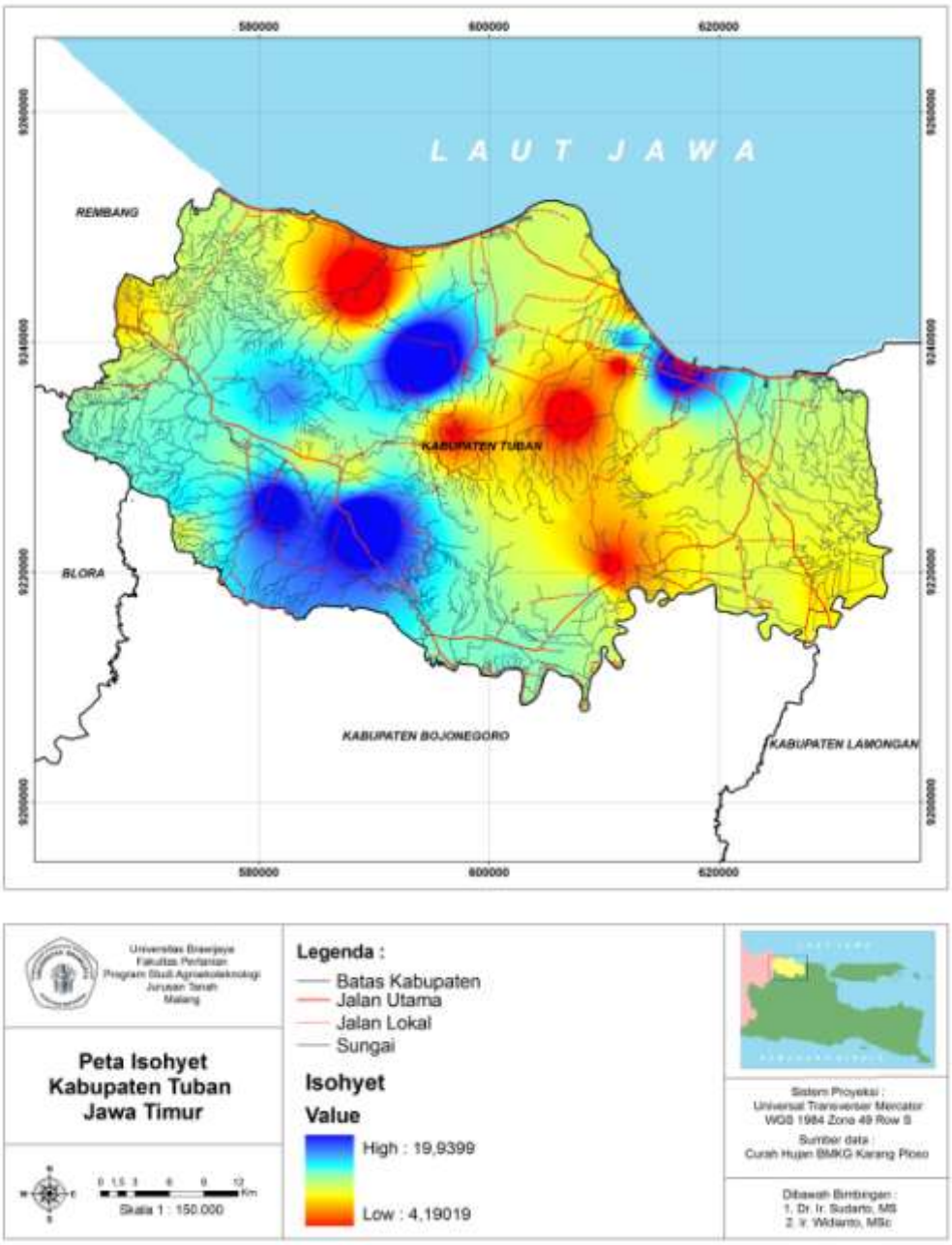
LAMPIRAN

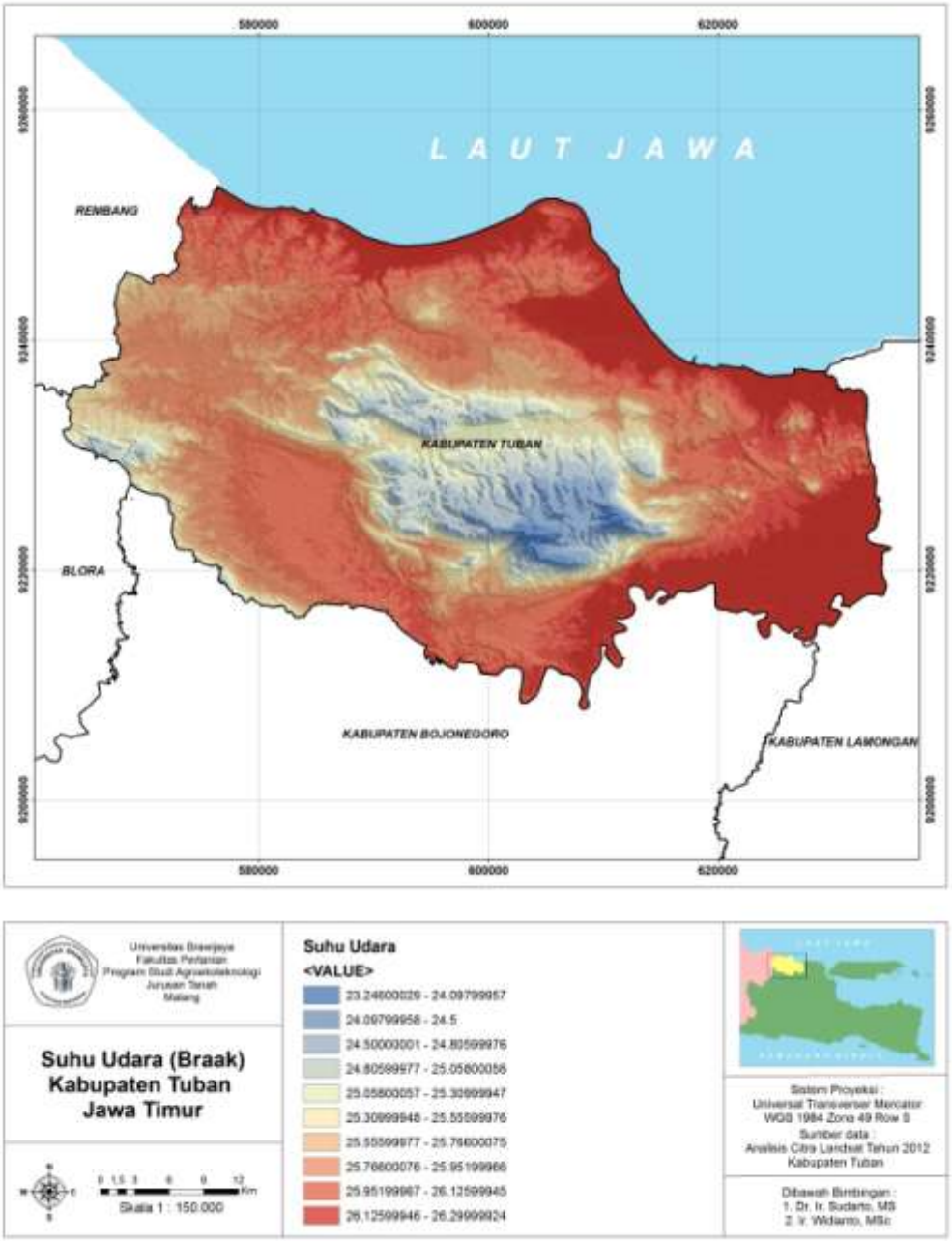
Lampiran 1. Data Curah Hujan Bulanan (mm) Tahun 2012 Kabupaten Tuban

No.	Pos Hjn	Kecamatan	Jan	Feb	Mrt	Apr	Mei	Jun	Jul	Agst	Sep	Okt	Nop	Des	Jmlh
1	Bangilan	Bangilan	236.56	211.19	217.81	181.25	99.69	55.94	27.19	10.81	30.31	103.38	175.56	259.19	1608.9
2	Mundri	Bangilan	219.88	217.25	215.31	135.25	93.63	55.00	29.63	12.25	23.75	88.94	185.06	245.13	1521.1
3	Kejuron	Bangilan	217.44	207.19	223.19	153.44	90.63	48.44	26.94	13.44	23.63	93.13	188.06	232.88	1518.4
4	Laju	Singgahan	254.31	201.75	268.50	183.25	100.44	47.94	27.50	9.56	27.19	88.69	200.56	272.13	1681.8
5	Sendang	Senori	245.88	211.38	247.38	179.00	110.13	46.75	16.00	16.63	29.19	95.19	196.63	268.25	1662.4
6	Jojogan	Singgahan	305.63	287.63	294.50	148.94	124.13	57.06	29.31	18.31	37.31	108.81	224.56	302.31	1938.5
7	Montong	Montong	207.06	209.13	236.38	151.56	65.56	33.13	38.19	6.50	33.19	80.63	175.13	215.75	1452.2
8	Sumurgung	Montong	164.94	201.19	210.13	131.69	74.63	37.56	36.69	5.81	28.25	74.13	162.44	179.69	1307.1
9	Sokomedalem	Senori	240.19	195.63	246.00	182.69	104.38	47.88	11.44	9.75	23.25	76.81	184.44	245.63	1568.1
10	Ngabongan	Singgahan	289.50	292.06	271.06	162.94	94.56	53.56	25.31	9.75	29.81	84.44	225.75	285.75	1824.5
11	Kebonharjo	Jatirogo	274.75	236.63	214.25	153.56	115.13	53.75	31.63	8.69	24.63	110.00	229.38	283.44	1735.8
