

ภาคผนวก

ภาคผนวก ก

รายละเอียดของดาวเทียม AQUA MODIS

ดาวเทียม AQUA MODIS

EOS AQUA มีอีกชื่อหนึ่งว่า EOS-PM Earth เป็นดาวเทียมสำรวจทรัพยากรธรรมชาติของอเมริกา (NASA) ส่งขึ้นสู่วงโคจรเมื่อวันที่ 4 พฤษภาคม ค.ศ. 2002 (พ.ศ.2545) มีวงโคจรสัมพันธ์กับดวงอาทิตย์ (Sun Synchronous) ที่ $676 \text{ km} \times 687 \text{ km} \times 98.2^\circ$ โดยจรวด Delta-7920-10L จาก Vandenberg Air Force Base's SLC-2W เพื่อศึกษาความสัมพันธ์ของกระบวนการต่าง ๆ ของโลก ได้แก่ พื้นดิน มหาสมุทร และ บรรยากาศ ดาวเทียม AQUA มีขนาด $4.8 \times 8.4 \times 16.7$ เมตรหนัก 1.75 ตัน ผลิตพลังงานไฟฟ้าได้ 4.86 kW AQUA ติดตั้งอุปกรณ์วัด 6 ตัว คือ AMSR/E, MODIS, AMSU, AIRS, HSB, และ CERES



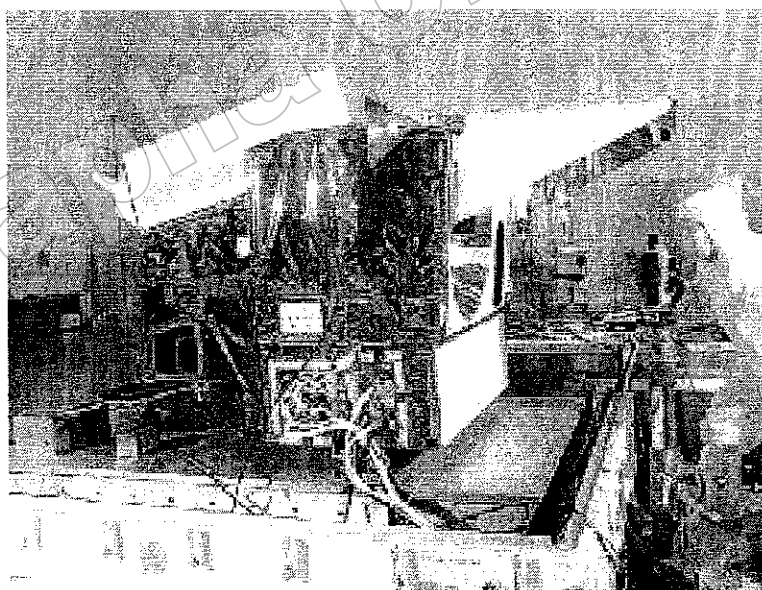
ภาพภาคผนวก ก-1 จรวด Delta-7920-10L



ภาพภาคผนวก ก-2 ดาวเทียม EOS AQUA

คุณสมบัติของ AQUA MODIS

MODIS (Moderate Resolution Imaging Spectroradiometer) ได้รับการพัฒนามาจากระบบ AVHRR (Advance Very High Resolution Radiometer) ที่ติดตั้งบนดาวเทียม NOAA MODIS เป็นเครื่องวัดคลื่นเชิงสเปกตรัม ที่ถูกติดตั้งบนดาวเทียม TERRA MODIS ถูกออกแบบขึ้นเพื่อใช้ในการติดตามและ ตรวจสอบข้อมูลทรัพยากรธรรมชาติ MODIS มีความกว้างของ Swath ประมาณ 2,330 กิโลเมตร และสามารถบันทึกข้อมูล ครอบคลุมพื้นที่ทั่วโลกได้ภายใน 2 วัน ข้อมูลที่ได้รับจาก MODIS ประกอบไปด้วย 36 ช่วงคลื่น ระหว่าง 0.4 ถึง 14 μm . โดยมีความละเอียดเชิงพื้นที่ที่แตกต่างกันไปในแต่ละช่วงคลื่น ตั้งแต่ 250 เมตร ถึง 1000 เมตร สำหรับการบันทึกข้อมูลนั้น MODIS จะกวาดภาพจากด้านหนึ่งของภาพ ไปสู่อีกด้านหนึ่ง โดยมีมุมกวาดได้สูงสุดถึง 55 องศาในแต่ละด้าน สำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ (องค์การมหาชน) สถาบันเทคโนโลยีแห่งเอเชีย (AIT) และ มหาวิทยาลัยโตเกียว ทำการลงนามบันทึกความเข้าใจเพื่อความร่วมมือในโครงการ MODIS โดยมี AIT เป็นผู้รับสัญญาดาวเทียมและผลิตข้อมูล ในขณะที่ สทอภ. จะเป็นผู้จัดเก็บข้อมูล และ ให้บริการแก่ผู้ใช้ข้อมูลในประเทศไทย และ ในกลุ่มอาเซียน โดยในปัจจุบัน สทอภ. สามารถให้บริการ ข้อมูล Raw data และ ข้อมูลใน level 1 B



ภาพภาคผนวก ก-3 เครื่องมือ MODIS

ตารางภาคผนวก ก-1 แสดงคุณสมบัติของดาวเทียม AQUA MODIS (สำนักงานพัฒนาเทคโนโลยี
อวกาศและภูมิสารสนเทศ, 2548)

Orbit	705 km, 10:30 AM descending node (AM-1) or 1:30 PM ascending node (PM-1), sun-synchronous, near-polar
Scan Rate	20.3 rpm, cross track
Swath Dimensions	2330 km (across track) by 10 km (along track at nadir)
Telescope	17.78 cm diam. off-axis, afocal (collimated), with intermediate field stop
Size	1.0 x 1.6 x 1.0 m
Mass	250 kg
Power	162.5 W (orbital average)
Data Rate	10.8 Mbps(peak daytime); 6.2 Mbps (orbital average)
Quantization	12 bits
Spatial Resolution	250 m (bands 1-2)
	500 m (bands 3-7)
	1000 m (bands 8-36)
Design Life	6 years

ตารางภาคผนวก ก-2 การใช้ประโยชน์ของดาวเทียม AQUA MODIS (สำนักงานพัฒนาเทคโนโลยี
อวกาศและภูมิสารสนเทศ, 2548)

Primary Use	Band	Bandwidth(nm)	Saturation	Required SNR #
Land/Cloud	1	620-670	1.5555	128
Boundaries	2	841-876	1.0490	201
	3	459-479	1.0696	243
	4	545-565	1.0130	228
Land/cloud/Aerosol	5	1230-1250	0.8420	74
Properties	6	1628-1652	1.0338	275
	7	2105-2155	0.3249	110
	8	405-420	0.3728	880
	9	438-448	0.2593	838
	10	483-493	0.1913	802
Ocean Color/	11	526-536	0.1580	754
Phytoplankton/	12	546-556	0.1243	750
Biogeochemistry	13	662-672	0.0750	910
	14	673-683	0.0748	1087
	15	743-753	0.0741	586
	16	862-877	0.0599	516
Atmospheric	17	890-920	0.7490	167

ภาคผนวก ข

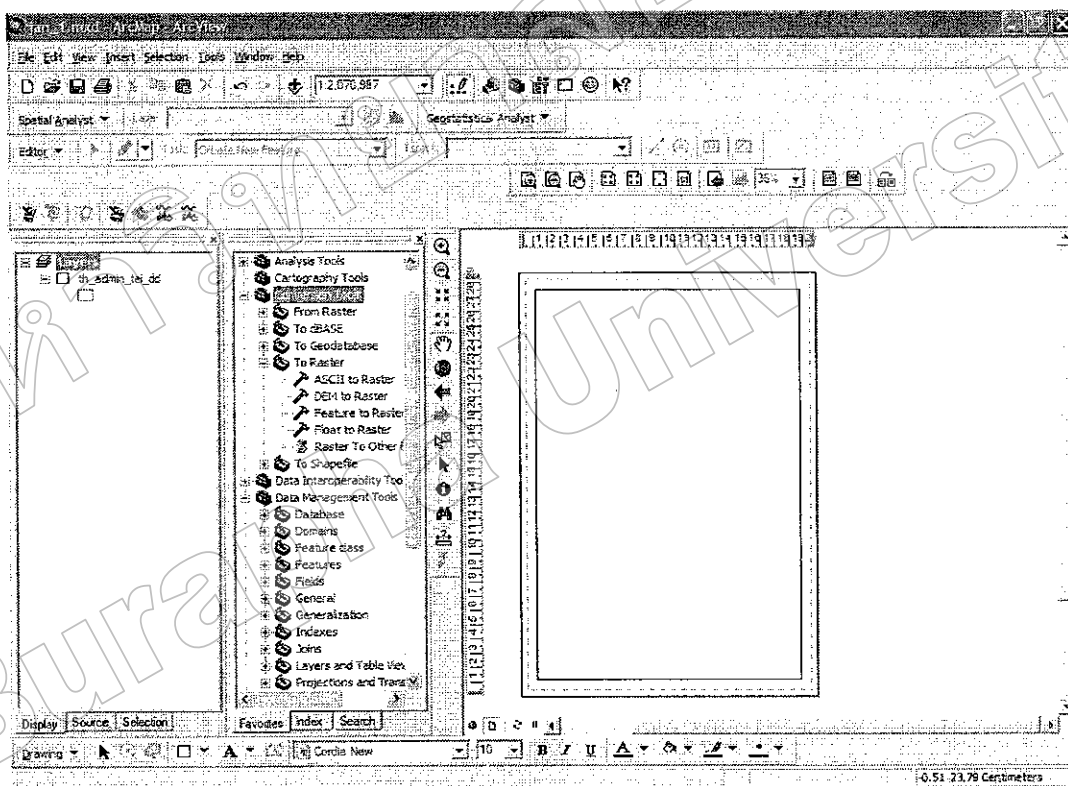
วิธีดำเนินการในโปรแกรม ArcGIS version 9.1

- **หลังจากดำเนินการใน Microsoft Excel**
- **การดำเนินการนำเข้าข้อมูลจาก MODIS**

วิธีดำเนินการในโปรแกรม ArcGIS version 9.1 หลังดำเนินการใน Microsoft Excel มีขั้นตอนดังนี้

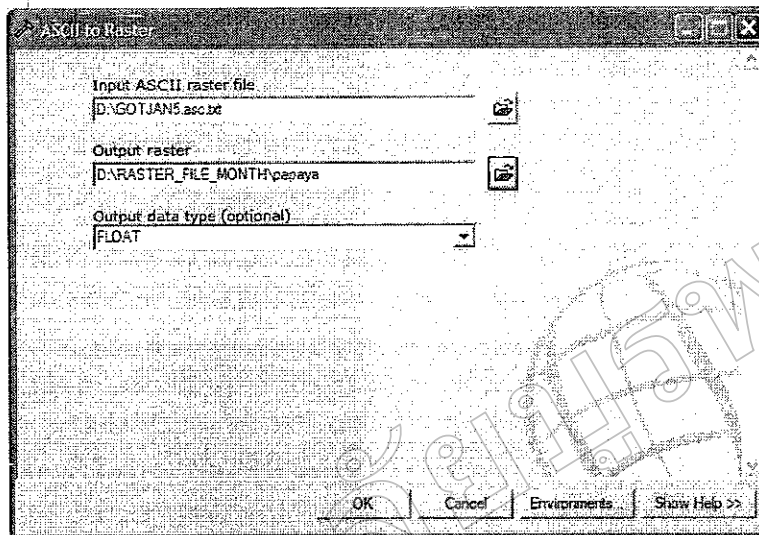
1. เปิดไฟล์งานที่เราต้องการ (*.asc) จะแปลงรูปแบบจาก ASCII เป็น Raster โดยไปที่คำสั่ง

- conversion tools
- to Raster
- เลือก ASCII to Raster ดังภาพภาคผนวก ข-1 *(การดำเนินการนำเข้าข้อมูลจาก AQUA MODIS ใช้คำสั่ง Feature to Raster)

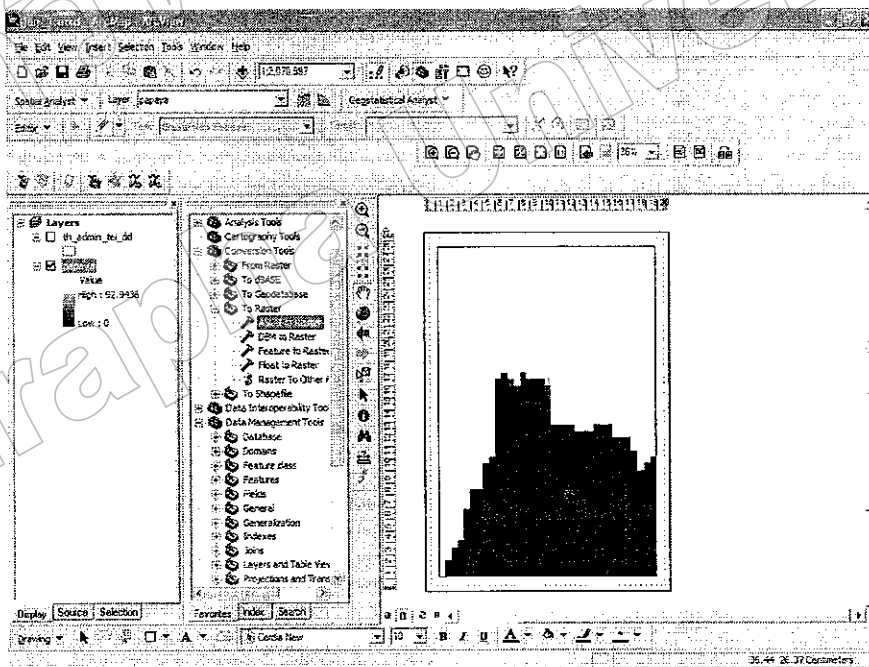


ภาพภาคผนวก ข-1 คำสั่ง Conversion tools

- ใส่ input ที่เป็น *.asc
- ใส่ output ใน folder ที่ต้องการ
- กำหนด data type เป็น Float ดังภาพภาคผนวก ข-2
- ได้ภาพที่ต้องการ ดังภาพภาคผนวก ข-3



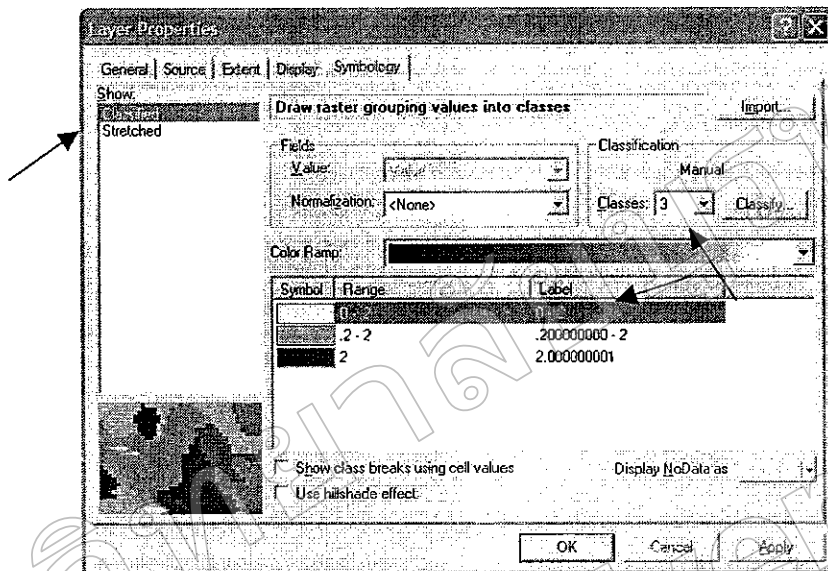
ภาพภาคผนวก ข-2 การกำหนด data type



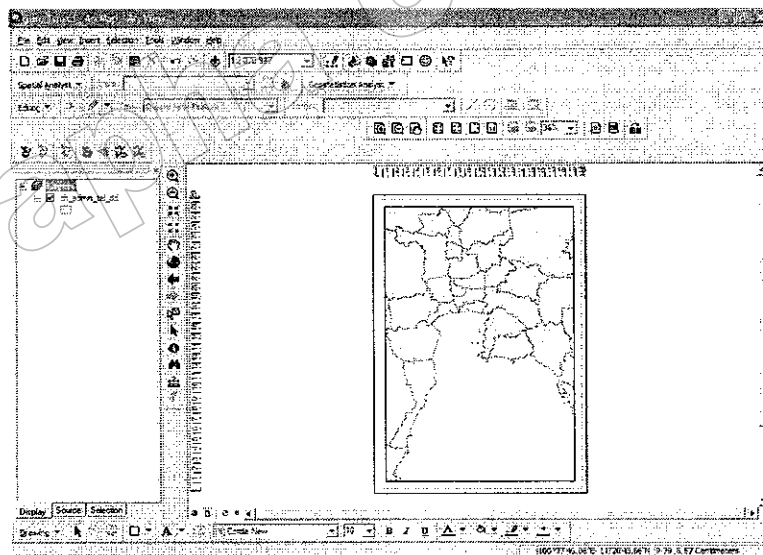
ภาพภาคผนวก ข-3 ภาพที่ต้องการ

- ทำการ classified เป็น 3 ช่วง *(ขั้นตอนเหมือนการนำเข้าข้อมูลจาก MODIS)
- เลือกคำสั่ง classified เดิม 3 ในช่อง classes ดังภาพภาคผนวก ข-4
- กำหนด Label ดังภาพภาคผนวก ข-4

- นำเข้าฐานข้อมูลพื้นที่ประเทศไทย (ดังภาพภาคผนวก ข-5)
- ใช้คำสั่ง Add data ชื่อ Th_admin_tei_dd ได้ดังภาพภาคผนวก ข-6

