4,368,082.2	778,907.0	2006
-	17,316,196.7	304,856.9	4,316,614.2	1,191,737.0	2007
-	17,392,409.2	304,052.9	4,296,236.2	1,202,013.0	2008
	17,388,243.1	304,052.9	4,303,599.2	1,202,013.0	2009
-	4,916,294.9	166,483.0	489,319.1	38,403.0	Muju-Eup
-	1,506,851.1	34,374.0	750,505.8	136,347.0	Mupung-Myeon
-	3,634,337.5	17,858.6	522,817.7	26,595.0	Seolcheon-Myeon
-	2,242,254.1	29,728.0	849,625.0	517,814.0	Jeoksang-Myeon
-	1,786,543.5	48,652.0	1,489,871.6	433,261.0	Anseong-Myeon
-	3,301,962.0	6,957.3	201,460.0	49,593.0	Bunam-Myeon

3. 토지지목별 현황(속2)

단위 : m²

연 별 읍면별	양어장 Fish farm	수도용지 Water reservoirs	공원 Park	체육용지 Sporting facilities site	유원지 Recreation area
2002	3,306.0	21,624.0	1,909.0	411,882.0	-
2003	3,306.0	21,433.0	1,909.0	657,868.0	-
2004	3,306.0	21,433.0	1,908.0	657,868.0	-
2005	3,306.0	35,856.0	1,908.8	1,203,390.0	-
2006	3,306.0	36,670.0	1,908.8	1,203,390.0	-
2007	3,306.0	36,670.0	6,075.8	1,210,455.0	-
2008	3,306.0	42,767.0	6,075.8	1,222,323.0	-
2009	3,306.0	42,767.0	6,075.8	1,292,343.0	-
무주읍	-	24,241.0	6,075.8	31,537.0	-
무풍면	-	2,942.0	-	14,154.0	-
설천면	-	13,478.0	-	1,187,508.0	-
적상면	3,306.0	-	-	37,098.0	-
안성면	-	2,106.0	-	22,046.0	-
부남면	-	-	-	-	-

자료 : 민원봉사과

Area of Land Category (Cont'd2)

Unit : m²

종교용지 Religious site	사적지 Historical site	묘지 Grave yard	잡종지 Miscellaneous site	Year & Eup, Myeon
74,839.0	939.0	1,034,977.0	390,423.0	2002
75,541.0	939.0	1,033,262.0	419,878.0	2003
75,953.0	790.0	1,033,224.0	447,654.0	2004
76,784.0	790.0	1,032,371.0	467,557.3	2005
78,536.0	790.0	1,031,798.0	473,707.3	2006
75,691.0	790.0	1,018,644.0	445,580.3	2007
77,250.0	790.0	1,015,845.0	444,581.3	2008
78,846.0	790.0	1,008,909.0	440,689.3	2009
33,439.0	790.0	162,998.0	149,695.0	Muju-Eup
5,550.0	-	228,624.0	19,652.0	Mupung-Myeon
13,304.0	-	158,741.0	130,103.0	Seolcheon-Myeon
5,467.0	-	206,083.0	61,332.0	Jeoksang-Myeon
18,459.0	-	127,748.0	70,432.0	Anseong-Myeon
2,627.0	-	124,715.0	9,475.3	Bunam-Myeon

4. 일기일수

단위 : 일

연 별 월 별	맑음 Clear	구름조금 ¹⁾ Partly cloudy	구름많음 ²⁾ Mostly cloudy	흐림 Cloud	강수 Rain	서리 Frost
2002	251	...	...	65	65	-
2003	232	...	...	69	64	-
2004	235	...	...	27	104	-
2005	200	...	...	72	71	-
2006	235	...	...	28	69	-
2007	225	...	...	42	80	-
2008	256	...	...	46	52	-
2009	245	...	...	52	50	-
1월	18	...	...	6	2	-
2월	19	...	...	5	2	-
3월	20	...	...	6	3	-
4월	20	...	...	5	5	-
5월	23	...	...	4	4	-
6월	18	...	...	6	6	-
7월	21	...	...	5	5	-
8월	20	...	...	3	8	-
9월	23	...	...	2	5	-
10월	24	...	...	3	4	-
11월	20	...	...	4	3	-
12월	19	...	...	3	3	-