12	Belikanget	Tambakboyo	192.69	165.38	181.56	102.63	66.06	50.50	28.50	4.19	17.88	48.38	118.75	202.94	1179.4
13	Kerek	Kerek	286.81	211.31	240.81	155.19	108.50	58.81	32.75	19.94	16.00	76.44	167.38	260.44	1634.4
14	Simo	Bancar	161.13	172.75	183.00	110.94	78.50	58.00	26.88	11.50	22.88	72.75	123.56	198.50	1220.4
15	Kepet	Semanding	257.19	218.69	186.25	117.56	73.44	48.44	20.69	9.56	18.25	62.44	150.69	202.688	1365.9
16	Tuban	Tuban	255.19	200.44	190.06	124.56	90.94	62.56	24.56	17.75	29.31	82.56	145.31	256.50	1479.8
17	Bogorejo	Merakurak	194.09	208.91	148.55	87.64	57.09	32.45	13.91	13.55	11.18	61.09	128.09	179.55	1136.1
18	Tegalrejo	Merakurak	221.94	198.69	188.44	110.31	67.06	32.13	22.88	5.07	16.63	55.56	151.69	207.44	1277.8
19	Jenu	Jenu	194.94	171.06	132.06	103.31	72.31	49.13	21.88	8.44	12.75	42.44	80.06	139.50	1027.9
20	Soko	Soko	206.63	203.69	185.81	131.25	80.13	44.88	18.38	11.19	26.81	54.38	150.50	196.81	1310.4
21	Rengel	Rengel	259.33	215.33	236.67	130.13	90.47	61.53	31.87	6.20	22.07	60.27	175.53	238.00	1527.4
22	Maibit	Rengel	257.19	216.25	233.13	142.88	93.13	59.38	22.38	11.00	31.88	53.69	159.38	239.81	1520.1
23	Klotok	Plumpang	262.81	254.88	217.75	136.69	98.88	48.88	40.50	10.00	36.13	105.56	182.25	236.00	1630.3
24	Widang	Widang	229.81	225.50	236.81	135.81	114.63	38.13	25.13	9.06	29.00	83.56	147.88	211.75	1487.1