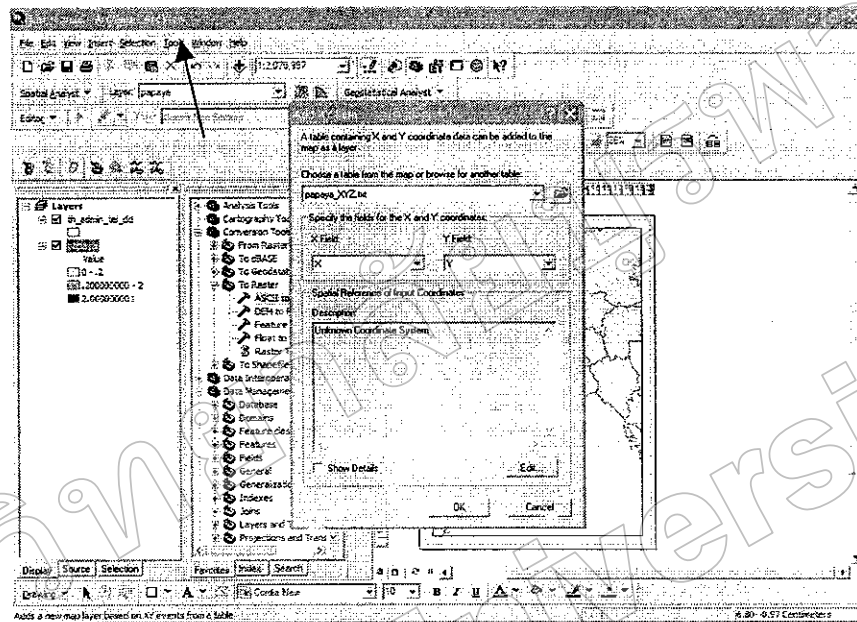


ภาพภาคผนวก ข-4 การclassified

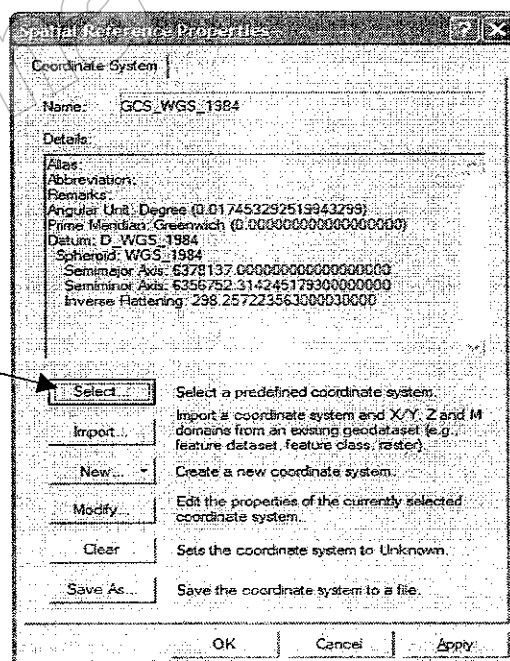


ภาพภาคผนวก ข-5 Add Map Thai

- ใช้คำสั่ง tools Add XYZ data เลือกไฟล์ที่ต้องการ (ภาพภาคผนวก ข-8)
- Edit select > world > WGS 84 > Ok > ok ดังภาพภาคผนวก ข-9



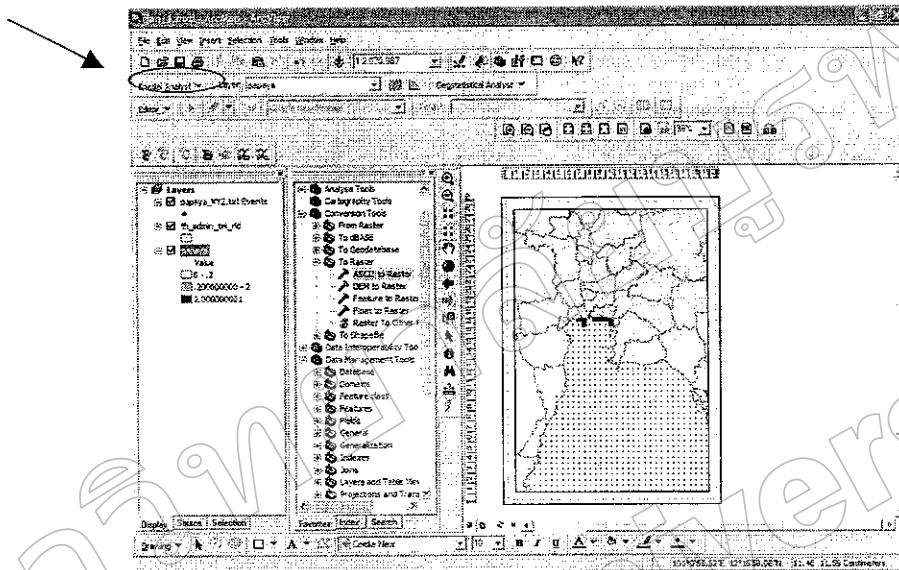
ภาพภาคผนวก ข-8 Add XYZ data



ภาพภาคผนวก ข-9 การตั้งค่า

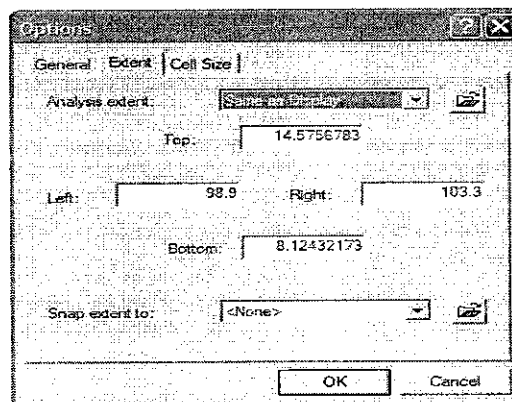
- จากนั้นทำการบันทึกข้อมูล โดยคลิกขวามุมภาพที่ได้
- Data > export data
- ใส่ชื่อไฟล์ที่ต้องการบันทึก *.txt

3. ลำดับสุดท้ายของการปรับภาพมาที่คำสั่ง Spatial Analyst ดังภาพภาคผนวก ข-10



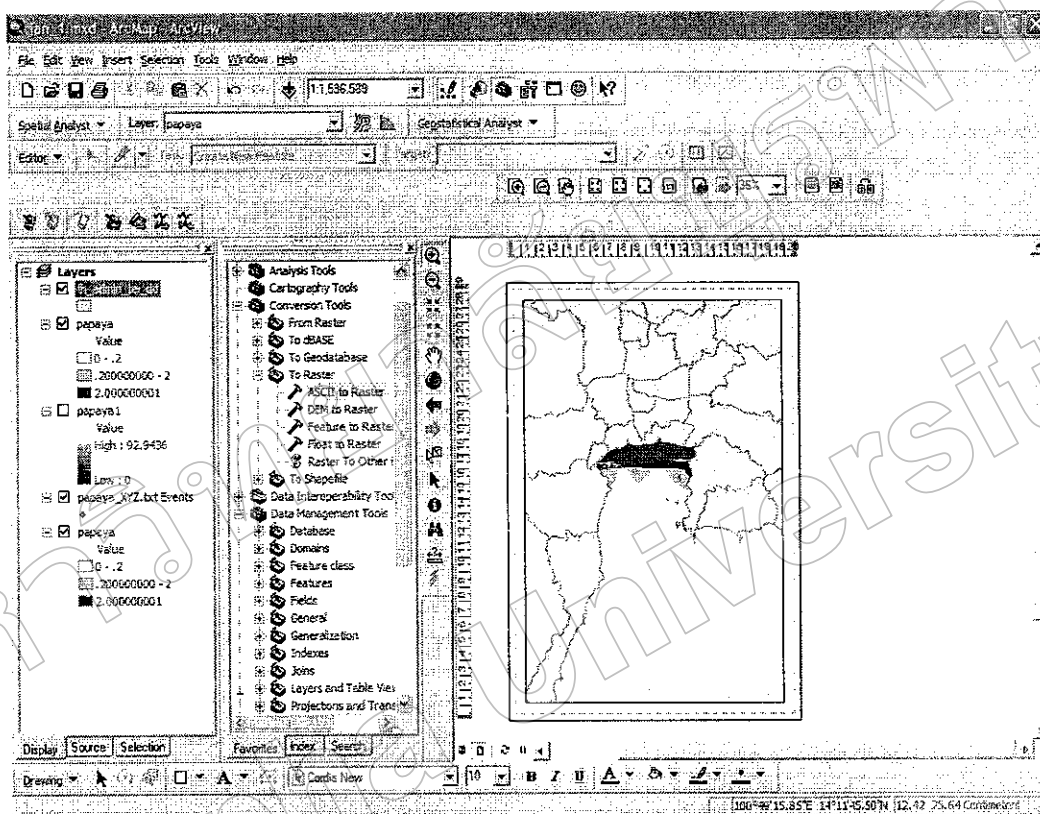
ภาพภาคผนวก ข-10 คำสั่ง Spatial Analyst

- เลือก option > Extend
- เลือก Same as Display > ok ดังภาพภาคผนวก ข-11



ภาพภาคผนวก ข-11 Same as Display

- ได้ภาพความเข้มข้นของคลอโรฟิลล์จากแบบจำลอง (ภาพภาคผนวก ข-14)
- บันทึกข้อมูล
- จบการทำงาน



ภาพภาคผนวก ข-14 ภาพความเข้มข้นของคลอโรฟิลล์ที่ต้องการ

ภาคผนวก ค

ภาพแผ่นงาน (Sheet) ในการดำเนินการแบบจำลอง

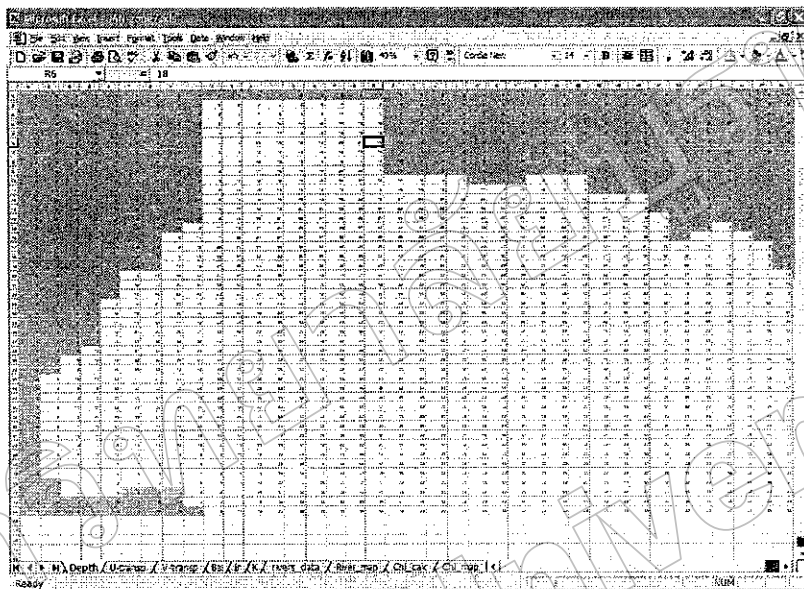
โปรแกรม Microsoft Excel

หมายเหตุ : ตัวเลขที่ปรากฏในแผ่นงานมีค่า
จริง แต่ในภาคผนวก ค นี้แสดง
ไม่ชัดเจนเนื่องด้วยข้อจำกัดของ
รูปแบบรายงาน

การดำเนินการแบบจำลองบนโปรแกรม Microsoft Excel ประกอบด้วยแผ่นงาน (Sheet) ทั้งหมด 10 แผ่นงาน ดังนี้

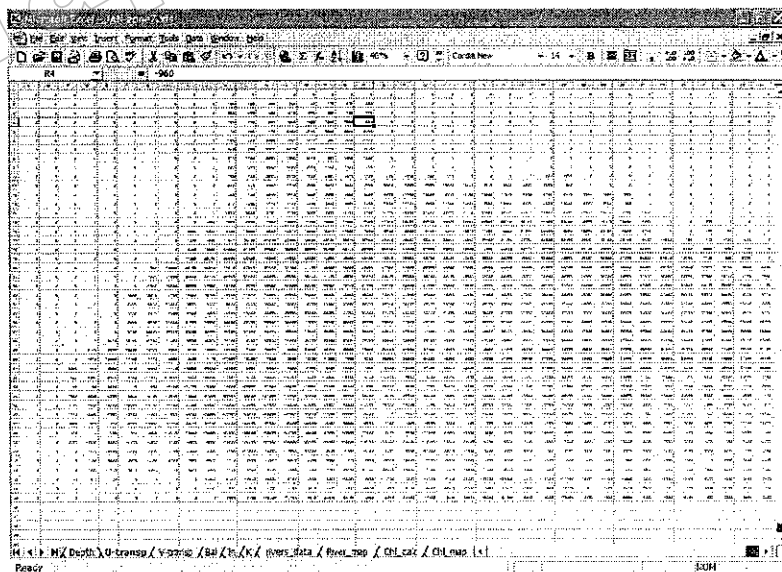
1. ความลึก (depth) เป็นความลึกในบริเวณพื้นที่ศึกษาหน่วยเป็นเมตร ดังภาพ

ภาพผนวก ค-1



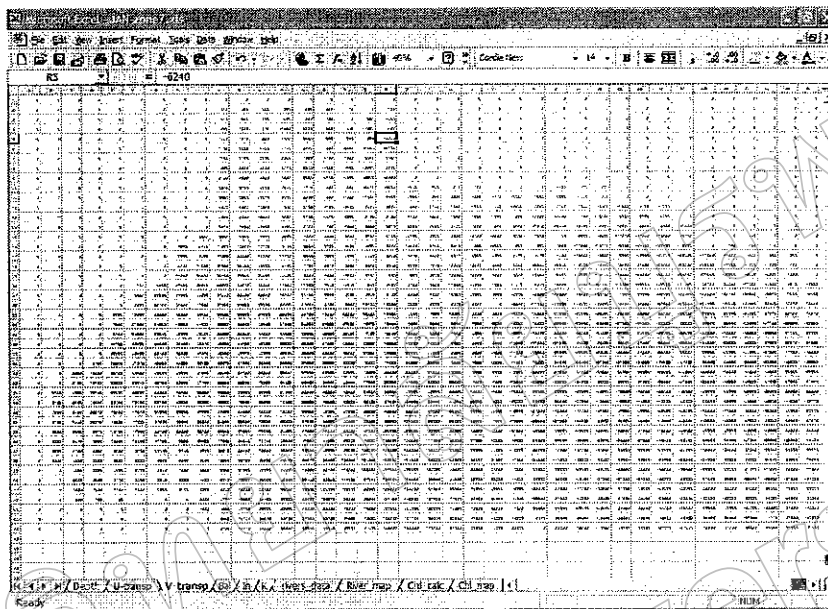
ภาพผนวก ค-1 แผ่นงานความลึกในบริเวณพื้นที่ศึกษา

2. U-Transssportation ปริมาณการไหลของน้ำในแกน X (m^3/s) แตกต่างกันแต่ละเดือนที่ศึกษา ดังภาพภาพผนวก ค-2



ภาพผนวก ค-2 แผ่นงานปริมาณการไหลของน้ำในแกน X (m^3/s)

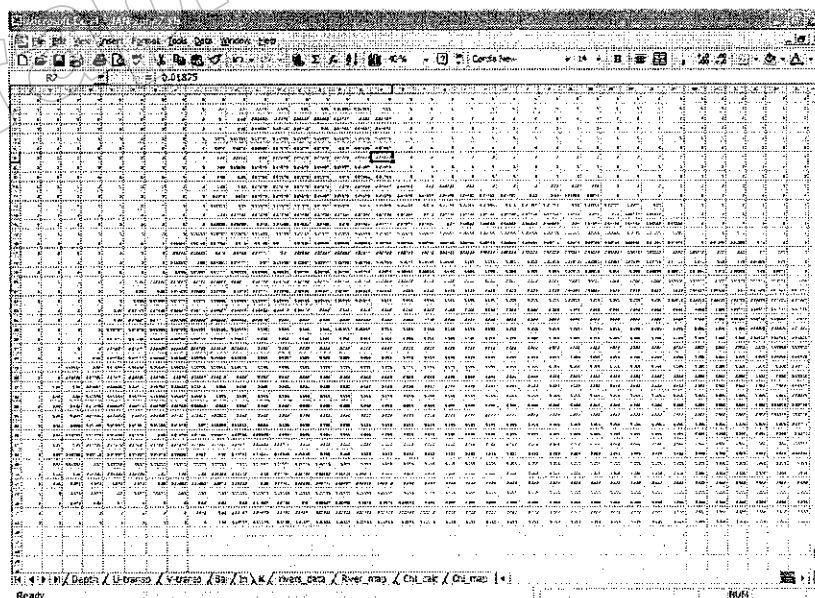
3. V- Transportation ปริมาณการไหลของน้ำในแกน Y (m^3/s) แตกต่างกันในแต่ละเดือนที่ศึกษา ดังภาพภาคผนวก ค-3



ภาพภาคผนวก ค-3 แผนงานปริมาณการไหลของน้ำในแกน Y

4. K คือค่าความสามารถในการกำจัดคลอโรฟิลล์ ณ ตำแหน่งนั้นๆ (mg/m^3) ดังภาพภาค

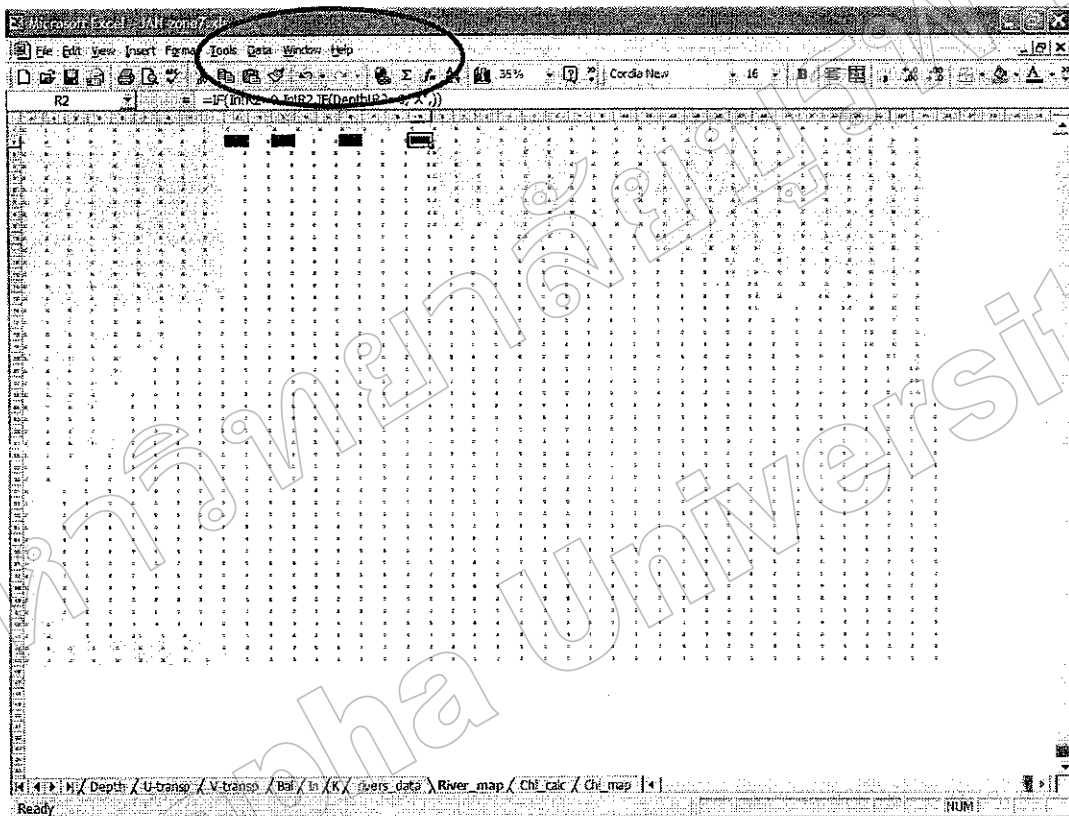
ผนวก ค-4



ภาพภาคผนวก ค-4 ค่าความสามารถในการกำจัดคลอโรฟิลล์ ณ ตำแหน่งนั้นๆ (mg/m^3)