주 : 1), 2) 2009년 추가 항목

자료 : 기술지원과, 관측지점 : 농업기술센터 기상관측장비

Weather Days

Unit : day

안개 Fog	눈 Snow	뇌전 Thunder-Storm	폭풍 Gale	황사 Yellow sand	Year & Month
-	10	-	-	-	2002
-	15	-	-	-	2003
-	16	-	-	-	2004
-	22	-	-	-	2005
-	23	-	-	-	2006
-	18	-	-	-	2007
-	12	-	-	-	2008
-	18	-	-	-	2009
-	5	-	-	-	Jan.
-	2	-	-	-	Feb.
-	2	-	-	-	Mar.
-	-	-	-	-	Apr.
-	-	-	-	-	May
-	-	-	-	-	June
-	-	-	-	-	July
-	-	-	-	-	Aug.
-	-	-	-	-	Sept.
-	-	-	-	-	Oct.
-	3	-	-	-	Nov.
-	6	-	-	-	Dec.

5. 기상개황

연 별 월 별	기온 (°C) Air temperature					강수량 (mm)	상대습도(%) Relative humidity	
	평균	평균최고	최고극값	평균최저	최저극값		평균	최소
	Mean	Max. mean	Highest	Min. mean	Lowest	Precipitation	Mean	Min.
2002	7.8	-	-	-	-	1,903.2	68.3	39.9
2003	11.7	-	-	-	-	1,893.0	72.9	32.1
2004	12.1	-	-	-	-	1,426.6	66.3	29.6
2005	10.2	16.3	35.7	4.6	-13.6	1,431.6	71.8	33.0
2006	11.4	17.3	33.1	5.9	-21.4	1,397.3	71.5	30.2
2007	11.7	17.4	33.1	6.4	-12.8	1,227.5	53.2	21.9
2008	11.6	17.8	33.3	6.1	-14.1	680.0	71.1	41.3
2009	11.7	18.0	31.1	6.1	-13.9	877.7	70.8	43.1
1월	-2.8	3.2	10.1	-7.8	-13.9	12.0	71.1	36.5
2월	2.6	8.8	18.2	-2.5	-11.2	28.0	70.0	35.0
3월	6.1	12.5	24.6	-0.3	-6.3	26.0	60.7	32.4
4월	11.7	19.3	29.0	4.3	-9.7	33.5	58.1	33.7
5월	17.1	24.4	29.7	9.9	4.6	94.5	63.9	38.6
6월	21.2	27.4	32.5	15.3	7.7	116.0	64.4	39.5
7월	22.1	26.8	29.5	18.4	16.0	361.5	84.3	63.2
8월	22.5	27.8	31.1	17.8	13.0	109.0	82.7	59.3
9월	19.4	26.0	29.9	14.4	10.5	42.7	73.5	54.4
10월	13.3	20.7	25.8	7.0	3.5	15.5	72.0	37.7
11월	7.0	11.8	22.0	2.1	-6.1	28.0	73.7	43.0
12월	0.7	6.9	15.8	-5.0	-13.9	11.0	75.6	43.5

주 : 평균기온 및 평균습도는 매일 3,6,9,12,15,18,21,24시의 8회 관측치를 산술평균한 것임(97.1.1적용)
 자료 : 기술지원과, 관측지점 : 농업기술센터 기상관측장비