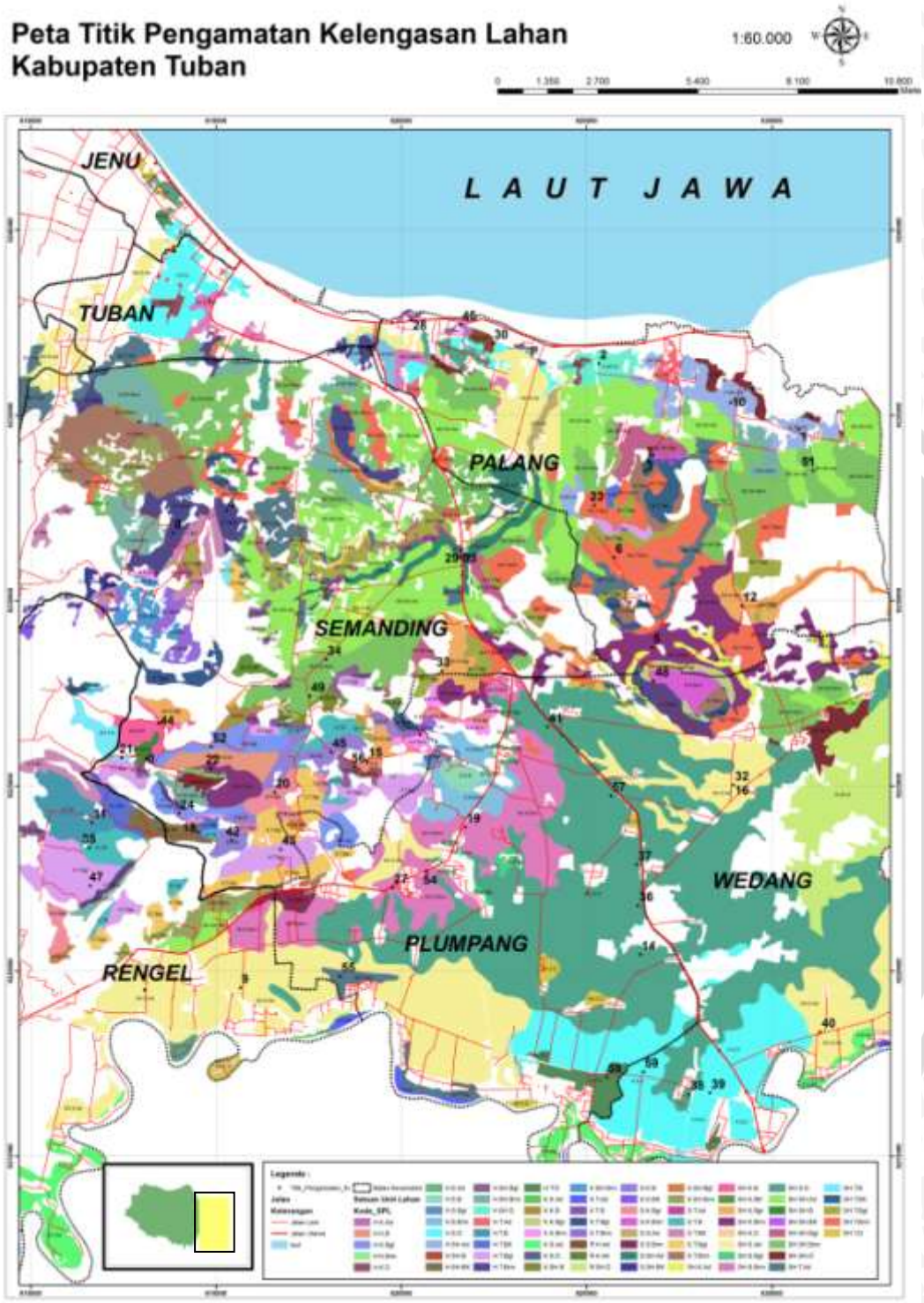
Lampiran 2. Peta Isohyet Kabupaten Tuban Tahun 2012