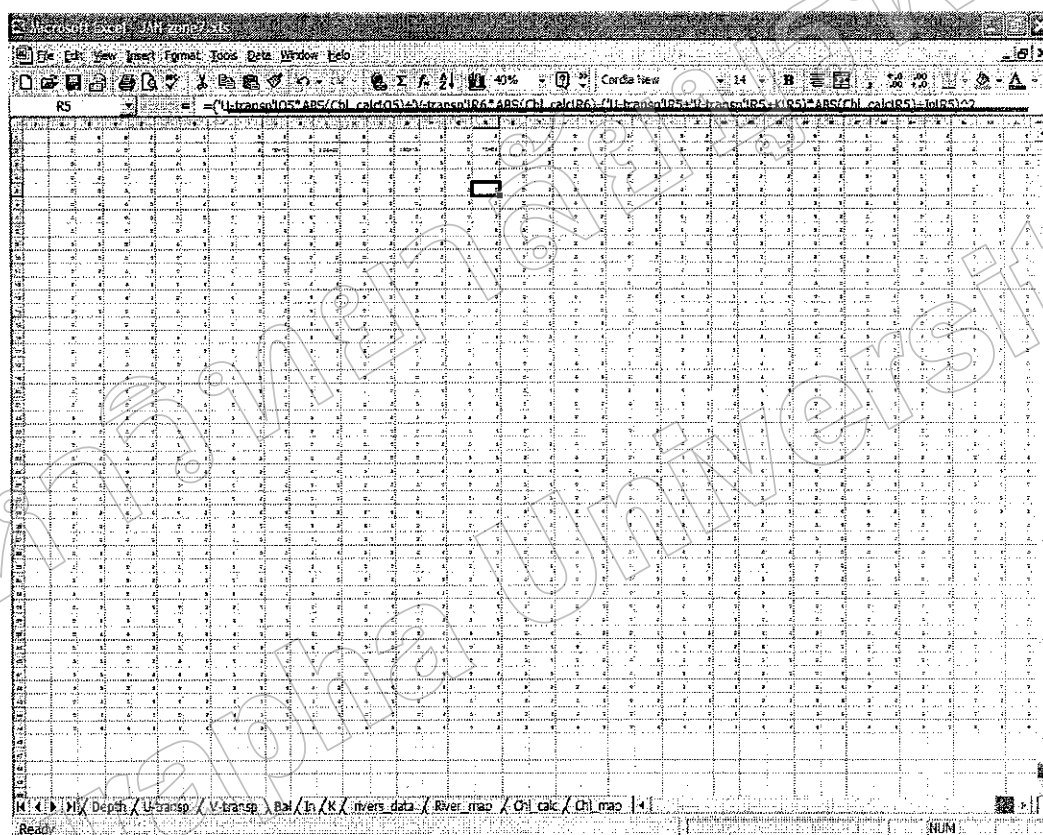
7. River_map เป็นแผ่นงานที่แสดงตำแหน่งปากแม่น้ำที่ศึกษาซึ่งมีคำสั่ง

$\text{IF}(\text{In!R2}>0,\text{In!R2},\text{IF}(\text{Depth!R2}=0,"X",))$ อ้างอิงแผ่นงาน In และDepth เพื่อบอกตำแหน่งปากแม่น้ำได้ถูกต้องโดยบริเวณที่เป็นแผ่นดินแทนด้วยอักษร X และบริเวณที่มีความลึกแต่ไม่ใช่ตำแหน่งของปากแม่น้ำแทนด้วย 0 ดังภาพภาคผนวก ค-7



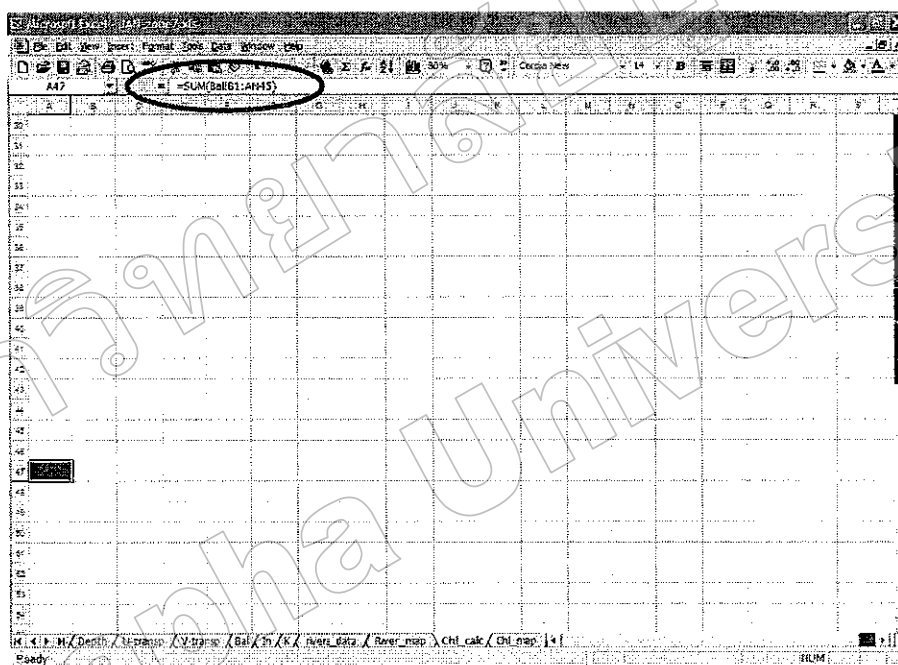
ภาพภาคผนวก ค-7 แผ่นงานที่แสดงตำแหน่งปากแม่น้ำ

8. Bal เป็นแผ่นงานที่ประกอบด้วยชุดคำสั่งหาค่าผลรวมความ คลาดเคลื่อนที่น้อยที่สุด เพื่อเป็นการปรับค่าอื่น ๆ ให้คงที่ส่งต่อไปยังแผ่นงาน Chl_calc สำหรับการคำนวณค่าความเข้มข้น ของคลอโรฟิลล์แต่ละปากแม่น้ำจะมีตัวอย่างของชุดคำสั่งคือ ('U-transp'!I2*ABS(Chl_calc!I2)+'V-transp'!J3*ABS(Chl_calc!J3)-('U-transp'!J2+'V-transp'!J2+K!J2)*ABS(Chl_calc!J2)+In!J2)^2 ดังภาพภาคผนวก ก-8



ภาพภาคผนวก ก-8 แผ่นงานที่ประกอบด้วยชุดคำสั่งหาค่าผลรวมความ คลาดเคลื่อนที่น้อยที่สุด

9. Chl_calc เป็นแผ่นงานที่มีคำสั่งเพื่อประมวลผลผลลัพธ์เพื่อหาค่าความเข้มข้นของคลอโรฟิลล์ในพื้นที่ศึกษามีคำสั่งในเซลล์ที่ A47 = SUM(Bal!B1:AN45) คือการรวมค่าทั้งหมดของแผ่นงาน Bal ในพื้นที่ศึกษา และเป็นแผ่นงานที่ กำหนดค่าต่างๆของ Solver Function ซึ่งเป็น Add-in function ในโปรแกรม Microsoft Excel เพื่อช่วยในการทดสอบค่าตัวแปร เพื่อให้ได้ค่าที่ใกล้เคียงมากที่สุด (Optimization model) โดยตั้งเงื่อนไขของการทดสอบให้สมการใกล้เคียงค่าศูนย์ ผลการทดสอบไม่มีค่าเป็นลบ ดังภาพภาคผนวก ก-9



ภาพภาคผนวก ก-9 แผ่นงาน Chl_calc

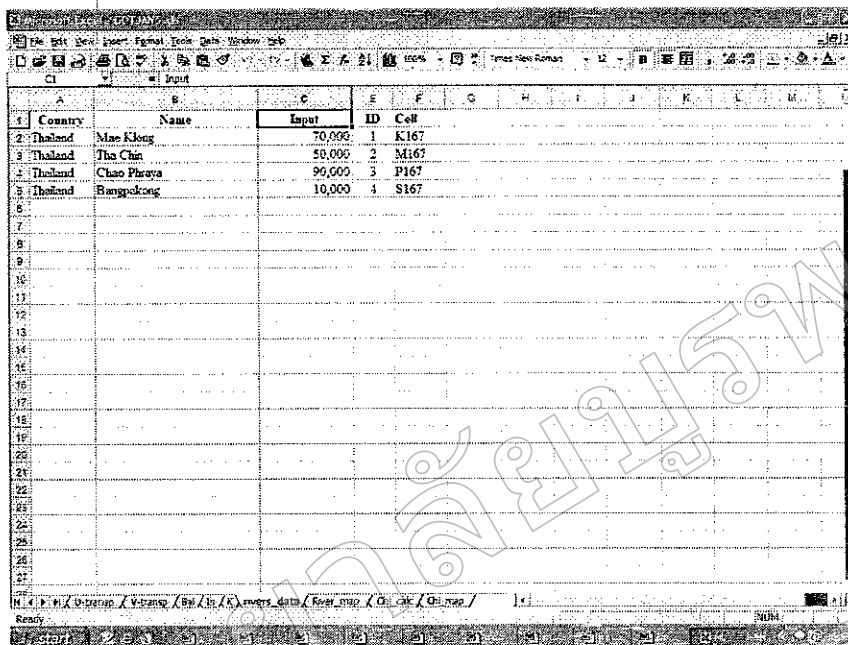
10. Chl_map เป็นแผนงานที่แสดงผลลัพธ์ส่งต่อจากการประมวลผลความเข้มข้นของคลอโรฟิลล์จากแผนงาน Chl_calc ซึ่งมีคำสั่งดังนี้ IF(Depth!J2=0,"-9999",ABS(Chl_calc!J2)) หมายถึง ถ้าความลึกในตำแหน่งที่สนใจเป็น 0 ให้ใส่เลข -9999 แต่ถ้าความลึกบริเวณนั้นไม่เป็น 0 ก็ให้ใส่ค่าสัมบูรณ์ (Absolute) ของตำแหน่งนั้นโดยอ้างอิงจากแผนงาน Chl_calc (ภาพ ภาคผนวก ค-10)

The screenshot shows an Excel spreadsheet with a formula bar at the top displaying the formula: `=IF(Depth!J2=0,"-9999",ABS(Chl_calc!J2))`. The spreadsheet contains a large grid of data, likely representing depth measurements and chlorophyll concentrations. The data is organized in rows and columns, with some cells highlighted in blue. The status bar at the bottom shows 'Rebby' and 'HUM'.

ภาพภาคผนวก ค-10 แผนงาน Chl_map

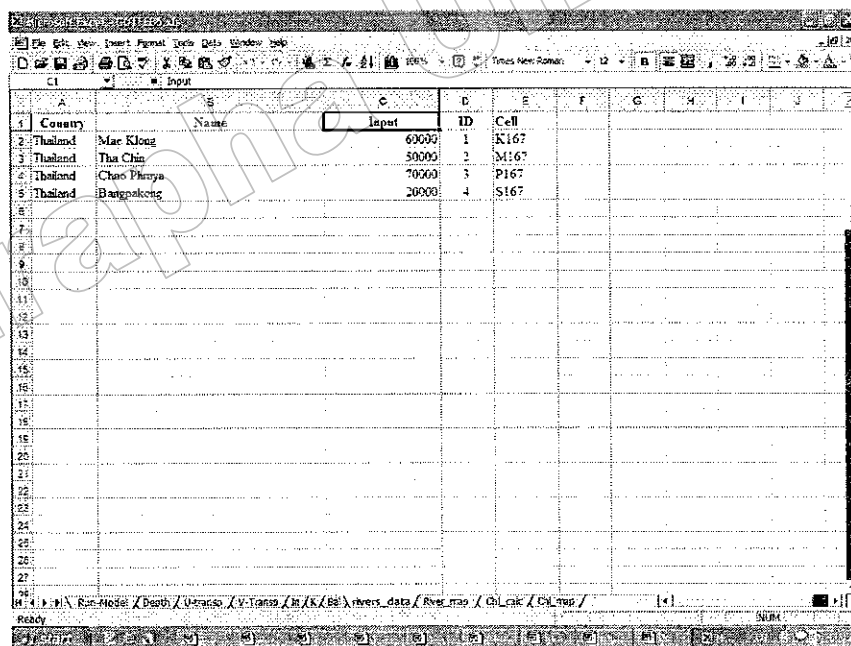
ภาคผนวก ง

ภาพแผ่นงาน River_data แสดงปริมาณ Nutrient Loading รายเดือน
ในแบบจำลองทางคณิตศาสตร์บนโปรแกรม Microsoft Excel



Country	Name	Input	ID	Cell
Thailand	Mae Klong	70,000	1	K167
Thailand	Tha Chin	50,000	2	M167
Thailand	Chao Phraya	90,000	3	P167
Thailand	Bangkokong	10,000	4	S167

ภาพภาคผนวก ง-1 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading มกราคม (ช่อง Input)



Country	Name	Input	ID	Cell
Thailand	Mae Klong	60000	1	K167
Thailand	Tha Chin	50000	2	M167
Thailand	Chao Phraya	70000	3	P167
Thailand	Bangkokong	20000	4	S167

ภาพภาคผนวก ง-2 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading กุมภาพันธ์ (ช่อง Input)

Country	Name	Input	ID	Cell
Thailand	Mae Klong	50000	1	K167
Thailand	Tha Chin	20000	2	M167
Thailand	Chao Phraya	60000	3	P167
Thailand	Bangpakong	10000	4	S167

ภาพภาคผนวก ง-3 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading มีนาคม (ช่อง Input)

Country	Name	Input	ID	Cell
Thailand	Mae Klong	60,000	1	K167
Thailand	Tha Chin	40,000	2	M167
Thailand	Chao Phraya	70,000	3	P167
Thailand	Bangpakong	10,000	4	S167

ภาพภาคผนวก ง-4 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading เมษายน (ช่อง Input)

Country	Name	Input	ID	Cell
Thailand	Mae Klong	190,000	1	K167
Thailand	Thun Chan	130,000	2	M167
Thailand	Chao Phraya	230,000	3	P167
Thailand	Bangkok	70,000	4	S167

ภาพภาคผนวก ง-5 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading พฤษภาคม (ช่อง Input)

Country	Name	Input	ID	Cell
Thailand	Mae Klong	460,000	1	K167
Thailand	Thun Chan	310,000	2	M167
Thailand	Chao Phraya	700,000	3	P167
Thailand	Bangkok	240,000	4	S167

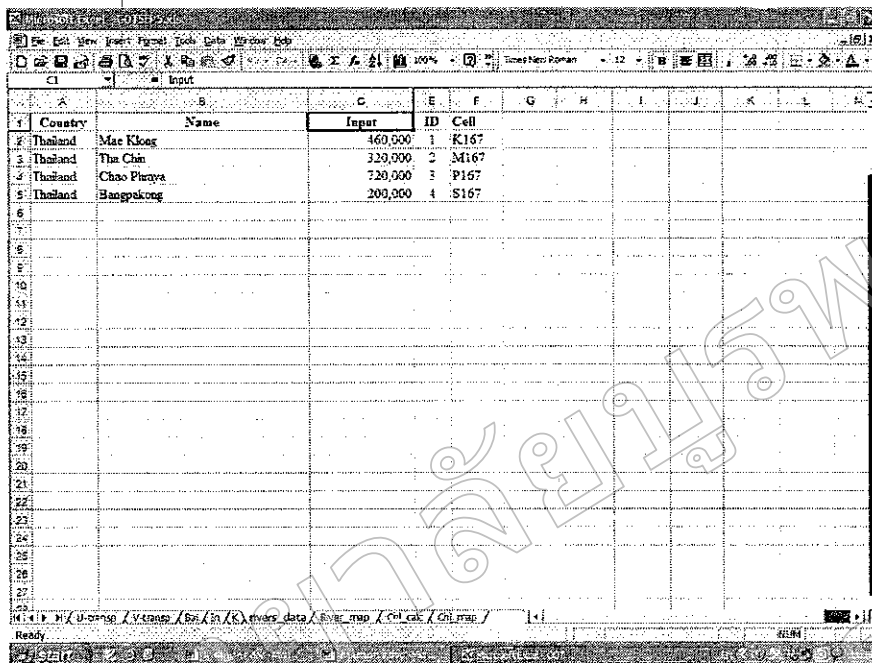
ภาพภาคผนวก ง-6 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading มิถุนายน (ช่อง Input)

Country	Name	Input	ID	Cell
Thailand	Mae Klong	450,000	1	K167
Thailand	Tha Chin	300,000	2	M167
Thailand	Chao Phraya	670,000	3	P167
Thailand	Bangkok	240,000	4	S167

ภาพภาคผนวก ง-7 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading ฤดูกาลม (ช่อง Input)

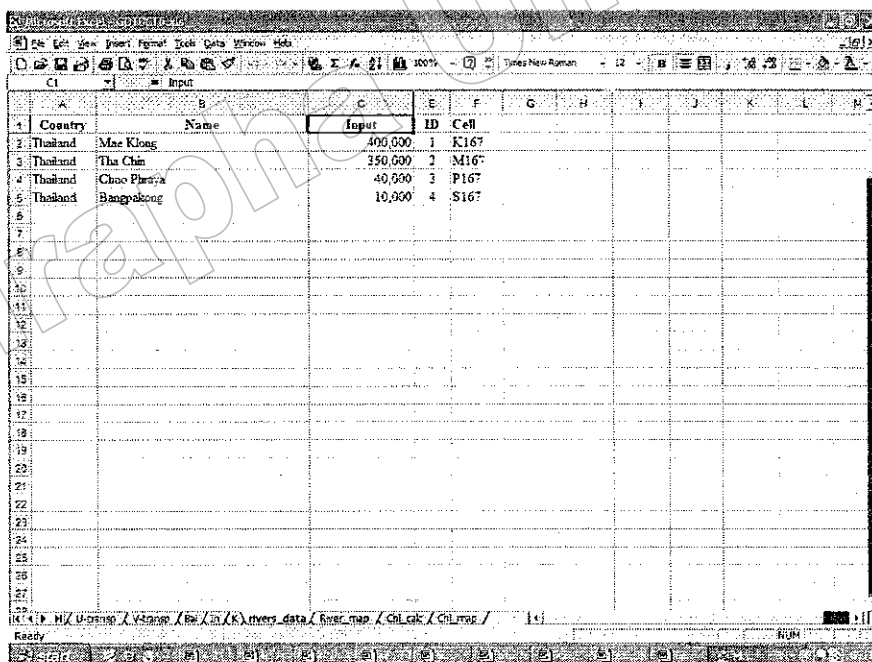
Country	Name	Input	ID	Cell
Thailand	Mae Klong	450000	1	K167
Thailand	Tha Chin	300000	2	M167
Thailand	Chao Phraya	700000	3	P167
Thailand	Bangkok	250000	4	S167

ภาพภาคผนวก ง-8 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading ถึงหาดม (ช่อง Input)



Country	Name	Input	ID	Cell
Thailand	Mae Klong	460,000	1	K167
Thailand	Tha Chin	320,000	2	M167
Thailand	Chao Phraya	720,000	3	P167
Thailand	Bangkok	200,000	4	S167

ภาพภาคผนวก ง-9 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading กันยายน (ช่อง Input)