Summary of Meteorological Data

평균 해면기압 (hPa)	이슬점온도 (℃)	평균운량 (1/10)	일조시간	최심적설 (cm)	바람 (m/s) Windspeed			Year & Month
					평균 풍속	최대 풍속	최대순간 풍속	
Air pressure of mean sea level	dewpoint temperature	Mean cloud	Duration of sunshine	Max. depth of snowfall	Mean	Fastest	Greatest gust	
-	-	-	-	10.0	7.4	16.7	-	2002
-	-	-	-	9.5	6.9	16.7	-	2003
-	-	-	-	-	7.0	16.7	-	2004
-	-	-	2,132.2	2.7	1.8	15.6	-	2005
-	-	-	2,774.5	15.5	2.3	32.1	-	2006
-	-	-	2,745.4	22.0	1.4	12.2	-	2007
-	-	-	2,877.1	29.5	1.9	10.8	-	2008
-	-	-	2,374.8	7.0	1.5	9.2	-	2009
-	-	-	183.6	4.0	1.4	8.8	-	Jan.
-	-	-	189.2	4.5	1.2	7.3	-	Feb.
-	-	-	190.6	4.1	2.0	9.2	-	Mar.
-	-	-	191.0	-	1.8	6.8	-	Apr.
-	-	-	210.5	-	1.6	6.5	-	May
-	-	-	230.5	-	1.6	5.5	-	June
-	-	-	220.5	-	1.4	6.4	-	July
-	-	-	181.5	-	1.3	6.5	-	Aug.
-	-	-	198.7	-	1.2	4.3	-	Sept.
-	-	-	206.3	-	1.3	5.8	-	Oct.
-	-	-	159.3	3.0	2.1	6.8	-	Nov.
-	-	-	213.1	7.0	0.7	4.4	-	Dec.

Note: " Mean temp. " and "Mean humid" are arithmetic means of the figures from 8 observations a day at 3,6,9,12,15,18,21,24 O'clock (Since Jan.1, 1997)

6. 강 수 량

단위 : mm

연 별 읍면별	합계	1월	2월	3월	4월	5월	6월
	Total	Jan.	Feb.	Mar.	Apr.	May	June
2002	1,347.0	34.0	5.2	52.7	167.0	107.8	39.3
2003	2,177.2	41.3	46.5	38.0	273.5	163.0	127.4
2004	1,339.5	6.0	24.5	20.5	78.0	104.5	250.5
2005	1,195.4	8.5	26.0	61.3	45.2	43.5	167.5
2006	1,280.8	12.7	65.8	11.5	68.8	117.0	83.3
2007	1,212.7	6.2	50.5	92.7	21.0	78.8	128.5
2008	708.8	33.5	4.7	22.3	35.3	76.3	151.3
2009	949.8	14.8	28.0	29.8	25.0	111.3	117.8
무주읍	910.0	14.0	31.0	21.0	17.0	100.0	127.0
무풍면	839.0	11.0	29.0	27.0	38.0	109.0	124.0
설천면	1,005.0	14.0	22.0	29.0	30.0	103.0	111.0
적상면	1,036.0	15.0	27.0	33.0	16.0	119.0	126.0
안성면	923.0	21.0	26.0	31.0	28.0	113.0	124.0
부남면	986.0	14.0	33.0	38.0	21.0	124.0	95.0

자료 : 재난안전관리과, 관측지점 : 읍·면 주민자치센터

Precipitation

unit : mm

7월	8월	9월	10월	11월	12월	Year & Eup, Myeon
July	Aug.	Sept.	Oct.	Nov.	Dec.	
133.5	692.0	57.8	10.7	19.2	27.8	2002
713.0	433.5	249.5	33.0	40.0	18.5	2003
283.0	349.5	133.5	3.0	52.0	34.5	2004
364.5	362.2	70.7	14.7	22.8	8.5	2005
620.8	166.3	33.3	30.0	48.8	22.3	2006
194.7	212.3	390.7	16.5	1.8	19.0	2007
162.8	132.8	31.8	32.5	13.7	11.7	2008
380.7	123.8	43.5	19.3	23.5	32.2	2009
367.0	113.0	44.0	18.0	27.0	31.0	Muju-Eup
261.0	116.0	49.0	20.0	21.0	34.0	Mupung-Myeon
431.0	148.0	38.0	22.0	29.0	28.0	Seolcheon-Myeon
455.0	130.0	38.0	20.0	26.0	31.0	Jeoksang-Myeon
378.0	89.0	40.0	22.0	16.0	35.0	Anseong-Myeon
392.0	147.0	52.0	14.0	22.0	34.0	Bunam-Myeon