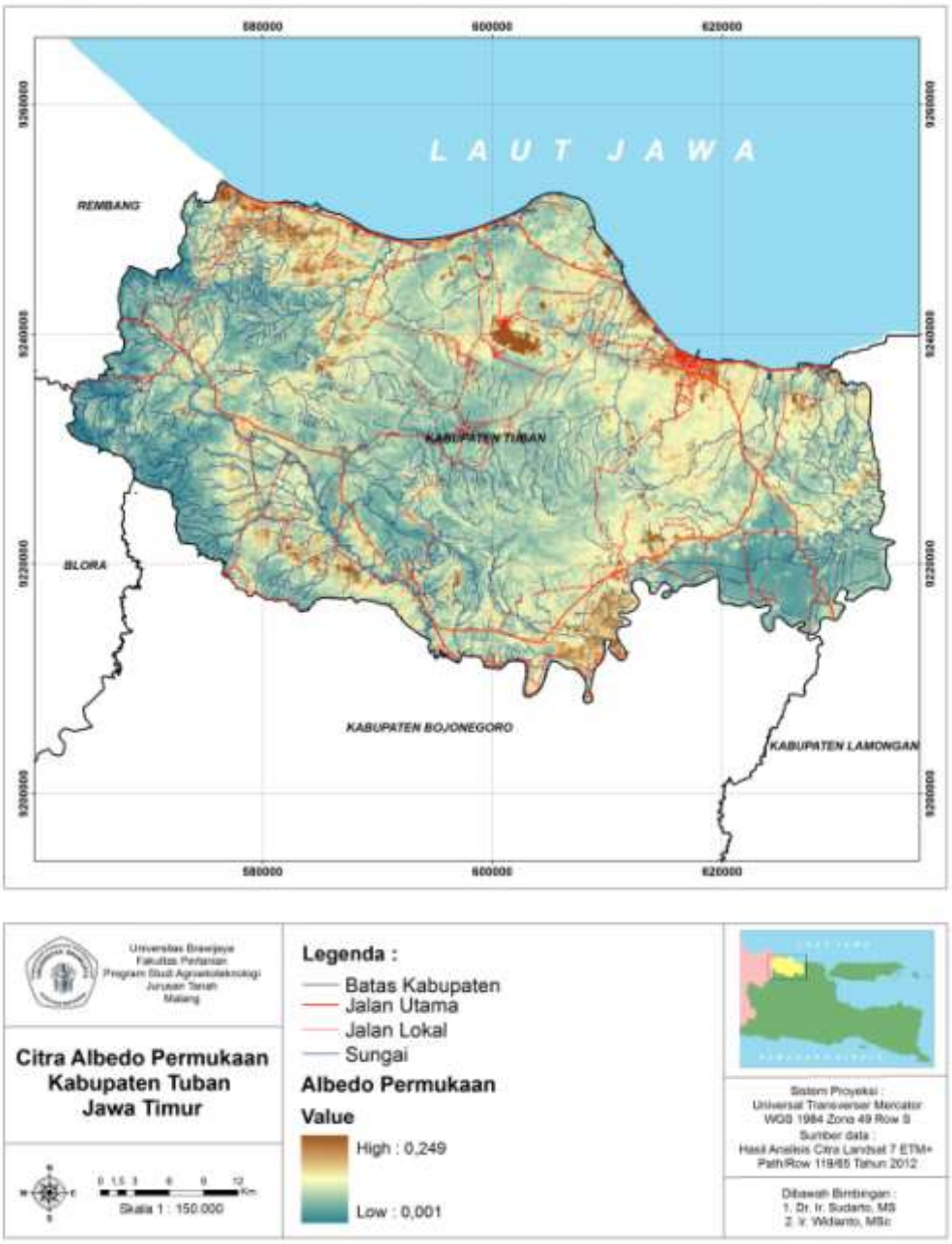
Lampiran 3. Peta Suhu Udara Kabupaten Tuban



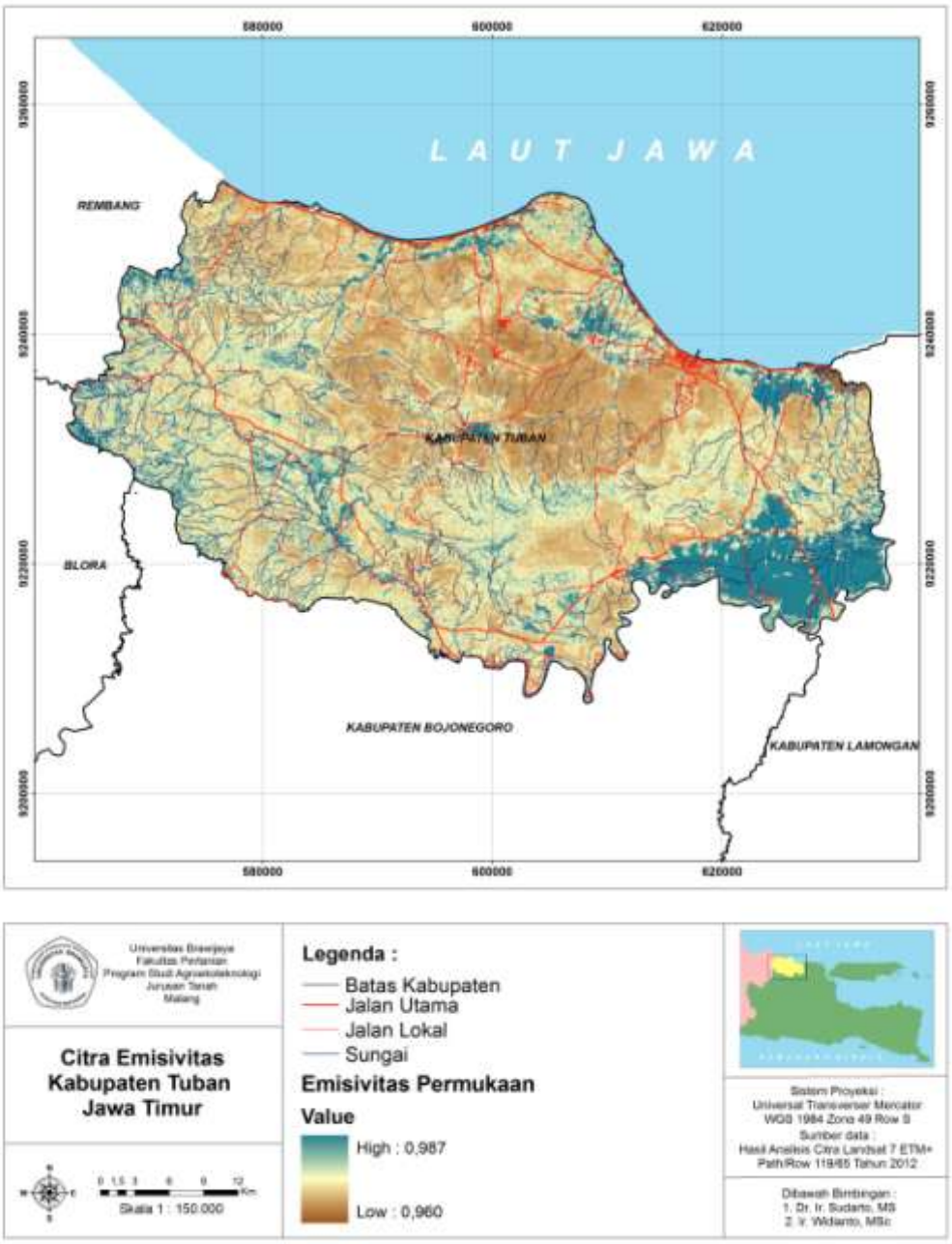
Lampiran 4. Peta Titik Pengamatan Kabupaten Tuban