Country	Name	Input	ID	Cell
Thailand	Mae Klong	400,000	1	K167
Thailand	Tha Chin	350,000	2	M167
Thailand	Chao Phraya	40,000	3	P167
Thailand	Bangkok	10,000	4	S167

ภาพภาคผนวก ง-10 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading ตุลาคม (ช่อง Input)

	A	B	C	E	F	G	H	I	J	K	L	M	N
1	Country	Name	Input	ID	Cell								
2	Thailand	Mar Klong	120000	1	J2								
3	Thailand	Tha Chin	80000	2	L2								
4	Thailand	Chao Phraya	220000	3	O2								
5	Thailand	Bangkok	70000	4	R2								

ภาพภาคผนวก ง-11 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading พหุศักราช (ช่อง Input)

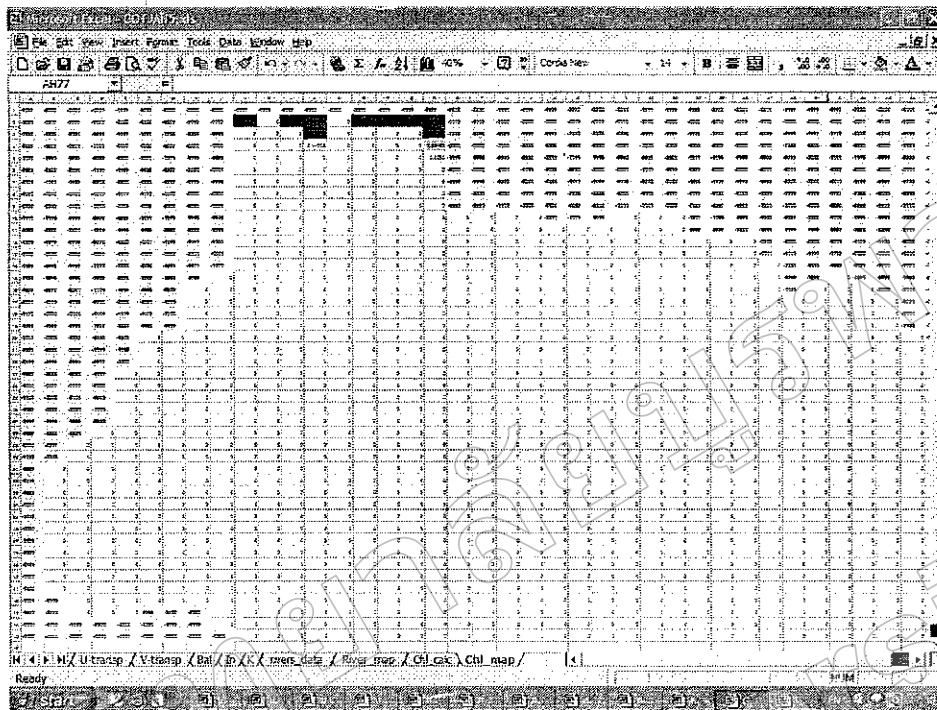
	A	B	C	E	F	G	H	I	J	K	L	M	N
1	Country	Name	Input	ID	Cell								
2	Thailand	Mar Klong	90,000	1	K167								
3	Thailand	Tha Chin	70,000	2	M167								
4	Thailand	Chao Phraya	80,000	3	P167								
5	Thailand	Bangkok	60,000	4	S167								

ภาพภาคผนวก ง-12 ภาพแผ่นงาน River_data แสดงปริมาณ nutrient loading ธันวาคม (ช่อง Input)

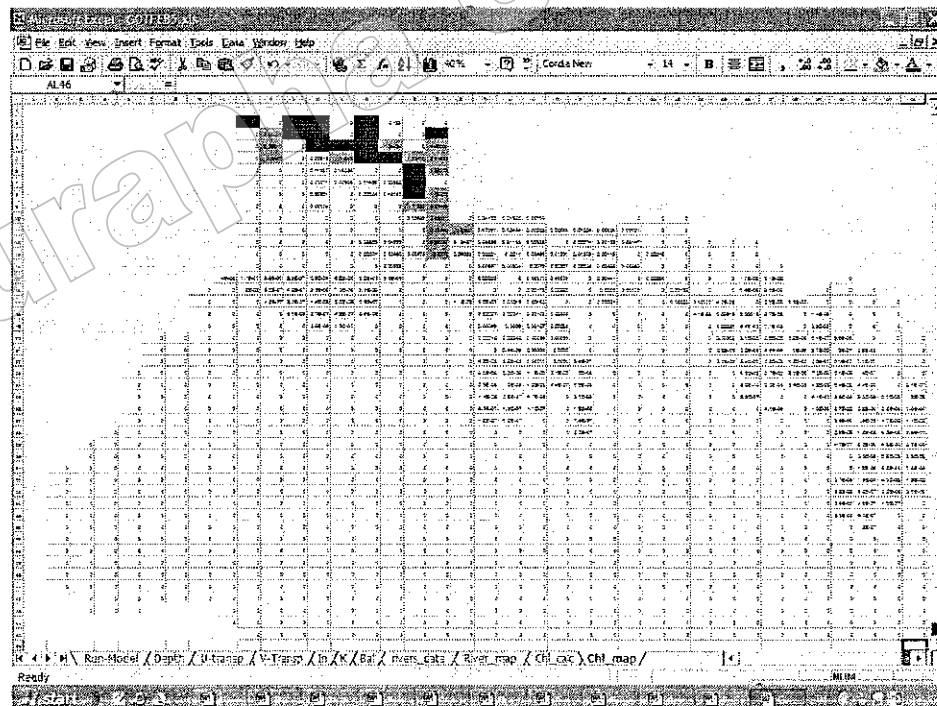
ภาคผนวก จ

ภาพแผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล
ในแบบจำลองทางคณิตศาสตร์บนโปรแกรม Microsoft Excel

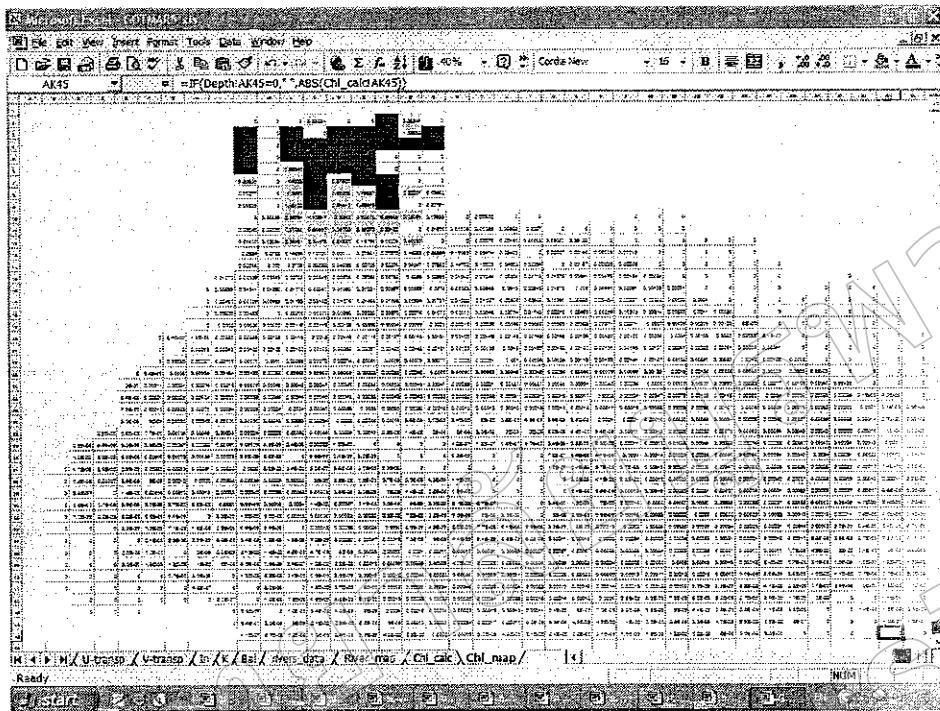
หมายเหตุ: ตัวเลขที่ปรากฏอยู่ในแผ่นงาน
มีค่าจริงแต่ในภาคผนวก จ นี้
ไม่ชัดเจนเนื่องด้วยข้อจำกัด
ของรูปแบบรายงาน



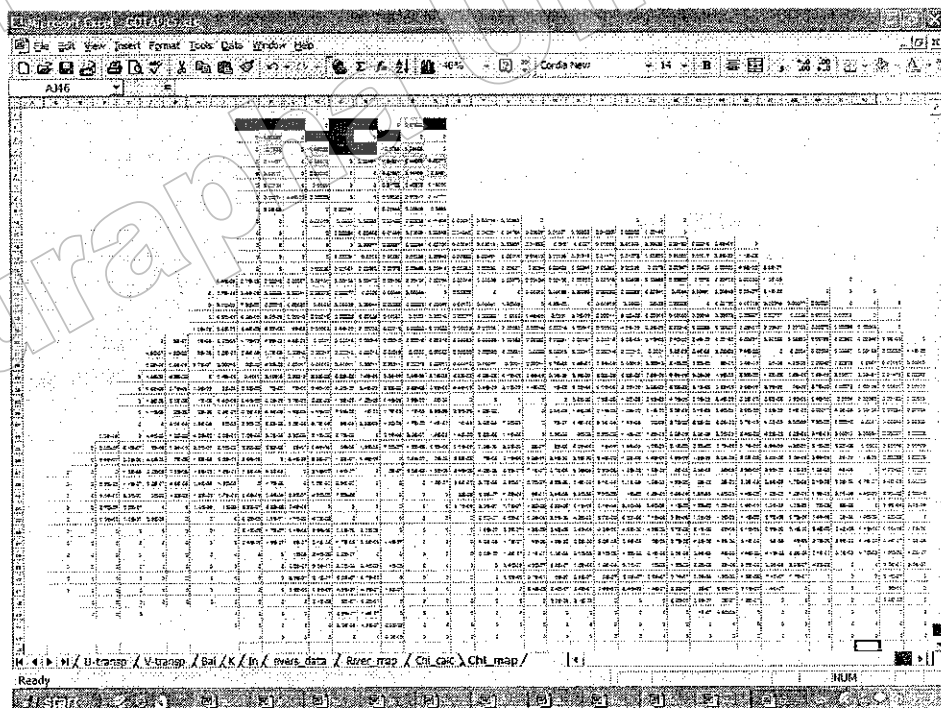
ภาพภาคผนวก จ-1 แผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนมกราคม



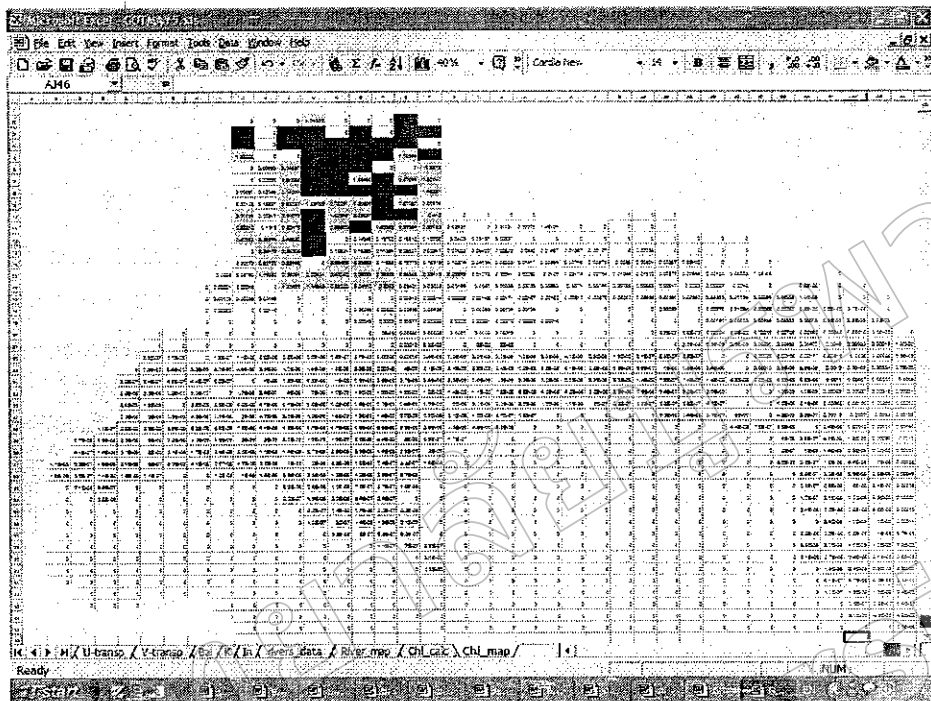
ภาพภาคผนวก จ-2 แผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนกุมภาพันธ์



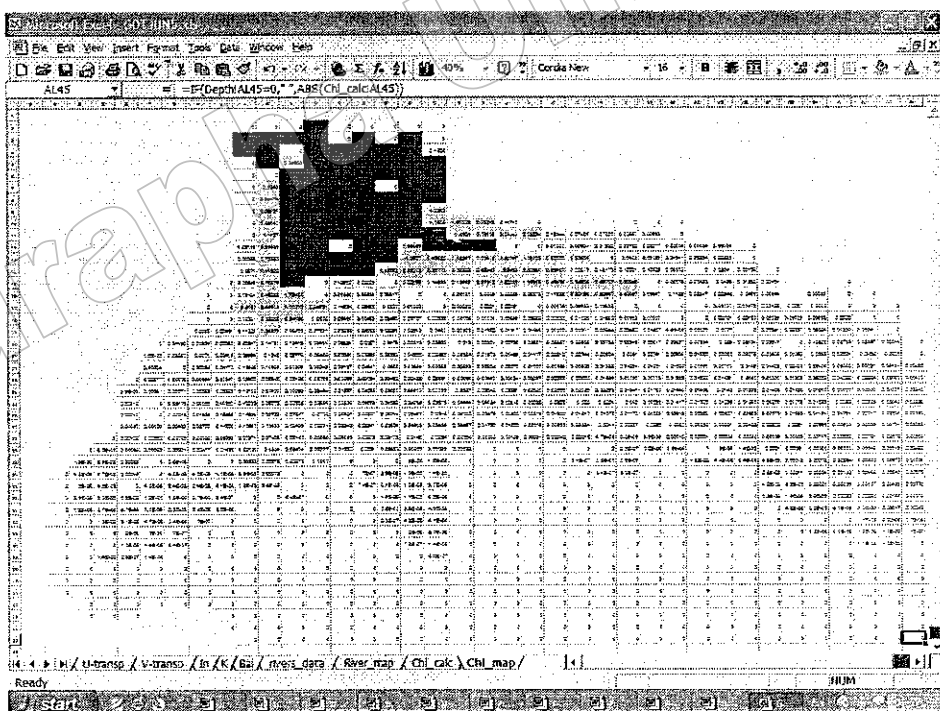
ภาพภาคผนวก ข-3 แผนงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนมีนาคม



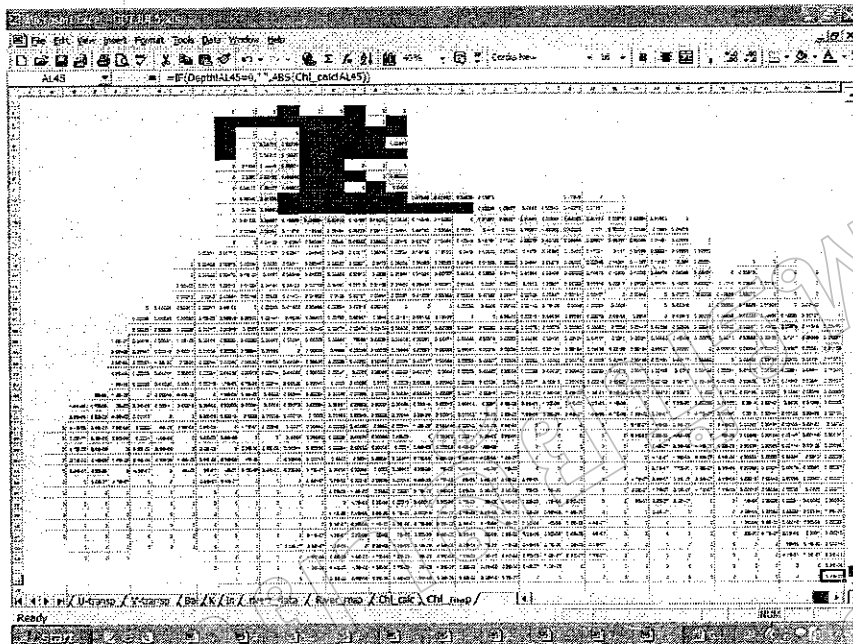
ภาพภาคผนวก ข-4 แผนงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนเมษายน



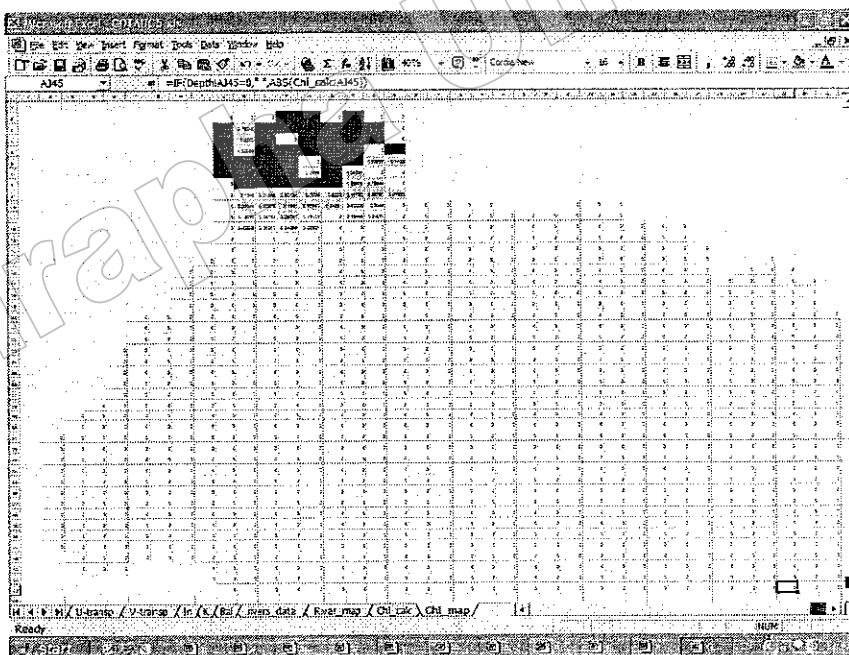
ภาพภาคผนวก จ-5 แผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนพฤษภาคม



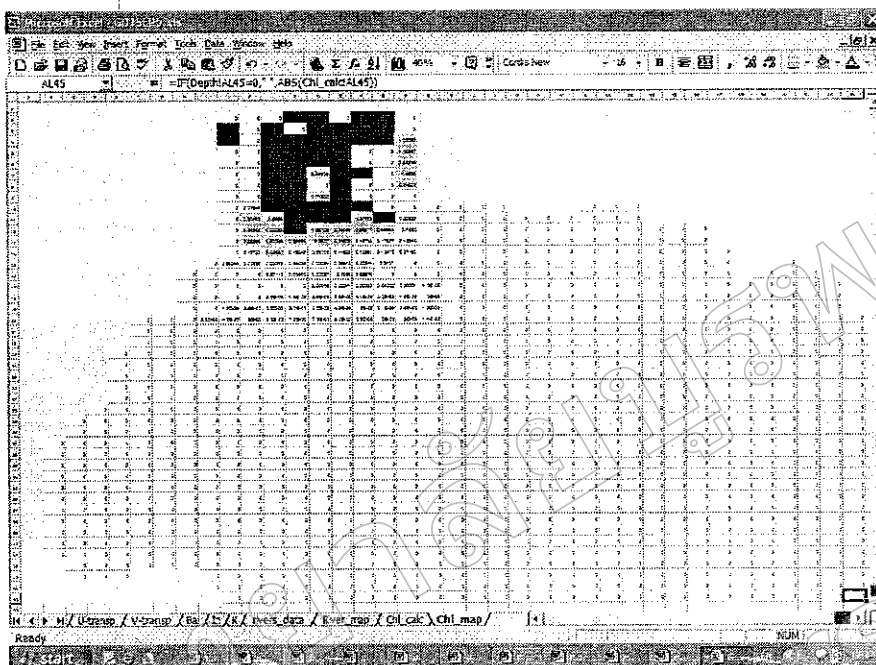
ภาพภาคผนวก จ-6 แผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนมิถุนายน



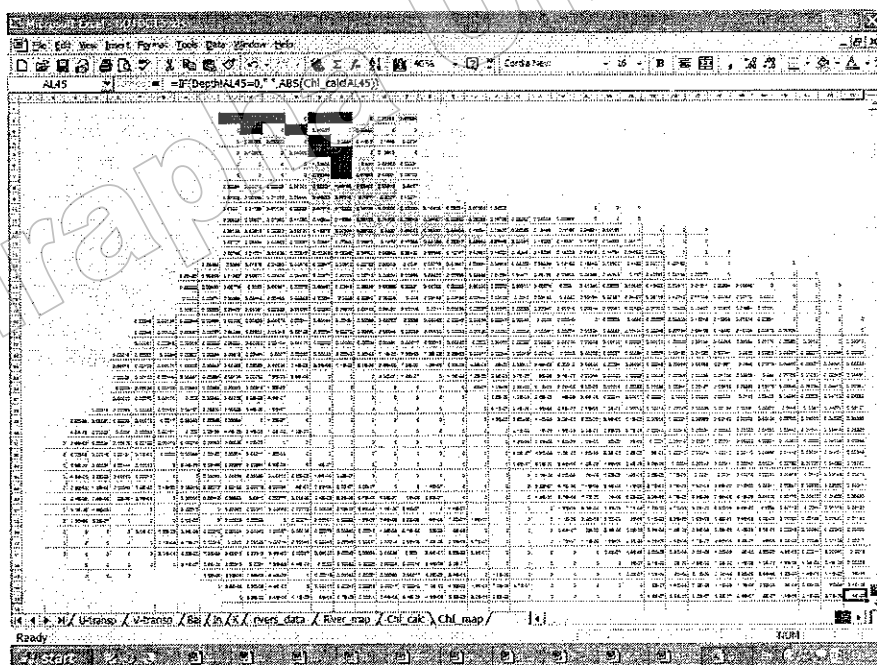
ภาพภาคผนวก จ-7 แผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนกรกฎาคม



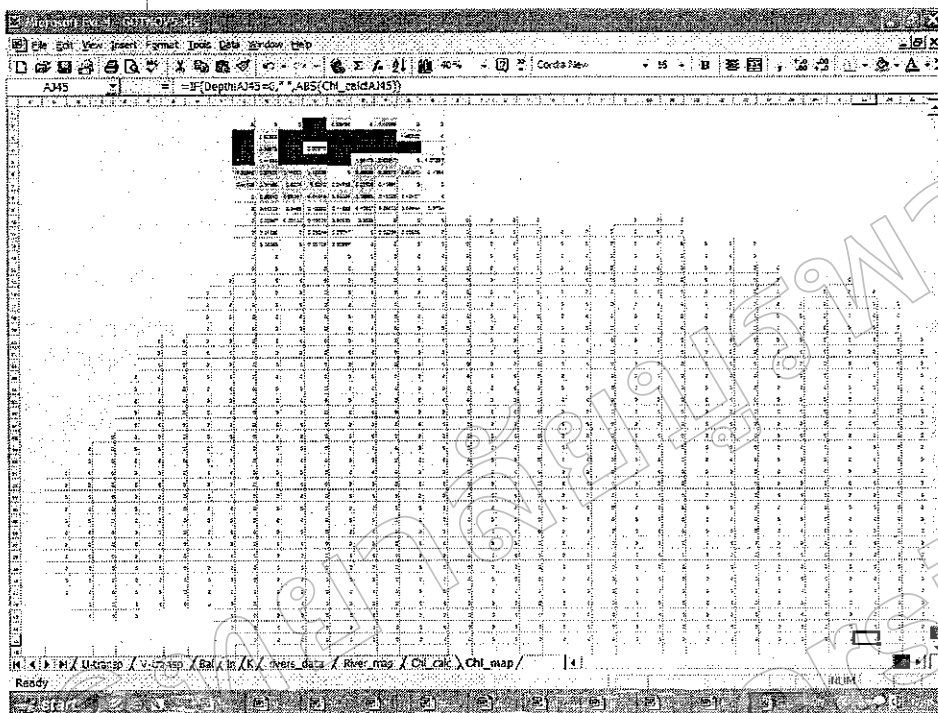
ภาพภาคผนวก จ-8 แผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนสิงหาคม



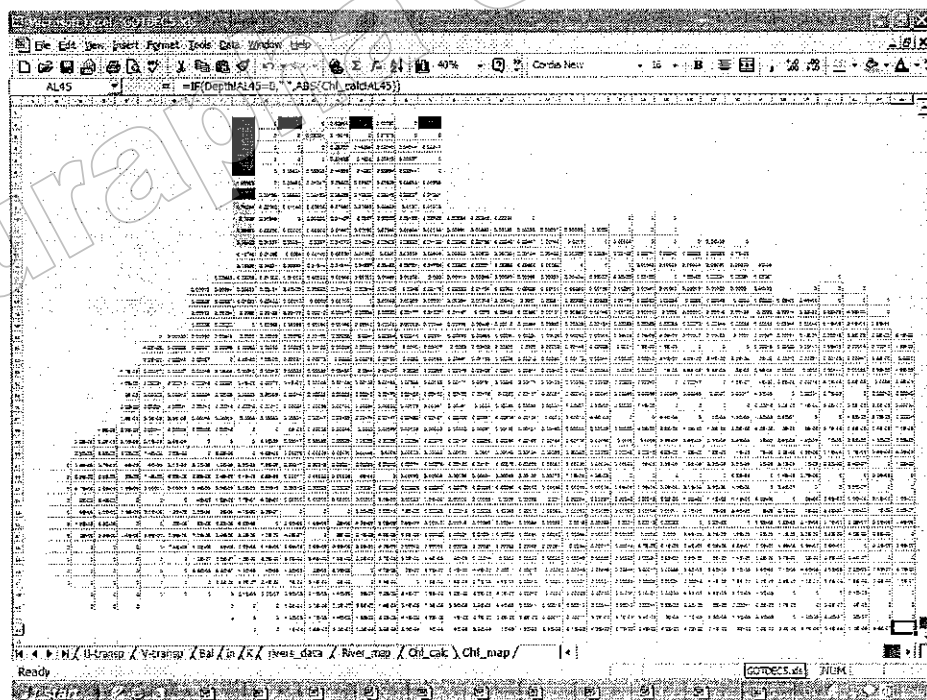
ภาพภาคผนวก จ-9 แผนงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนกันยายน



ภาพภาคผนวก จ-10 แผนงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนตุลาคม



ภาพภาคผนวก จ-11 แผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนพฤศจิกายน



ภาพภาคผนวก จ-12 แผ่นงาน Chl_map แสดงภาพหลังจากการประมวลผล เดือนธันวาคม

ภาคผนวก จ

ข้อมูลจากดาวเทียม AQUA MODIS

แสดงค่าละติจูด ลองจิจูด และ ค่าความเข้มข้นของคลอโรฟิลล์

เดือนมกราคม ถึง เดือนธันวาคม พ.ศ. 2547 Resolutions 9 km

เดือนกุมภาพันธ์ และเดือนกันยายน พ.ศ. 2547 Resolutions 4 km

หมายเหตุ: ด้วยข้อจำกัดรูปแบบรายงาน

รายละเอียดที่แสดงไว้จึง

ไม่ชัดเจนนักหากต้องการ

รายละเอียดเพิ่มเติมติดต่อ

ได้ที่ผู้วิจัย

ข้อมูลดาวเทียม AQUA MODIS แสดงค่าละติจูด, ลองจิจูดและ ค่าความเข้มข้น

คลอโรฟิลล์ (Mg/m^3) Resolutions 9 km

ตารางภาคผนวก ฉ-1 ข้อมูลละติจูด, ลองจิจูดและ ค่าความเข้มข้นของคลอโรฟิลล์ มกราคม 2547

13.960	99.540	66.834	13.800	99.540	66.834	13.640	99.700	66.834	13.480	99.780	66.834	13.320	99.860	66.834	13.160	99.940	66.834
13.960	99.620	66.834	13.800	99.620	66.834	13.640	99.780	66.834	13.480	99.860	66.834	13.320	99.940	66.834	13.160	100.020	66.834
13.960	99.700	66.834	13.800	99.700	66.834	13.640	99.860	66.834	13.480	99.940	66.834	13.320	100.020	15.668	13.160	100.100	12.303
13.960	99.780	66.834	13.800	99.780	66.834	13.640	99.940	66.834	13.480	100.020	66.834	13.320	100.100	24.547	13.160	100.180	5.370
13.960	99.860	66.834	13.800	99.860	66.834	13.640	100.020	66.834	13.480	100.100	64.565	13.320	100.180	27.227	13.160	100.260	1.778
13.960	99.940	66.834	13.800	99.940	66.834	13.640	100.100	66.834	13.480	100.180	17.378	13.320	100.260	10.351	13.160	100.340	1.445
13.960	100.020	66.834	13.800	100.020	66.834	13.640	100.180	66.834	13.480	100.260	30.200	13.320	100.340	2.884	13.160	100.420	0.989
13.960	100.100	66.834	13.800	100.100	66.834	13.640	100.260	66.834	13.480	100.340	15.136	13.320	100.420	2.344	13.160	100.500	0.776
13.960	100.180	66.834	13.800	100.180	66.834	13.640	100.340	66.834	13.480	100.420	10.351	13.320	100.500	1.718	13.160	100.580	0.750
13.960	100.260	66.834	13.800	100.260	66.834	13.640	100.420	66.834	13.480	100.500	6.607	13.320	100.580	0.989	13.160	100.660	0.610
13.960	100.340	66.834	13.800	100.340	66.834	13.640	100.500	66.834	13.480	100.580	5.188	13.320	100.660	1.023	13.160	100.740	0.724
13.960	100.420	66.834	13.800	100.420	66.834	13.640	100.580	66.834	13.480	100.660	4.519	13.320	100.740	1.259	13.160	100.820	66.834
13.960	100.500	66.834	13.800	100.500	66.834	13.640	100.660	66.834	13.480	100.740	3.673	13.320	100.820	2.188	13.160	100.900	66.834
13.960	100.580	66.834	13.800	100.580	66.834	13.640	100.740	66.834	13.480	100.820	5.188	13.320	100.900	66.834	13.160	100.980	66.834
13.960	100.660	66.834	13.800	100.660	66.834	13.640	100.820	66.834	13.480	100.900	66.834	13.320	100.980	66.834	13.160	101.060	66.834
13.960	100.740	66.834	13.800	100.740	66.834	13.640	100.900	66.834	13.480	100.980	66.834	13.320	101.060	66.834	13.160	101.140	66.834
13.960	100.820	66.834	13.800	100.820	66.834	13.640	100.980	66.834	13.480	101.060	66.834	13.320	101.140	66.834	13.160	101.220	66.834
13.960	100.900	66.834	13.800	100.900	66.834	13.640	101.060	66.834	13.480	101.140	66.834	13.320	101.220	66.834	13.160	101.300	66.834
13.960	100.980	66.834	13.800	100.980	66.834	13.640	101.140	66.834	13.480	101.220	66.834	13.320	101.300	66.834	13.160	101.380	66.834
13.960	101.060	66.834	13.800	101.060	66.834	13.640	101.220	66.834	13.480	101.300	66.834	13.320	101.380	66.834	13.160	101.460	66.834
13.960	101.140	66.834	13.800	101.140	66.834	13.640	101.300	66.834	13.480	101.380	66.834	13.320	101.460	66.834	13.080	99.540	66.834
13.960	101.220	66.834	13.800	101.220	66.834	13.640	101.380	66.834	13.480	101.460	66.834	13.240	99.540	66.834	13.080	99.620	66.834
13.960	101.300	66.834	13.800	101.300	66.834	13.640	101.460	66.834	13.400	99.540	66.834	13.240	99.620	66.834	13.080	99.700	66.834
13.960	101.380	66.834	13.800	101.380	66.834	13.560	99.540	66.834	13.400	99.620	66.834	13.240	99.700	66.834	13.080	99.780	66.834
13.960	101.460	66.834	13.800	101.460	66.834	13.560	99.620	66.834	13.400	99.700	66.834	13.240	99.780	66.834	13.080	99.860	66.834
13.880	99.540	66.834	13.720	99.540	66.834	13.560	99.700	66.834	13.400	99.780	66.834	13.240	99.860	66.834	13.080	99.940	66.834
13.880	99.620	66.834	13.720	99.620	66.834	13.560	99.780	66.834	13.400	99.860	66.834	13.240	99.940	66.834	13.080	100.020	66.834
13.880	99.700	66.834	13.720	99.700	66.834	13.560	99.860	66.834	13.400	99.940	66.834	13.240	100.020	14.125	13.080	100.100	7.852
13.880	99.780	66.834	13.720	99.780	66.834	13.560	99.940	66.834	13.400	100.020	22.131	13.240	100.100	15.668	13.080	100.180	2.884
13.880	99.860	66.834	13.720	99.860	66.834	13.560	100.020	66.834	13.400	100.100	37.154	13.240	100.180	16.788	13.080	100.260	1.549
13.880	99.940	66.834	13.720	99.940	66.834	13.560	100.100	66.834	13.400	100.180	23.714	13.240	100.260	2.884	13.080	100.340	1.303
13.880	100.020	66.834	13.720	100.020	66.834	13.560	100.180	66.834	13.400	100.260	13.183	13.240	100.340	2.113	13.080	100.420	0.776
13.880	100.100	66.834	13.720	100.100	66.834	13.560	100.260	66.834	13.400	100.340	6.839	13.240	100.420	1.175	13.080	100.500	0.676
13.880	100.180	66.834	13.720	100.180	66.834	13.560	100.340	66.834	13.400	100.420	5.188	13.240	100.500	1.023	13.080	100.580	0.653
13.880	100.260	66.834	13.720	100.260	66.834	13.560	100.420	66.834	13.400	100.500	2.884	13.240	100.580	0.804	13.080	100.660	0.610
13.880	100.340	66.834	13.720	100.340	66.834	13.560	100.500	66.834	13.400	100.580	1.905	13.240	100.660	0.631	13.080	100.740	0.631
13.880	100.420	66.834	13.720	100.420	66.834	13.560	100.580	66.834	13.400	100.660	1.549	13.240	100.740	1.175	13.080	100.820	1.549
13.880	100.500	66.834	13.720	100.500	66.834	13.560	100.660	66.834	13.400	100.740	2.113	13.240	100.820	1.778	13.080	100.900	66.834
13.880	100.580	66.834	13.720	100.580	66.834	13.560	100.740	66.834	13.400	100.820	3.548	13.240	100.900	66.834	13.080	100.980	66.834
13.880	100.660	66.834	13.720	100.660	66.834	13.560	100.820	66.834	13.400	100.900	66.834	13.240	100.980	66.834	13.080	101.060	66.834
13.880	100.740	66.834	13.720	100.740	66.834	13.560	100.900	66.834	13.400	100.980	66.834	13.240	101.060	66.834	13.080	101.140	66.834
13.880	100.820	66.834	13.720	100.820	66.834	13.560	100.980	66.834	13.400	101.060	66.834	13.240	101.140	66.834	13.080	101.220	66.834
13.880	100.900	66.834	13.720	100.900	66.834	13.560	101.060	66.834	13.400	101.140	66.834	13.240	101.220	66.834	13.080	101.300	66.834
13.880	100.980	66.834	13.720	100.980	66.834	13.560	101.140	66.834	13.400	101.220	66.834	13.240	101.300	66.834	13.080	101.380	66.834
13.880	101.060	66.834	13.720	101.060	66.834	13.560	101.220	66.834	13.400	101.300	66.834	13.240	101.380	66.834	13.080	101.460	66.834
13.880	101.140	66.834	13.720	101.140	66.834	13.560	101.300	66.834	13.400	101.380	66.834	13.240	101.460	66.834	13.000	99.540	66.834
13.880	101.220	66.834	13.720	101.220	66.834	13.560	101.380	66.834	13.400	101.460	66.834	13.160	99.540	66.834	13.000	99.620	66.834

ตารางภาคผนวก ก-1 (ต่อ)