Lampiran 5. Citra Albedo Permukaan Kabupaten Tuban

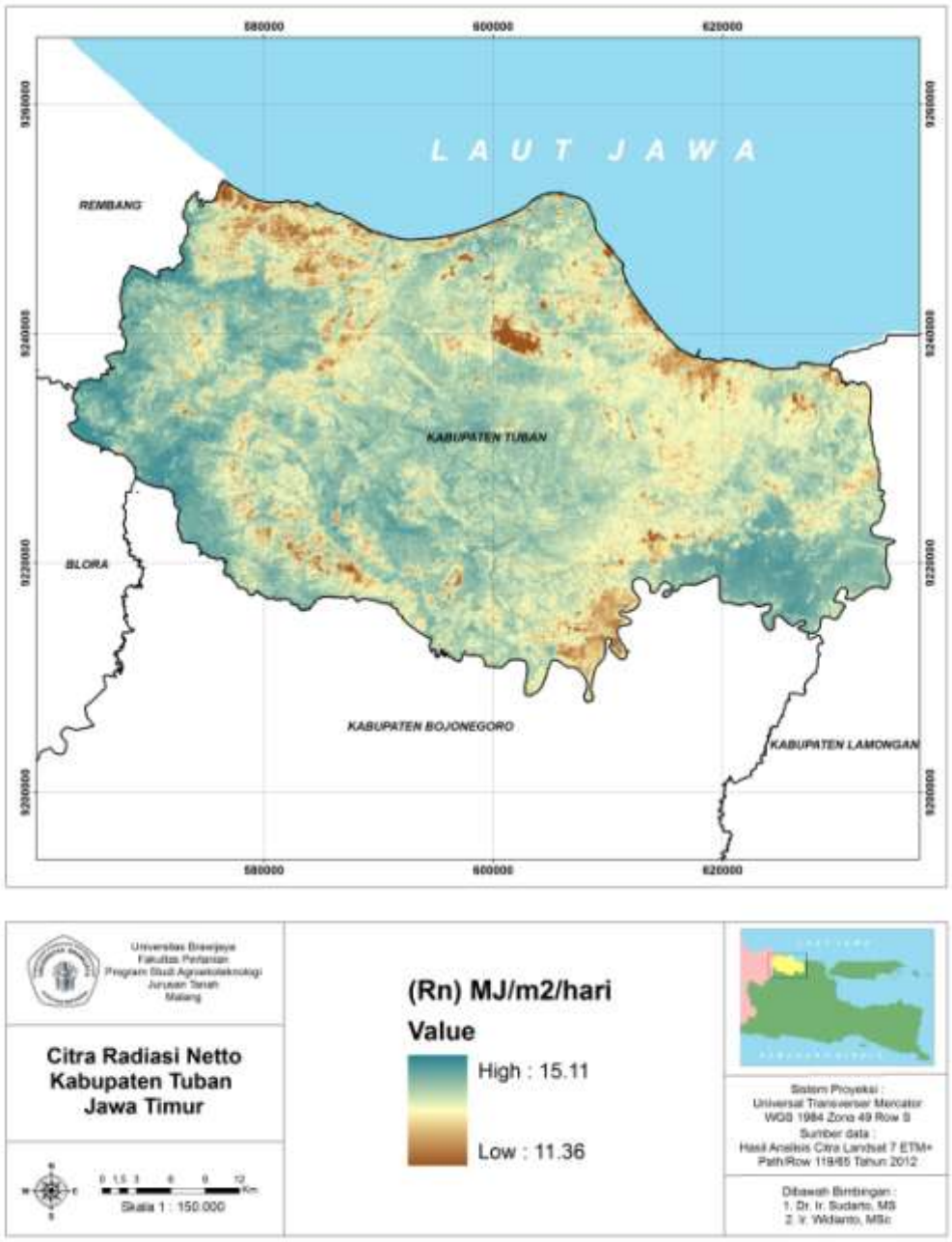


Lampiran 6. Citra Emisivitas Permukaan Kabupaten Tuban

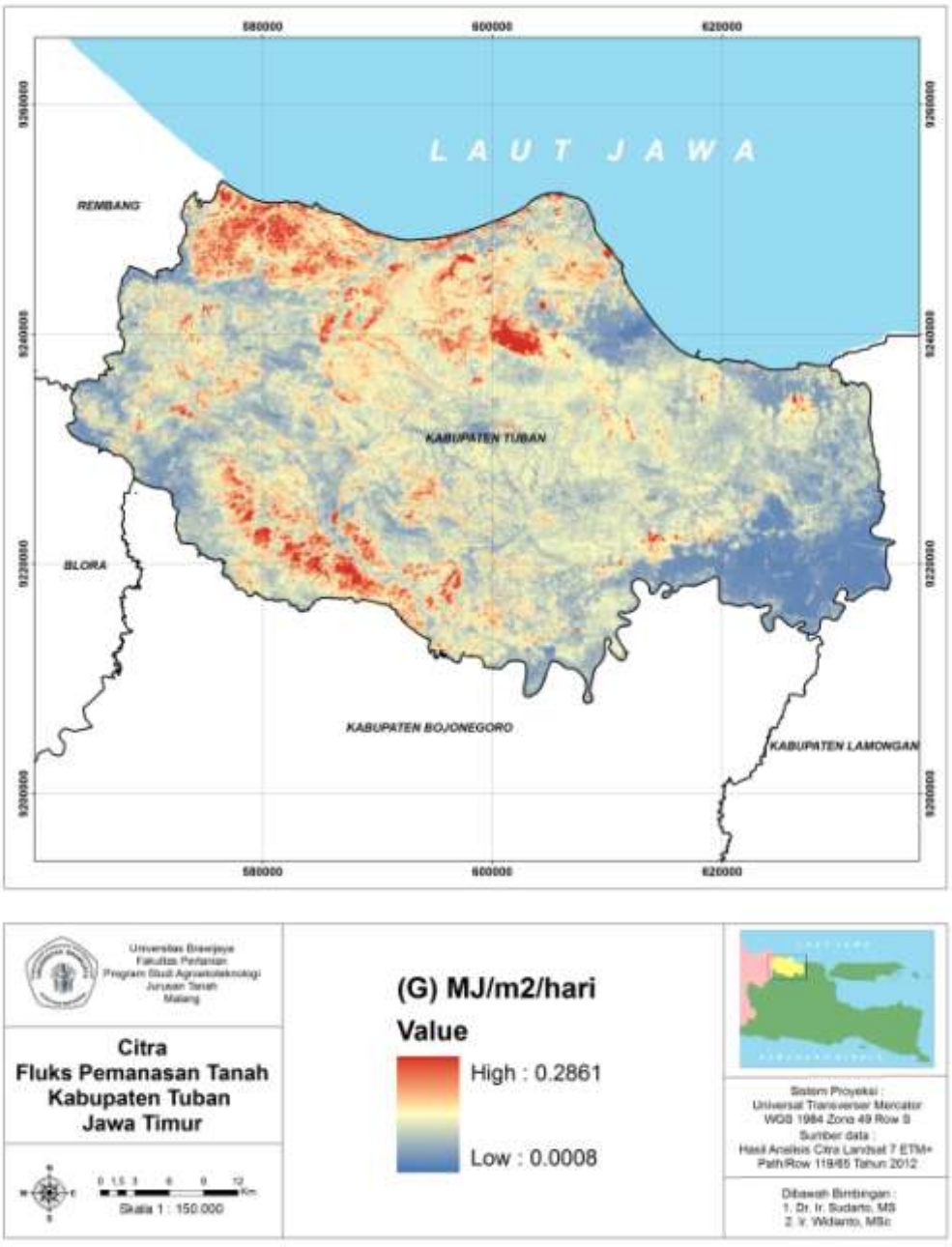


Lampiran 7. Citra *NDVI* Kabupaten Tuban

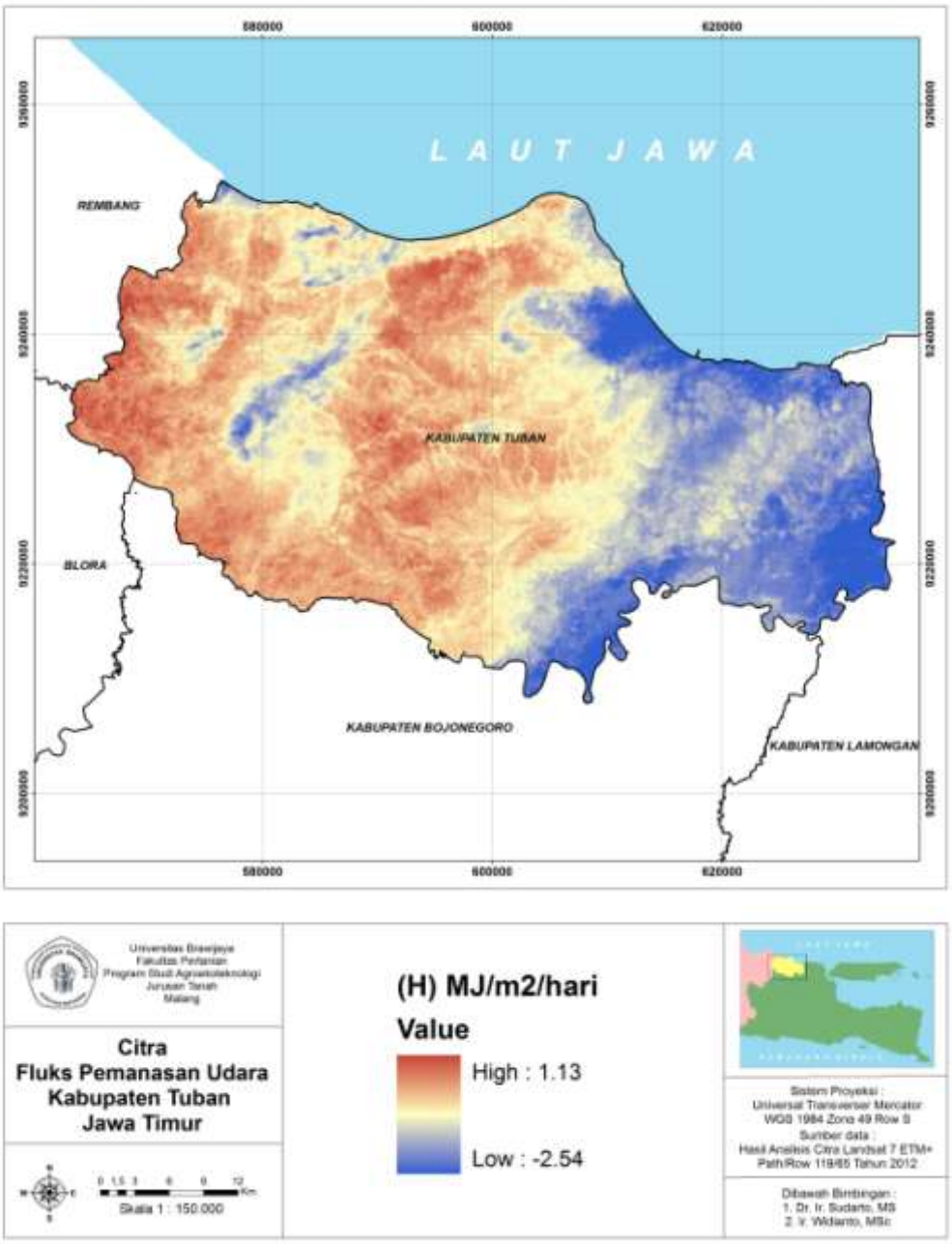