13.880	101.460	66.834	13.640	99.540	66.834	13.480	99.620	66.834	13.320	99.700	66.834	13.160	99.780	66.834	13.000	99.860	66.834
13.720	101.460	66.834	13.640	99.620	66.834	13.480	99.700	66.834	13.320	99.780	66.834	13.160	99.860	66.834	13.000	99.940	66.834
13.000	100.020	28.184	12.840	100.580	0.676	12.680	101.140	2.188	12.440	99.700	66.834	12.280	100.260	0.550	12.120	100.820	0.513
13.000	100.100	11.885	12.840	100.660	0.653	12.680	101.220	0.891	12.440	99.780	66.834	12.280	100.340	0.513	12.120	100.900	0.495
13.000	100.180	1.778	12.840	100.740	1.135	12.680	101.300	66.834	12.440	99.860	66.834	12.280	100.420	0.513	12.120	100.980	0.479
13.000	100.260	1.349	12.840	100.820	66.834	12.680	101.380	66.834	12.440	99.940	66.834	12.280	100.500	0.495	12.120	101.060	0.589
13.000	100.340	1.023	12.840	100.900	66.834	12.680	101.460	0.955	12.440	100.020	2.344	12.280	100.580	0.462	12.120	101.140	0.479
13.000	100.420	0.750	12.840	100.980	66.834	12.600	99.540	66.834	12.440	100.100	1.496	12.280	100.660	0.479	12.120	101.220	0.417
13.000	100.500	0.610	12.840	101.060	66.834	12.600	99.620	66.834	12.440	100.180	0.891	12.280	100.740	0.531	12.120	101.300	0.376
13.000	100.580	0.653	12.840	101.140	66.834	12.600	99.700	66.834	12.440	100.260	0.653	12.280	100.820	0.462	12.120	101.380	0.257
13.000	100.660	0.631	12.840	101.220	66.834	12.600	99.780	66.834	12.440	100.340	0.569	12.280	100.900	0.513	12.120	101.460	0.266
13.000	100.740	1.096	12.840	101.300	66.834	12.600	99.860	66.834	12.440	100.420	0.569	12.280	100.980	0.513	12.040	99.540	66.834
13.000	100.820	66.834	12.840	101.380	66.834	12.600	99.940	66.834	12.440	100.500	0.513	12.280	101.060	0.479	12.040	99.620	66.834
13.000	100.900	66.834	12.840	101.460	66.834	12.600	100.020	2.512	12.440	100.580	0.589	12.280	101.140	0.550	12.040	99.700	66.834
13.000	100.980	66.834	12.760	99.540	66.834	12.600	100.100	1.660	12.440	100.660	0.513	12.280	101.220	0.513	12.040	99.780	66.834
13.000	101.060	66.834	12.760	99.620	66.834	12.600	100.180	1.175	12.440	100.740	0.495	12.280	101.300	0.462	12.040	99.860	1.718
13.000	101.140	66.834	12.760	99.700	66.834	12.600	100.260	0.891	12.440	100.820	0.479	12.280	101.380	0.417	12.040	99.940	1.303
13.000	101.220	66.834	12.760	99.780	66.834	12.600	100.340	0.676	12.440	100.900	0.462	12.280	101.460	0.363	12.040	100.020	0.510
13.000	101.300	66.834	12.760	99.860	66.834	12.600	100.420	0.676	12.440	100.980	0.479	12.200	99.540	66.834	12.040	100.100	0.495
13.000	101.380	66.834	12.760	99.940	66.834	12.600	100.500	0.631	12.440	101.060	0.462	12.200	99.620	66.834	12.040	100.180	0.513
13.000	101.460	66.834	12.760	100.020	2.512	12.600	100.580	0.569	12.440	101.140	0.479	12.200	99.700	66.834	12.040	100.260	0.531
12.920	99.540	66.834	12.760	100.100	2.692	12.600	100.660	0.550	12.440	101.220	0.531	12.200	99.780	66.834	12.040	100.340	0.403
12.920	99.620	66.834	12.760	100.180	1.496	12.600	100.740	0.610	12.440	101.300	0.513	12.200	99.860	66.834	12.040	100.420	0.403
12.920	99.700	66.834	12.760	100.260	1.096	12.600	100.820	0.724	12.440	101.380	0.513	12.200	99.940	66.834	12.040	100.500	0.462
12.920	99.780	66.834	12.760	100.340	0.804	12.600	100.900	66.834	12.440	101.460	0.417	12.200	100.020	2.042	12.040	100.580	0.531
12.920	99.860	66.834	12.760	100.420	0.631	12.600	100.980	0.724	12.360	99.540	66.834	12.200	100.100	0.891	12.040	100.660	0.403
12.920	99.940	66.834	12.760	100.500	0.610	12.600	101.060	0.550	12.360	99.620	66.834	12.200	100.180	0.531	12.040	100.740	0.447
12.920	100.020	12.735	12.760	100.580	0.589	12.600	101.140	0.550	12.360	99.700	66.834	12.200	100.260	0.589	12.040	100.820	0.513
12.920	100.100	3.428	12.760	100.660	0.610	12.600	101.220	0.569	12.360	99.780	66.834	12.200	100.340	0.479	12.040	100.900	0.531
12.920	100.180	1.496	12.760	100.740	0.724	12.600	101.300	0.631	12.360	99.860	66.834	12.200	100.420	0.432	12.040	100.980	0.531
12.920	100.260	1.259	12.760	100.820	66.834	12.600	101.380	0.653	12.360	99.940	66.834	12.200	100.500	0.479	12.040	101.060	0.589
12.920	100.340	0.989	12.760	100.900	66.834	12.600	101.460	0.750	12.360	100.020	2.265	12.200	100.580	0.479	12.040	101.140	0.513
12.920	100.420	0.724	12.760	100.980	66.834	12.520	99.540	66.834	12.360	100.100	1.216	12.200	100.660	0.447	12.040	101.220	0.285
12.920	100.500	0.631	12.760	101.060	66.834	12.520	99.620	66.834	12.360	100.180	0.700	12.200	100.740	0.432	12.040	101.300	0.339
12.920	100.580	0.589	12.760	101.140	66.834	12.520	99.700	66.834	12.360	100.260	0.589	12.200	100.820	0.417	12.040	101.380	0.240
12.920	100.660	0.610	12.760	101.220	66.834	12.520	99.780	66.834	12.360	100.340	0.550	12.200	100.900	0.513	12.040	101.460	0.232
12.920	100.740	1.259	12.760	101.300	66.834	12.520	99.860	66.834	12.360	100.420	0.513	12.200	100.980	0.495	12.840	100.180	1.396
12.920	100.820	66.834	12.760	101.380	66.834	12.520	99.940	66.834	12.360	100.500	0.531	12.200	101.060	0.479	12.840	100.260	1.216
12.920	100.900	66.834	12.760	101.460	66.834	12.520	100.020	2.600	12.360	100.580	0.531	12.200	101.140	0.550	12.840	100.340	0.861
12.920	100.980	66.834	12.680	99.540	66.834	12.520	100.100	1.445	12.360	100.660	0.531	12.200	101.220	0.462	12.840	100.420	0.700
12.920	101.060	66.834	12.680	99.620	66.834	12.520	100.180	0.989	12.360	100.740	0.569	12.200	101.300	0.389	12.840	100.500	0.653
12.920	101.140	66.834	12.680	99.700	66.834	12.520	100.260	0.724	12.360	100.820	0.495	12.200	101.380	0.363	12.680	100.740	0.750
12.920	101.220	66.834	12.680	99.780	66.834	12.520	100.340	0.610	12.360	100.900	0.479	12.200	101.460	0.295	12.680	100.820	0.750
12.920	101.300	66.834	12.680	99.860	66.834	12.520	100.420	0.610	12.360	100.980	0.513	12.120	99.540	66.834	12.680	100.900	66.834
12.920	101.380	66.834	12.680	99.940	66.834	12.520	100.500	0.610	12.360	101.060	0.531	12.120	99.620	66.834	12.680	100.980	1.905
12.920	101.460	66.834	12.680	100.020	2.113	12.520	100.580	0.589	12.360	101.140	0.531	12.120	99.700	66.834	12.680	101.060	0.750
12.840	99.540	66.834	12.680	100.100	1.841	12.520	100.660	0.495	12.360	101.220	0.569	12.120	99.780	66.834	12.520	101.300	0.550
12.840	99.620	66.834	12.680	100.180	1.445	12.520	100.740	0.513	12.360	101.300	0.531	12.120	99.860	66.834	12.520	101.380	0.550
12.840	99.700	66.834	12.680	100.260	1.023	12.520	100.820	0.531	12.360	101.380	0.462	12.120	99.940	2.113	12.520	101.460	0.550
12.840	99.780	66.834	12.680	100.340	0.750	12.520	100.900	0.631	12.360	101.460	0.389	12.120	100.020	1.259	12.440	99.540	66.834
12.840	99.860	66.834	12.680	100.420	0.653	12.520	100.980	0.589	12.360	99.540	66.834	12.120	100.100	0.589	12.440	99.620	66.834
12.840	99.940	66.834	12.680	100.500	0.676	12.520	101.060	0.513	12.280	99.620	66.834	12.120	100.180	0.479			

ตารางภาคผนวก ก-2 ข้อมูลสถิติจุด, ลองจิจูดและ ค่าความเข้มข้นของคลอโรฟิลล์ กุมภาพันธุ์ 2547

13.960	99.540	66.834	13.800	99.940	66.834	13.640	100.340	66.834	13.480	100.740	16.218	13.320	101.140	66.834	13.080	99.540	66.834
13.960	99.620	66.834	13.800	100.020	66.834	13.640	100.420	66.834	13.480	100.820	66.834	13.320	101.220	66.834	13.080	99.620	66.834
13.960	99.700	66.834	13.800	100.100	66.834	13.640	100.500	66.834	13.480	100.900	66.834	13.320	101.300	66.834	13.080	99.700	66.834
13.960	99.780	66.834	13.800	100.180	66.834	13.640	100.580	66.834	13.480	100.980	66.834	13.320	101.380	66.834	13.080	99.780	66.834
13.960	99.860	66.834	13.800	100.260	66.834	13.640	100.660	66.834	13.480	101.060	66.834	13.320	101.460	66.834	13.080	99.860	66.834
13.960	99.940	66.834	13.800	100.340	66.834	13.640	100.740	66.834	13.480	101.140	66.834	13.240	99.540	66.834	13.080	99.940	66.834
13.960	100.020	66.834	13.800	100.420	66.834	13.640	100.820	66.834	13.480	101.220	66.834	13.240	99.620	66.834	13.080	100.020	66.834
13.960	100.100	66.834	13.800	100.500	66.834	13.640	100.900	66.834	13.480	101.300	66.834	13.240	99.700	66.834	13.080	100.100	2.985
13.960	100.180	66.834	13.800	100.580	66.834	13.640	100.980	66.834	13.480	101.380	66.834	13.240	99.780	66.834	13.080	100.180	1.660
13.960	100.260	66.834	13.800	100.660	66.834	13.640	101.060	66.834	13.480	101.460	66.834	13.240	99.860	66.834	13.080	100.260	1.216
13.960	100.340	66.834	13.800	100.740	66.834	13.640	101.140	66.834	13.400	99.540	66.834	13.240	99.940	66.834	13.080	100.340	1.096
13.960	100.420	66.834	13.800	100.820	66.834	13.640	101.220	66.834	13.400	99.620	66.834	13.240	100.020	3.311	13.080	100.420	1.135
13.960	100.500	66.834	13.800	100.900	66.834	13.640	101.300	66.834	13.400	99.700	66.834	13.240	100.100	4.217	13.080	100.500	1.216
13.960	100.580	66.834	13.800	100.980	66.834	13.640	101.380	66.834	13.400	99.780	66.834	13.240	100.180	4.365	13.080	100.580	1.096
13.960	100.660	66.834	13.800	101.060	66.834	13.640	101.460	66.834	13.400	99.860	66.834	13.240	100.260	3.673	13.080	100.660	1.841
13.960	100.740	66.834	13.800	101.140	66.834	13.560	99.540	66.834	13.400	99.940	66.834	13.240	100.340	2.512	13.080	100.740	4.217
13.960	100.820	66.834	13.800	101.220	66.834	13.560	99.620	66.834	13.400	100.020	4.365	13.240	100.420	3.199	13.080	100.820	5.957
13.960	100.900	66.834	13.800	101.300	66.834	13.560	99.700	66.834	13.400	100.100	4.842	13.240	100.500	4.074	13.080	100.900	66.834
13.960	100.980	66.834	13.800	101.380	66.834	13.560	99.780	66.834	13.400	100.180	6.839	13.240	100.580	10.715	13.080	100.980	66.834
13.960	101.060	66.834	13.800	101.460	66.834	13.560	99.860	66.834	13.400	100.260	11.885	13.240	100.660	6.839	13.080	101.060	66.834
13.960	101.140	66.834	13.720	99.540	66.834	13.560	99.940	66.834	13.400	100.340	15.668	13.240	100.740	17.989	13.080	101.140	66.834
13.960	101.220	66.834	13.720	99.620	66.834	13.560	100.020	66.834	13.400	100.420	25.410	13.240	100.820	16.788	13.080	101.220	66.834
13.960	101.300	66.834	13.720	99.700	66.834	13.560	100.100	66.834	13.400	100.500	64.565	13.240	100.900	66.834	13.080	101.300	66.834
13.960	101.380	66.834	13.720	99.780	66.834	13.560	100.180	66.834	13.400	100.580	56.234	13.240	100.980	66.834	13.080	101.380	66.834
13.960	101.460	66.834	13.720	99.860	66.834	13.560	100.260	66.834	13.400	100.660	47.315	13.240	101.060	66.834	13.080	101.460	66.834
13.880	99.540	66.834	13.720	99.940	66.834	13.560	100.340	66.834	13.400	100.740	30.200	13.240	101.140	66.834	13.000	99.540	66.834
13.880	99.620	66.834	13.720	100.020	66.834	13.560	100.420	66.834	13.400	100.820	30.200	13.240	101.220	66.834	13.000	99.620	66.834
13.880	99.700	66.834	13.720	100.100	66.834	13.560	100.500	66.834	13.400	100.900	66.834	13.240	101.300	66.834	13.000	99.700	66.834
13.880	99.780	66.834	13.720	100.180	66.834	13.560	100.580	66.834	13.400	100.980	66.834	13.240	101.380	66.834	13.000	99.780	66.834
13.880	99.860	66.834	13.720	100.260	66.834	13.560	100.660	66.834	13.400	101.060	66.834	13.240	101.460	66.834	13.000	99.860	66.834
13.880	99.940	66.834	13.720	100.340	66.834	13.560	100.740	66.834	13.400	101.140	66.834	13.160	99.540	66.834	13.000	99.940	66.834
13.880	100.020	66.834	13.720	100.420	66.834	13.560	100.820	66.834	13.400	101.220	66.834	13.160	99.620	66.834	13.000	100.020	2.692
13.880	100.100	66.834	13.720	100.500	66.834	13.560	100.900	66.834	13.400	101.300	66.834	13.160	99.700	66.834	13.000	100.100	2.188
13.880	100.180	66.834	13.720	100.580	66.834	13.560	100.980	66.834	13.400	101.380	66.834	13.160	99.780	66.834	13.000	100.180	1.259
13.880	100.260	66.834	13.720	100.660	66.834	13.560	101.060	66.834	13.400	101.460	66.834	13.160	99.860	66.834	13.000	100.260	0.955
13.880	100.340	66.834	13.720	100.740	66.834	13.560	101.140	66.834	13.320	99.540	66.834	13.160	99.940	66.834	13.000	100.340	0.861
13.880	100.420	66.834	13.720	100.820	66.834	13.560	101.220	66.834	13.320	99.620	66.834	13.160	100.020	66.834	13.000	100.420	0.832
13.880	100.500	66.834	13.720	100.900	66.834	13.560	101.300	66.834	13.320	99.700	66.834	13.160	100.100	2.985	13.000	100.500	0.832
13.880	100.580	66.834	13.720	100.980	66.834	13.560	101.380	66.834	13.320	99.780	66.834	13.160	100.180	3.090	13.000	100.580	1.023
13.880	100.660	66.834	13.720	101.060	66.834	13.560	101.460	66.834	13.320	99.860	66.834	13.160	100.260	2.188	13.000	100.660	2.042
13.880	100.740	66.834	13.720	101.140	66.834	13.480	99.540	66.834	13.320	99.940	66.834	13.160	100.340	1.496	13.000	100.740	3.936
13.880	100.820	66.834	13.720	101.220	66.834	13.480	99.620	66.834	13.320	100.020	4.519	13.160	100.420	1.349	13.000	100.820	66.834
13.880	100.900	66.834	13.720	101.300	66.834	13.480	99.700	66.834	13.320	100.100	5.559	13.160	100.500	1.549	13.000	100.900	66.834
13.880	100.980	66.834	13.720	101.380	66.834	13.480	99.780	66.834	13.320	100.180	4.842	13.160	100.580	1.905	13.000	100.980	66.834
13.880	101.060	66.834	13.720	101.460	66.834	13.480	99.860	66.834	13.320	100.260	11.092	13.160	100.660	5.559	13.000	101.060	66.834
13.880	101.140	66.834	13.640	99.540	66.834	13.480	99.940	66.834	13.320	100.340	17.378	13.160	100.740	14.622	13.000	101.140	66.834
13.880	101.220	66.834	13.640	99.620	66.834	13.480	100.020	66.834	13.320	100.420	26.303	13.160	100.820	66.834	13.000	101.220	66.834
13.880	101.300	66.834	13.640	99.700	66.834	13.480	100.100	4.217	13.320	100.500	32.359	13.160	100.900	66.834	13.000	101.300	66.834
13.880	101.380	66.834	13.640	99.780	66.834	13.480	100.180	5.012	13.320	100.580	31.261	13.160	100.980	66.834	13.000	101.380	66.834
13.880	101.460	66.834	13.640	99.860	66.834	13.480	100.260	7.079	13.320	100.660	16.218	13.160	101.060	66.834	13.000	101.460	66.834
13.800	99.540	66.834	13.640	99.940	66.834	13.480	100.340	10.351	13.320	100.740	30.200	13.160	101.140	66.834	12.920	99.540	66.834
13.800	99.620	66.834	13.640	100.020	66.834	13.480	100.420	20.654	13.320	100.820	38.459	13.160	101.220	66.834	12.920	99.620	66.834

ตารางภาคผนวก ก-2 (ต่อ)