Lampiran 8. Citra Radiasi Netto Kabupaten Tuban



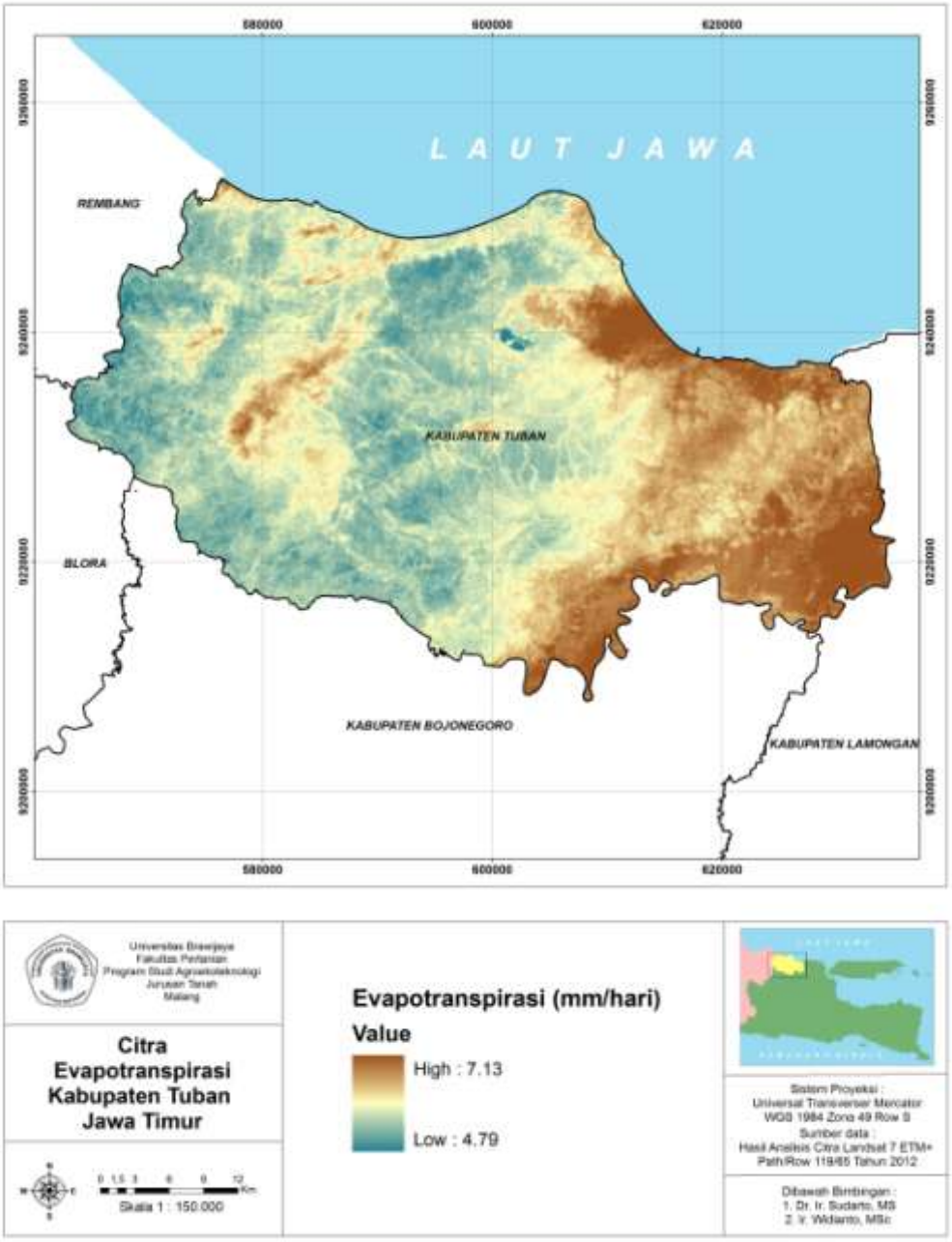
Lampiran 9. Citra Fluks Pemanasan Tanah Kabupaten Tuban