13.800	99.700	66.834	13.640	100.100	66.834	13.480	100.500	37.154	13.320	100.900	66.834	13.160	101.300	66.834	12.920	99.700	66.834
13.800	99.780	66.834	13.640	100.180	66.834	13.480	100.580	41.210	13.320	100.980	66.834	13.160	101.380	66.834	12.920	99.780	66.834
13.800	99.860	66.834	13.640	100.260	66.834	13.480	100.660	41.210	13.320	101.060	66.834	13.160	101.460	66.834	12.920	99.860	66.834
12.920	99.940	66.834	12.760	100.500	0.569	12.600	101.060	0.589	12.360	99.620	66.834	12.200	100.180	0.676	12.040	100.740	0.376
12.920	100.020	2.692	12.760	100.580	0.550	12.600	101.140	0.550	12.360	99.700	66.834	12.200	100.260	0.700	12.040	100.820	0.513
12.920	100.100	1.778	12.760	100.660	0.550	12.600	101.220	0.610	12.360	99.780	66.834	12.200	100.340	0.631	12.040	100.900	0.432
12.920	100.180	0.955	12.760	100.740	66.834	12.600	101.300	0.750	12.360	99.860	66.834	12.200	100.420	0.610	12.040	100.980	0.589
12.920	100.260	0.861	12.760	100.820	66.834	12.600	101.380	0.776	12.360	99.940	66.834	12.200	100.500	0.550	12.040	101.060	0.495
12.920	100.340	0.700	12.760	100.900	66.834	12.600	101.460	0.861	12.360	100.020	2.512	12.200	100.580	0.462	12.040	101.140	0.295
12.920	100.420	0.750	12.760	100.980	66.834	12.520	99.540	66.834	12.360	100.100	1.059	12.200	100.660	0.389	12.040	101.220	0.248
12.920	100.500	0.700	12.760	101.060	66.834	12.520	99.620	66.834	12.360	100.180	0.750	12.200	100.740	0.462	12.040	101.300	0.216
12.920	100.580	0.776	12.760	101.140	66.834	12.520	99.700	66.834	12.360	100.260	0.724	12.200	100.820	0.531	12.040	101.380	0.209
12.920	100.660	1.303	12.760	101.220	66.834	12.520	99.780	66.834	12.360	100.340	0.631	12.200	100.900	0.495	12.040	101.460	0.224
12.920	100.740	1.841	12.760	101.300	66.834	12.520	99.860	66.834	12.360	100.420	0.531	12.200	100.980	0.351	12.760	99.700	66.834
12.920	100.820	66.834	12.760	101.380	66.834	12.520	99.940	66.834	12.360	100.500	0.531	12.200	101.060	0.462	12.760	99.780	66.834
12.920	100.900	66.834	12.760	101.460	66.834	12.520	100.020	2.985	12.360	100.580	0.531	12.200	101.140	0.495	12.760	99.860	66.834
12.920	100.980	66.834	12.680	99.540	66.834	12.520	100.100	1.175	12.360	100.660	0.531	12.200	101.220	0.363	12.760	99.940	2.884
12.920	101.060	66.834	12.680	99.620	66.834	12.520	100.180	0.750	12.360	100.740	0.462	12.200	101.300	0.327	12.760	100.020	2.512
12.920	101.140	66.834	12.680	99.700	66.834	12.520	100.260	0.676	12.360	100.820	0.447	12.200	101.380	0.351	12.760	100.100	1.496
12.920	101.220	66.834	12.680	99.780	66.834	12.520	100.340	0.610	12.360	100.900	0.462	12.200	101.460	0.305	12.760	100.180	0.955
12.920	101.300	66.834	12.680	99.860	66.834	12.520	100.420	0.569	12.360	100.980	0.432	12.120	99.540	66.834	12.760	100.260	0.804
12.920	101.380	66.834	12.680	99.940	66.834	12.520	100.500	0.551	12.360	101.060	0.447	12.120	99.620	66.834	12.760	100.340	0.724
12.920	101.460	66.834	12.680	100.020	2.265	12.520	100.580	0.569	12.360	101.140	0.479	12.120	99.700	66.834	12.760	100.420	0.700
12.840	99.540	66.834	12.680	100.100	1.445	12.520	100.660	0.531	12.360	101.220	0.495	12.120	99.780	66.834	12.600	100.260	0.724
12.840	99.620	66.834	12.680	100.180	0.891	12.520	100.740	0.479	12.360	101.300	0.389	12.120	99.860	66.834	12.600	100.340	0.700
12.840	99.700	66.834	12.680	100.260	0.776	12.520	100.820	0.403	12.360	101.380	0.495	12.120	99.940	3.936	12.600	100.420	0.589
12.840	99.780	66.834	12.680	100.340	0.750	12.520	100.900	0.513	12.360	101.460	0.257	12.120	100.020	1.096	12.600	100.500	0.569
12.840	99.860	66.834	12.680	100.420	0.700	12.520	100.980	0.550	12.280	99.540	66.834	12.120	100.100	0.776	12.600	100.580	0.569
12.840	99.940	66.834	12.680	100.500	0.589	12.520	101.060	0.479	12.280	99.620	66.834	12.120	100.180	0.724	12.600	100.660	0.479
12.840	100.020	2.692	12.680	100.580	0.569	12.520	101.140	0.447	12.280	99.700	66.834	12.120	100.260	0.653	12.600	100.740	0.495
12.840	100.100	1.445	12.680	100.660	0.495	12.520	101.220	0.479	12.280	99.780	66.834	12.120	100.340	0.531	12.600	100.820	0.750
12.840	100.180	0.989	12.680	100.740	0.589	12.520	101.300	0.531	12.280	99.860	66.834	12.120	100.420	0.495	12.600	100.900	66.834
12.840	100.260	0.776	12.680	100.820	0.861	12.520	101.380	0.589	12.280	99.940	66.834	12.120	100.500	0.363	12.600	100.980	0.724
12.840	100.340	0.724	12.680	100.900	66.834	12.520	101.460	0.513	12.280	100.020	3.311	12.120	100.580	0.327	12.600	100.260	0.724
12.840	100.420	0.724	12.680	100.980	1.175	12.440	99.540	66.834	12.280	100.100	1.059	12.120	100.660	0.339	12.600	100.340	0.700
12.840	100.500	0.589	12.680	101.060	0.724	12.440	99.620	66.834	12.280	100.180	0.776	12.120	100.740	0.376	12.600	100.420	0.589
12.840	100.580	0.589	12.680	101.140	0.832	12.440	99.700	66.834	12.280	100.260	0.724	12.120	100.820	0.432	12.600	100.500	0.569
12.840	100.660	0.861	12.680	101.220	0.861	12.440	99.780	66.834	12.280	100.340	0.676	12.120	100.900	0.462	12.600	100.580	0.569
12.840	100.740	1.135	12.680	101.300	66.834	12.440	99.860	66.834	12.280	100.420	0.653	12.120	100.980	0.531	12.600	100.660	0.479
12.840	100.820	66.834	12.680	101.380	66.834	12.440	99.940	66.834	12.280	100.500	0.550	12.120	101.060	0.447	12.600	100.740	0.495
12.840	100.900	66.834	12.680	101.460	1.216	12.440	100.020	2.692	12.280	100.580	0.479	12.120	101.140	0.305	12.600	100.820	0.750
12.840	100.980	66.834	12.600	99.540	66.834	12.440	100.100	1.349	12.280	100.660	0.513	12.120	101.220	0.248	12.600	100.900	66.834
12.840	101.060	66.834	12.600	99.620	66.834	12.440	100.180	0.750	12.280	100.740	0.513	12.120	101.300	0.275	12.600	100.980	0.724
12.840	101.140	66.834	12.600	99.700	66.834	12.440	100.260	0.589	12.280	100.820	0.531	12.120	101.380	0.327	12.280	101.380	0.351
12.840	101.220	66.834	12.600	99.780	66.834	12.440	100.340	0.589	12.280	100.900	0.495	12.120	101.460	0.316	12.280	101.460	0.275
12.840	101.300	66.834	12.600	99.860	66.834	12.440	100.420	0.531	12.280	100.980	0.479	12.040	99.540	66.834	12.200	99.540	66.834
12.840	101.380	66.834	12.600	99.940	66.834	12.440	100.500	0.550	12.280	101.060	0.495	12.040	99.620	66.834	12.280	101.380	0.351
12.840	101.460	66.834	12.600	100.020	2.344	12.440	100.580	0.569	12.280	101.140	0.479	12.040	99.700	66.834			
12.760	99.540	66.834	12.600	100.100	1.259	12.440	100.660	0.513	12.280	101.220	0.447	12.040	99.780	66.834			
12.760	99.620	66.834	12.600	100.180	0.861	12.440	100.740	0.495	12.280	101.300	0.462	12.040	99.860	4.217			

ตารางภาคผนวก ก-3 ข้อมูลสถิติ, ทองจืดและ ค่าความเข้มข้นของคลอโรฟิลล์ มีนาคม 2547

13.960	99.540	66.834	13.800	99.940	66.834	13.640	100.340	66.834	13.480	100.740	66.834	13.320	101.140	66.834	13.080	99.540	66.834
13.960	99.620	66.834	13.800	100.020	66.834	13.640	100.420	66.834	13.480	100.820	66.834	13.320	101.220	66.834	13.080	99.620	66.834
13.960	99.700	66.834	13.800	100.100	66.834	13.640	100.500	66.834	13.480	100.900	66.834	13.320	101.300	66.834	13.080	99.700	66.834
13.960	99.780	66.834	13.800	100.180	66.834	13.640	100.580	66.834	13.480	100.980	66.834	13.320	101.380	66.834	13.080	99.780	66.834
13.960	99.860	66.834	13.800	100.260	66.834	13.640	100.660	66.834	13.480	101.060	66.834	13.320	101.460	66.834	13.080	99.860	66.834
13.960	99.940	66.834	13.800	100.340	66.834	13.640	100.740	66.834	13.480	101.140	66.834	13.240	99.540	66.834	13.080	99.940	66.834
13.960	100.020	66.834	13.800	100.420	66.834	13.640	100.820	66.834	13.480	101.220	66.834	13.240	99.620	66.834	13.080	100.020	66.834
13.960	100.100	66.834	13.800	100.500	66.834	13.640	100.900	66.834	13.480	101.300	66.834	13.240	99.700	66.834	13.080	100.100	66.834
13.960	100.180	66.834	13.800	100.580	66.834	13.640	100.980	66.834	13.480	101.380	66.834	13.240	99.780	66.834	13.080	100.180	1.549
13.960	100.260	66.834	13.800	100.660	66.834	13.640	101.060	66.834	13.480	101.460	66.834	13.240	99.860	66.834	13.080	100.260	1.549
13.960	100.340	66.834	13.800	100.740	66.834	13.640	101.140	66.834	13.400	99.540	66.834	13.240	99.940	66.834	13.080	100.340	1.660
13.960	100.420	66.834	13.800	100.820	66.834	13.640	101.220	66.834	13.400	99.620	66.834	13.240	100.020	3.548	13.080	100.420	1.549
13.960	100.500	66.834	13.800	100.900	66.834	13.640	101.300	66.834	13.400	99.700	66.834	13.240	100.100	3.673	13.080	100.500	1.445
13.960	100.580	66.834	13.800	100.980	66.834	13.640	101.380	66.834	13.400	99.780	66.834	13.240	100.180	2.427	13.080	100.580	1.445
13.960	100.660	66.834	13.800	101.060	66.834	13.640	101.460	66.834	13.400	99.860	66.834	13.240	100.260	2.692	13.080	100.660	1.135
13.960	100.740	66.834	13.800	101.140	66.834	13.560	99.540	66.834	13.400	99.940	66.834	13.240	100.340	1.660	13.080	100.740	1.023
13.960	100.820	66.834	13.800	101.220	66.834	13.560	99.620	66.834	13.400	100.020	66.834	13.240	100.420	2.113	13.080	100.820	66.834
13.960	100.900	66.834	13.800	101.300	66.834	13.560	99.700	66.834	13.400	100.100	3.311	13.240	100.500	2.265	13.080	100.900	66.834
13.960	100.980	66.834	13.800	101.380	66.834	13.560	99.780	66.834	13.400	100.180	3.802	13.240	100.580	1.841	13.080	100.980	66.834
13.960	101.060	66.834	13.800	101.460	66.834	13.560	99.860	66.834	13.400	100.260	5.188	13.240	100.660	1.660	13.080	101.060	66.834
13.960	101.140	66.834	13.720	99.540	66.834	13.560	99.940	66.834	13.400	100.340	4.519	13.240	100.740	66.834	13.080	101.140	66.834
13.960	101.220	66.834	13.720	99.620	66.834	13.560	100.020	66.834	13.400	100.420	3.936	13.240	100.820	66.834	13.080	101.220	66.834
13.960	101.300	66.834	13.720	99.700	66.834	13.560	100.100	66.834	13.400	100.500	4.074	13.240	100.900	66.834	13.080	101.300	66.834
13.960	101.380	66.834	13.720	99.780	66.834	13.560	100.180	66.834	13.400	100.580	3.311	13.240	100.980	66.834	13.080	101.380	66.834
13.960	101.460	66.834	13.720	99.860	66.834	13.560	100.260	66.834	13.400	100.660	2.265	13.240	101.060	66.834	13.080	101.460	66.834
13.880	99.540	66.834	13.720	99.940	66.834	13.560	100.340	66.834	13.400	100.740	66.834	13.240	101.140	66.834	13.000	99.540	66.834
13.880	99.620	66.834	13.720	100.020	66.834	13.560	100.420	66.834	13.400	100.820	66.834	13.240	101.220	66.834	13.000	99.620	66.834
13.880	99.700	66.834	13.720	100.100	66.834	13.560	100.500	66.834	13.400	100.900	66.834	13.240	101.300	66.834	13.000	99.700	66.834
13.880	99.780	66.834	13.720	100.180	66.834	13.560	100.580	66.834	13.400	100.980	66.834	13.240	101.380	66.834	13.000	99.780	66.834
13.880	99.860	66.834	13.720	100.260	66.834	13.560	100.660	66.834	13.400	101.060	66.834	13.240	101.460	66.834	13.000	99.860	66.834
13.880	99.940	66.834	13.720	100.340	66.834	13.560	100.740	66.834	13.400	101.140	66.834	13.160	99.540	66.834	13.000	99.940	66.834
13.880	100.020	66.834	13.720	100.420	66.834	13.560	100.820	66.834	13.400	101.220	66.834	13.160	99.620	66.834	13.000	100.020	66.834
13.880	100.100	66.834	13.720	100.500	66.834	13.560	100.900	66.834	13.400	101.300	66.834	13.160	99.700	66.834	13.000	100.100	66.834
13.880	100.180	66.834	13.720	100.580	66.834	13.560	100.980	66.834	13.400	101.380	66.834	13.160	99.780	66.834	13.000	100.180	1.349
13.880	100.260	66.834	13.720	100.660	66.834	13.560	101.060	66.834	13.400	101.460	66.834	13.160	99.860	66.834	13.000	100.260	1.259
13.880	100.340	66.834	13.720	100.740	66.834	13.560	101.140	66.834	13.320	99.540	66.834	13.160	99.940	66.834	13.000	100.340	1.216
13.880	100.420	66.834	13.720	100.820	66.834	13.560	101.220	66.834	13.320	99.620	66.834	13.160	100.020	66.834	13.000	100.420	1.059
13.880	100.500	66.834	13.720	100.900	66.834	13.560	101.300	66.834	13.320	99.700	66.834	13.160	100.100	2.786	13.000	100.500	1.135
13.880	100.580	66.834	13.720	100.980	66.834	13.560	101.380	66.834	13.320	99.780	66.834	13.160	100.180	1.905	13.000	100.580	1.445
13.880	100.660	66.834	13.720	101.060	66.834	13.560	101.460	66.834	13.320	99.860	66.834	13.160	100.260	1.841	13.000	100.660	0.955
13.880	100.740	66.834	13.720	101.140	66.834	13.480	99.540	66.834	13.320	99.940	66.834	13.160	100.340	1.718	13.000	100.740	66.834
13.880	100.820	66.834	13.720	101.220	66.834	13.480	99.620	66.834	13.320	100.020	3.311	13.160	100.420	2.265	13.000	100.820	66.834
13.880	100.900	66.834	13.720	101.300	66.834	13.480	99.700	66.834	13.320	100.100	3.311	13.160	100.500	2.042	13.000	100.900	66.834
13.880	100.980	66.834	13.720	101.380	66.834	13.480	99.780	66.834	13.320	100.180	3.199	13.160	100.580	1.603	13.000	100.980	66.834
13.880	101.060	66.834	13.720	101.460	66.834	13.480	99.860	66.834	13.320	100.260	3.936	13.160	100.660	1.096	13.000	101.060	66.834
13.880	101.140	66.834	13.640	99.540	66.834	13.480	99.940	66.834	13.320	100.340	2.427	13.160	100.740	66.834	13.000	101.140	66.834
13.880	101.220	66.834	13.640	99.620	66.834	13.480	100.020	66.834	13.320	100.420	2.786	13.160	100.820	66.834	13.000	101.220	66.834
13.880	101.300	66.834	13.640	99.700	66.834	13.480	100.100	66.834	13.320	100.500	2.344	13.160	100.900	66.834	13.000	101.300	66.834
13.880	101.380	66.834	13.640	99.780	66.834	13.480	100.180	66.834	13.320	100.580	1.905	13.160	100.980	66.834	13.000	101.380	66.834
13.880	101.460	66.834	13.640	99.860	66.834	13.480	100.260	66.834	13.320	100.660	1.718	13.160	101.060	66.834	13.000	101.460	66.834
13.800	99.540	66.834	13.640	99.940	66.834	13.480	100.340	7.586	13.320	100.740	66.834	13.160	101.140	66.834	12.920	99.540	66.834
13.800	99.620	66.834	13.640	100.020	66.834	13.480	100.420	13.646	13.320	100.820	66.834	13.160	101.220	66.834	12.920	99.620	66.834

ตารางภาคผนวก ก-3 (ต่อ)