Lampiran 10. Citra Fluks Pemanasan Udara Kabupaten Tuban



Lampiran 11. Citra Evapotranspirasi Kabupaten Tuban



Lampiran 12. Analisis Statistik Anova

Change	d.f.	s.s.	m.s.	v.r.	F pr.
+ Ulangan	2	44.4709	22.2355	80.13	<.001
+ NDSI	83	14384.3010	173.3048	624.56	<.001
+ NDVI	4	3.9999	1.0000	3.60	0.096
+ NDWI	1	5.1269	5.1269	18.48	0.008
Residual	5	1.3874	0.2775		
Total	95	14439.2862	151.9925		

Lampiran 13. Analisis Korelasi KA dengan *NDSI, NDVI, NDWI*

Correlations: Kadar Air, NDSI, NDWI, NDVI

```
           Kadar Air       NDSI       NDWI
NDSI          -0.567
               0.000

NDWI           0.744     -0.824
               0.000      0.000

NDVI           0.651     -0.778      0.864
               0.000      0.000      0.000


Cell Contents: Pearson correlation
               P-Value
```

Lampiran 14. Analisis Regresi Berganda KA dengan *NDSI, NDVI, NDWI*

```
The regression equation is
Kadar Air (%) = - 357 + 2.37 NDSI + 0.142 NDVI + 4.29 NDWI


Predictor    Coef  SE Coef      T      P
Constant   -357.1    107.5  -3.32  0.002
NDSI        2.374    3.195   0.74  0.462
NDVI       0.1420   0.5655   0.25  0.803
NDWI        4.287    1.357   3.16  0.003


S = 11.6185   R-Sq = 56.7%   R-Sq(adj) = 53.1%


Analysis of Variance

Source           DF       SS      MS      F      P
Regression        3   6356.4  2118.8  15.70  0.000
Residual Error   36   4859.6   135.0
Total            39  11216.0


Source  DF  Seq SS
NDSI     1  3903.4
NDVI     1  1106.4
NDWI     1  1346.6

Unusual Observations
```

Obs	NDSI	Kadar Air (%)	Fit	SE Fit	Residual	St Resid
10	1.69	22.65	47.40	4.25	-24.75	-2.29R
15	2.53	67.86	45.12	3.59	22.75	2.06R
17	3.09	26.07	12.05	6.63	14.02	1.47 X
24	4.32	32.18	22.06	7.84	10.12	1.18 X
38	4.43	60.34	57.78	9.24	2.55	0.36 X
39	1.79	81.39	48.45	4.58	32.94	3.08R

R denotes an observation with a large standardized residual.
X denotes an observation whose X value gives it large leverage.

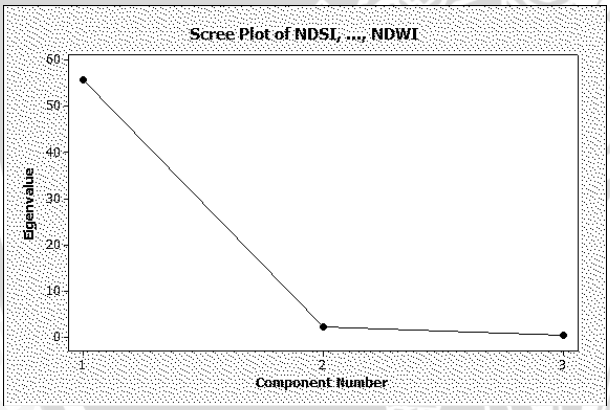
Lampiran 15. Analisis Komponen Utama Indeks Lahan *(NDSI, NDVI, NDWI)*

Eigenanalysis of the Covariance Matrix

Eigenvalue	55.659	2.299	0.321
Proportion	0.955	0.039	0.006
Cumulative	0.955	0.994	1.000

Variable	PC1	PC2	PC3
NDSI	0.121	0.217	0.969
NDVI	-0.908	0.419	0.020
NDWI	-0.401	-0.882	0.247

Scree Plot of NDSI, ..., NDWI



Lampiran 16. Analisis Regresi Linier Indeks Lahan

The regression equation is
Kadar Air (%) = - 108.1 - 1.562 Indeks Lahan

S = 12.4839 R-Sq = 47.2% R-Sq(adj) = 45.8%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	1	5293.2	5293.21	33.96	0.000
Error	38	5922.2	155.85		