13.800	99.700	66.834	13.640	100.100	66.834	13.480	100.500	9.016	13.320	100.900	66.834	13.160	101.300	66.834	12.920	99.700	66.834
13.800	99.780	66.834	13.640	100.180	66.834	13.480	100.580	66.834	13.320	100.980	66.834	13.160	101.380	66.834	12.920	99.780	66.834
13.800	99.860	66.834	13.640	100.260	66.834	13.480	100.660	66.834	13.320	101.060	66.834	13.160	101.460	66.834	12.920	99.860	66.834
12.920	99.940	66.834	12.760	100.500	0.700	12.600	101.060	66.834	12.360	99.620	66.834	12.200	100.180	0.531	12.040	100.740	0.266
12.920	100.020	1.972	12.760	100.580	0.700	12.600	101.140	66.834	12.360	99.700	66.834	12.200	100.260	0.569	12.040	100.820	66.834
12.920	100.100	1.396	12.760	100.660	0.676	12.600	101.220	66.834	12.360	99.780	66.834	12.200	100.340	0.631	12.040	100.900	66.834
12.920	100.180	1.259	12.760	100.740	66.834	12.600	101.300	66.834	12.360	99.860	66.834	12.200	100.420	66.834	12.040	100.980	66.834
12.920	100.260	0.923	12.760	100.820	66.834	12.600	101.380	66.834	12.360	99.940	66.834	12.200	100.500	0.305	12.040	101.060	0.266
12.920	100.340	1.096	12.760	100.900	66.834	12.600	101.460	66.834	12.360	100.020	1.303	12.200	100.580	66.834	12.040	101.140	66.834
12.920	100.420	0.955	12.760	100.980	66.834	12.520	99.540	66.834	12.360	100.100	0.653	12.200	100.660	66.834	12.040	101.220	66.834
12.920	100.500	1.059	12.760	101.060	66.834	12.520	99.620	66.834	12.360	100.180	0.479	12.200	100.740	0.327	12.040	101.300	0.339
12.920	100.580	0.955	12.760	101.140	66.834	12.520	99.700	66.834	12.360	100.260	66.834	12.200	100.820	66.834	12.040	101.380	0.389
12.920	100.660	0.891	12.760	101.220	66.834	12.520	99.780	66.834	12.360	100.340	0.531	12.200	100.900	66.834	12.040	101.460	0.389
12.920	100.740	66.834	12.760	101.300	66.834	12.520	99.860	66.834	12.360	100.420	66.834	12.200	100.980	66.834	12.760	99.860	66.834
12.920	100.820	66.834	12.760	101.380	66.834	12.520	99.940	66.834	12.360	100.500	0.479	12.200	101.060	66.834	12.760	99.940	66.834
12.920	100.900	66.834	12.760	101.460	66.834	12.520	100.020	66.834	12.360	100.580	0.479	12.200	101.140	66.834	12.760	100.020	1.660
12.920	100.980	66.834	12.680	99.540	66.834	12.520	100.100	1.603	12.360	100.660	0.495	12.200	101.220	66.834	12.760	100.100	1.396
12.920	101.060	66.834	12.680	99.620	66.834	12.520	100.180	0.923	12.360	100.740	0.447	12.200	101.300	0.610	12.760	100.180	1.259
12.920	101.140	66.834	12.680	99.700	66.834	12.520	100.260	1.023	12.360	100.820	0.479	12.200	101.380	0.495	12.760	100.260	0.989
12.920	101.220	66.834	12.680	99.780	66.834	12.520	100.340	0.653	12.360	100.900	0.479	12.200	101.460	0.531	12.760	100.340	0.750
12.920	101.300	66.834	12.680	99.860	66.834	12.520	100.420	0.589	12.360	100.980	66.834	12.120	99.540	66.834	12.760	100.420	0.653
12.920	101.380	66.834	12.680	99.940	66.834	12.520	100.500	0.531	12.360	101.060	66.834	12.120	99.620	66.834	12.600	100.420	0.550
12.920	101.460	66.834	12.680	100.020	2.512	12.520	100.580	0.531	12.360	101.140	66.834	12.120	99.700	66.834	12.600	100.500	0.550
12.840	99.540	66.834	12.680	100.100	1.660	12.520	100.660	0.550	12.360	101.220	66.834	12.120	99.780	66.834	12.600	100.580	0.610
12.840	99.620	66.834	12.680	100.180	1.175	12.520	100.740	0.550	12.360	101.300	66.834	12.120	99.860	66.834	12.600	100.660	0.531
12.840	99.700	66.834	12.680	100.260	0.955	12.520	100.820	0.479	12.360	101.380	0.316	12.120	99.940	0.724	12.600	100.740	0.550
12.840	99.780	66.834	12.680	100.340	0.724	12.520	100.900	0.513	12.360	101.460	66.834	12.120	100.020	0.653	12.600	100.820	0.569
12.840	99.860	66.834	12.680	100.420	0.589	12.520	100.980	0.550	12.280	99.540	66.834	12.120	100.100	0.569	12.600	100.900	66.834
12.840	99.940	66.834	12.680	100.500	0.610	12.520	101.060	66.834	12.280	99.620	66.834	12.120	100.180	0.610	12.600	100.980	0.750
12.840	100.020	1.778	12.680	100.580	0.653	12.520	101.140	66.834	12.280	99.700	66.834	12.120	100.260	0.589	12.440	100.980	0.417
12.840	100.100	1.396	12.680	100.660	0.462	12.520	101.220	66.834	12.280	99.780	66.834	12.120	100.340	0.550	12.440	101.060	0.495
12.840	100.180	1.135	12.680	100.740	0.462	12.520	101.300	66.834	12.280	99.860	66.834	12.120	100.420	0.531	12.440	101.140	66.834
12.840	100.260	0.891	12.680	100.820	66.834	12.520	101.380	66.834	12.280	99.940	66.834	12.120	100.500	0.513	12.440	101.220	66.834
12.840	100.340	0.923	12.680	100.900	66.834	12.520	101.460	66.834	12.280	100.020	0.861	12.120	100.580	66.834	12.440	101.300	66.834
12.840	100.420	0.832	12.680	100.980	0.989	12.440	99.540	66.834	12.280	100.100	66.834	12.120	100.660	66.834	12.440	101.380	66.834
12.840	100.500	0.861	12.680	101.060	66.834	12.440	99.620	66.834	12.280	100.180	0.550	12.120	100.740	66.834	12.440	101.460	66.834
12.840	100.580	0.891	12.680	101.140	66.834	12.440	99.700	66.834	12.280	100.260	0.550	12.120	100.820	66.834	12.360	99.540	66.834
12.840	100.660	0.804	12.680	101.220	66.834	12.440	99.780	66.834	12.280	100.340	0.589	12.120	100.900	66.834	12.200	99.540	66.834
12.840	100.740	1.259	12.680	101.300	66.834	12.440	99.860	66.834	12.280	100.420	66.834	12.120	100.980	66.834	12.200	99.620	66.834
12.840	100.820	66.834	12.680	101.380	66.834	12.440	99.940	66.834	12.280	100.500	0.479	12.120	101.060	66.834	12.200	99.700	66.834
12.840	100.900	66.834	12.680	101.460	66.834	12.440	100.020	66.834	12.280	100.580	0.479	12.120	101.140	66.834	12.200	99.780	66.834
12.840	100.980	66.834	12.600	99.540	66.834	12.440	100.100	0.861	12.280	100.660	66.834	12.120	101.220	66.834	12.200	99.860	66.834
12.840	101.060	66.834	12.600	99.620	66.834	12.440	100.180	0.676	12.280	100.740	66.834	12.120	101.300	0.403	12.200	99.940	66.834
12.840	101.140	66.834	12.600	99.700	66.834	12.440	100.260	0.513	12.280	100.820	66.834	12.120	101.380	0.376	12.200	100.020	0.804
12.840	101.220	66.834	12.600	99.780	66.834	12.440	100.340	0.631	12.280	100.900	66.834	12.120	101.460	0.389	12.200	100.100	0.700
12.840	101.300	66.834	12.600	99.860	66.834	12.440	100.420	0.531	12.280	100.980	66.834	12.040	99.540	66.834	12.040	100.100	0.631
12.840	101.380	66.834	12.600	99.940	66.834	12.440	100.500	0.479	12.280	101.060	66.834	12.040	99.620	66.834	12.040	100.180	0.631
12.840	101.460	66.834	12.600	100.020	5.188	12.440	100.580	0.513	12.280	101.140	66.834	12.040	99.700	66.834	12.040	100.260	0.550
12.760	99.540	66.834	12.600	100.100	1.660	12.440	100.660	0.495	12.280	101.220	66.834	12.040	99.780	66.834	12.040	100.340	0.447
12.760	99.620	66.834	12.600	100.180	0.891	12.440	100.740	0.479	12.280	101.300	0.589	12.040	99.860	0.700			
12.760	99.700	66.834	12.600	100.260	0.724	12.440	100.820	0.479	12.280	101.380	0.447	12.040	99.940	0.676			
12.760	99.780	66.834	12.600	100.340	66.834	12.440	100.900	66.834	12.280	101.460	0.417	12.040	100.020	0.631			

ตารางภาคผนวก ก-4 ข้อมูลสถิติจุด, ลองจิจูดและ ค่าความเข้มข้นของคลอโรฟิลล์ เมษายน 2547

13.960	99.540	66.834	13.800	99.940	66.834	13.640	100.340	66.834	13.480	100.740	66.834	13.320	101.140	66.834	13.080	99.540	66.834
13.960	99.620	66.834	13.800	100.020	66.834	13.640	100.420	66.834	13.480	100.820	66.834	13.320	101.220	66.834	13.080	99.620	66.834
13.960	99.700	66.834	13.800	100.100	66.834	13.640	100.500	66.834	13.480	100.900	66.834	13.320	101.300	66.834	13.080	99.700	66.834
13.960	99.780	66.834	13.800	100.180	66.834	13.640	100.580	66.834	13.480	100.980	66.834	13.320	101.380	66.834	13.080	99.780	66.834
13.960	99.860	66.834	13.800	100.260	66.834	13.640	100.660	66.834	13.480	101.060	66.834	13.320	101.460	66.834	13.080	99.860	66.834
13.960	99.940	66.834	13.800	100.340	66.834	13.640	100.740	66.834	13.480	101.140	66.834	13.240	99.540	66.834	13.080	99.940	66.834
13.960	100.020	66.834	13.800	100.420	66.834	13.640	100.820	66.834	13.480	101.220	66.834	13.240	99.620	66.834	13.080	100.020	66.834
13.960	100.100	66.834	13.800	100.500	66.834	13.640	100.900	66.834	13.480	101.300	66.834	13.240	99.700	66.834	13.080	100.100	1.778
13.960	100.180	66.834	13.800	100.580	66.834	13.640	100.980	66.834	13.480	101.380	66.834	13.240	99.780	66.834	13.080	100.180	1.445
13.960	100.260	66.834	13.800	100.660	66.834	13.640	101.060	66.834	13.480	101.460	66.834	13.240	99.860	66.834	13.080	100.260	1.303
13.960	100.340	66.834	13.800	100.740	66.834	13.640	101.140	66.834	13.400	99.540	66.834	13.240	99.940	66.834	13.080	100.340	1.175
13.960	100.420	66.834	13.800	100.820	66.834	13.640	101.220	66.834	13.400	99.620	66.834	13.240	100.020	66.834	13.080	100.420	1.718
13.960	100.500	66.834	13.800	100.900	66.834	13.640	101.300	66.834	13.400	99.700	66.834	13.240	100.100	2.042	13.080	100.500	1.496
13.960	100.580	66.834	13.800	100.980	66.834	13.640	101.380	66.834	13.400	99.780	66.834	13.240	100.180	2.344	13.080	100.580	1.059
13.960	100.660	66.834	13.800	101.060	66.834	13.640	101.460	66.834	13.400	99.860	66.834	13.240	100.260	1.972	13.080	100.660	0.989
13.960	100.740	66.834	13.800	101.140	66.834	13.560	99.540	66.834	13.400	99.940	66.834	13.240	100.340	2.265	13.080	100.740	1.175
13.960	100.820	66.834	13.800	101.220	66.834	13.560	99.620	66.834	13.400	100.020	66.834	13.240	100.420	2.113	13.080	100.820	66.834
13.960	100.900	66.834	13.800	101.300	66.834	13.560	99.700	66.834	13.400	100.100	12.303	13.240	100.500	2.113	13.080	100.900	66.834
13.960	100.980	66.834	13.800	101.380	66.834	13.560	99.780	66.834	13.400	100.180	4.074	13.240	100.580	1.496	13.080	100.980	66.834
13.960	101.060	66.834	13.800	101.460	66.834	13.560	99.860	66.834	13.400	100.260	5.559	13.240	100.660	1.216	13.080	101.060	66.834
13.960	101.140	66.834	13.720	99.540	66.834	13.560	99.940	66.834	13.400	100.340	6.607	13.240	100.740	2.692	13.080	101.140	66.834
13.960	101.220	66.834	13.720	99.620	66.834	13.560	100.020	66.834	13.400	100.420	9.661	13.240	100.820	66.834	13.080	101.220	66.834
13.960	101.300	66.834	13.720	99.700	66.834	13.560	100.100	66.834	13.400	100.500	8.414	13.240	100.900	66.834	13.080	101.300	66.834
13.960	101.380	66.834	13.720	99.780	66.834	13.560	100.180	66.834	13.400	100.580	3.548	13.240	100.980	66.834	13.080	101.380	66.834
13.960	101.460	66.834	13.720	99.860	66.834	13.560	100.260	66.834	13.400	100.660	3.936	13.240	101.060	66.834	13.080	101.460	66.834
13.880	99.540	66.834	13.720	99.940	66.834	13.560	100.340	66.834	13.400	100.740	4.677	13.240	101.140	66.834	13.000	99.540	66.834
13.880	99.620	66.834	13.720	100.020	66.834	13.560	100.420	66.834	13.400	100.820	66.834	13.240	101.220	66.834	13.000	99.620	66.834
13.880	99.700	66.834	13.720	100.100	66.834	13.560	100.500	66.834	13.400	100.900	66.834	13.240	101.300	66.834	13.000	99.700	66.834
13.880	99.780	66.834	13.720	100.180	66.834	13.560	100.580	66.834	13.400	100.980	66.834	13.240	101.380	66.834	13.000	99.780	66.834
13.880	99.860	66.834	13.720	100.260	66.834	13.560	100.660	66.834	13.400	101.060	66.834	13.240	101.460	66.834	13.000	99.860	66.834
13.880	99.940	66.834	13.720	100.340	66.834	13.560	100.740	66.834	13.400	101.140	66.834	13.160	99.540	66.834	13.000	99.940	66.834
13.880	100.020	66.834	13.720	100.420	66.834	13.560	100.820	66.834	13.400	101.220	66.834	13.160	99.620	66.834	13.000	100.020	66.834
13.880	100.100	66.834	13.720	100.500	66.834	13.560	100.900	66.834	13.400	101.300	66.834	13.160	99.700	66.834	13.000	100.100	1.549
13.880	100.180	66.834	13.720	100.580	66.834	13.560	100.980	66.834	13.400	101.380	66.834	13.160	99.780	66.834	13.000	100.180	1.302
13.880	100.260	66.834	13.720	100.660	66.834	13.560	101.060	66.834	13.400	101.460	66.834	13.160	99.860	66.834	13.000	100.260	1.023
13.880	100.340	66.834	13.720	100.740	66.834	13.560	101.140	66.834	13.320	99.540	66.834	13.160	99.940	66.834	13.000	100.340	1.059
13.880	100.420	66.834	13.720	100.820	66.834	13.560	101.220	66.834	13.320	99.620	66.834	13.160	100.020	66.834	13.000	100.420	1.059
13.880	100.500	66.834	13.720	100.900	66.834	13.560	101.300	66.834	13.320	99.700	66.834	13.160	100.100	2.344	13.000	100.500	1.096
13.880	100.580	66.834	13.720	100.980	66.834	13.560	101.380	66.834	13.320	99.780	66.834	13.160	100.180	1.972	13.000	100.580	0.923
13.880	100.660	66.834	13.720	101.060	66.834	13.560	101.460	66.834	13.320	99.860	66.834	13.160	100.260	1.660	13.000	100.660	0.750
13.880	100.740	66.834	13.720	101.140	66.834	13.480	99.540	66.834	13.320	99.940	66.834	13.160	100.340	1.603	13.000	100.740	1.603
13.880	100.820	66.834	13.720	101.220	66.834	13.480	99.620	66.834	13.320	100.020	66.834	13.160	100.420	1.905	13.000	100.820	66.834
13.880	100.900	66.834	13.720	101.300	66.834	13.480	99.700	66.834	13.320	100.100	13.183	13.160	100.500	1.660	13.000	100.900	66.834
13.880	100.980	66.834	13.720	101.380	66.834	13.480	99.780	66.834	13.320	100.180	2.188	13.160	100.580	1.135	13.000	100.980	66.834
13.880	101.060	66.834	13.720	101.460	66.834	13.480	99.860	66.834	13.320	100.260	2.786	13.160	100.660	1.175	13.000	101.060	66.834
13.880	101.140	66.834	13.640	99.540	66.834	13.480	99.940	66.834	13.320	100.340	4.074	13.160	100.740	66.834	13.000	101.140	66.834
13.880	101.220	66.834	13.640	99.620	66.834	13.480	100.020	66.834	13.320	100.420	4.677	13.160	100.820	66.834	13.000	101.220	66.834
13.880	101.300	66.834	13.640	99.700	66.834	13.480	100.100	66.834	13.320	100.500	2.265	13.160	100.900	66.834	13.000	101.300	66.834
13.880	101.380	66.834	13.640	99.780	66.834	13.480	100.180	66.834	13.320	100.580	1.972	13.160	100.980	66.834	13.000	101.380	66.834
13.880	101.460	66.834	13.640	99.860	66.834	13.480	100.260	66.834	13.320	100.660	1.549	13.160	101.060	66.834	13.000	101.460	66.834
13.800	99.540	66.834	13.640	99.940	66.834	13.480	100.340	10.000	13.320	100.740	3.090	13.160	101.140	66.834	12.920	99.540	66.834
13.800	99.620	66.834	13.640	100.020	66.834	13.480	100.420	14.622	13.320	100.820	66.834	13.160	101.220	66.834	12.920	99.620	66.834

ตารางภาคผนวก ก-4 (ต่อ)

13.800	99.700	66.834	13.640	100.100	66.834	13.480	100.500	66.834	13.320	100.900	66.834	13.160	101.300	66.834	12.920	99.700	66.834
13.800	99.780	66.834	13.640	100.180	66.834	13.480	100.580	66.834	13.320	100.980	66.834	13.160	101.380	66.834	12.920	99.780	66.834
13.800	99.860	66.834	13.640	100.260	66.834	13.480	100.660	7.079	13.320	101.060	66.834	13.160	101.460	66.834	12.920	99.860	66.834
12.920	99.940	66.834	12.760	100.500	0.589	12.600	101.060	0.724	12.360	99.620	66.834	12.200	100.180	0.631	12.040	100.740	0.403
12.920	100.020	66.834	12.760	100.580	0.589	12.600	101.140	0.676	12.360	99.700	66.834	12.200	100.260	0.550	12.040	100.820	0.403
12.920	100.100	1.445	12.760	100.660	0.653	12.600	101.220	0.610	12.360	99.780	66.834	12.200	100.340	0.447	12.040	100.900	0.285
12.920	100.180	1.349	12.760	100.740	66.834	12.600	101.300	0.589	12.360	99.860	66.834	12.200	100.420	0.417	12.040	100.980	0.266
12.920	100.260	1.096	12.760	100.820	66.834	12.600	101.380	0.676	12.360	99.940	66.834	12.200	100.500	0.376	12.040	101.060	0.257
12.920	100.340	0.989	12.760	100.900	66.834	12.600	101.460	0.676	12.360	100.020	1.603	12.200	100.580	0.376	12.040	101.140	0.240
12.920	100.420	0.923	12.760	100.980	66.834	12.520	99.540	66.834	12.360	100.100	0.832	12.200	100.660	0.363	12.040	101.220	0.232
12.920	100.500	0.776	12.760	101.060	66.834	12.520	99.620	66.834	12.360	100.180	0.610	12.200	100.740	0.376	12.040	101.300	0.209
12.920	100.580	0.724	12.760	101.140	66.834	12.520	99.700	66.834	12.360	100.260	0.569	12.200	100.820	0.363	12.040	101.380	0.216
12.920	100.660	0.891	12.760	101.220	66.834	12.520	99.780	66.834	12.360	100.340	0.495	12.200	100.900	0.403	12.040	101.460	0.224
12.920	100.740	1.303	12.760	101.300	66.834	12.520	99.860	66.834	12.360	100.420	0.432	12.200	100.980	0.417	12.760	99.860	66.834
12.920	100.820	66.834	12.760	101.380	66.834	12.520	99.940	66.834	12.360	100.500	0.432	12.200	101.060	0.417	12.760	99.940	66.834
12.920	100.900	66.834	12.760	101.460	66.834	12.520	100.020	1.718	12.360	100.580	0.432	12.200	101.140	0.376	12.760	100.020	1.396
12.920	100.980	66.834	12.680	99.540	66.834	12.520	100.100	0.861	12.360	100.660	0.316	12.200	101.220	0.305	12.760	100.100	1.096
12.920	101.060	66.834	12.680	99.620	66.834	12.520	100.180	0.589	12.360	100.740	0.316	12.200	101.300	0.266	12.760	100.180	0.861
12.920	101.140	66.834	12.680	99.700	66.834	12.520	100.260	0.550	12.360	100.820	66.834	12.200	101.380	0.248	12.760	100.260	0.804
12.920	101.220	66.834	12.680	99.780	66.834	12.520	100.340	0.550	12.360	100.900	66.834	12.200	101.460	0.257	12.760	100.340	0.776
12.920	101.300	66.834	12.680	99.860	66.834	12.520	100.420	0.531	12.360	100.980	0.432	12.120	99.540	66.834	12.760	100.420	0.750
12.920	101.380	66.834	12.680	99.940	66.834	12.520	100.500	0.569	12.360	101.060	0.417	12.120	99.620	66.834	12.600	100.420	0.513
12.920	101.460	66.834	12.680	100.020	1.445	12.520	100.580	0.432	12.360	101.140	0.432	12.120	99.700	66.834	12.600	100.500	0.589
12.840	99.540	66.834	12.680	100.100	1.023	12.520	100.660	0.403	12.360	101.220	0.376	12.120	99.780	66.834	12.600	100.580	0.495
12.840	99.620	66.834	12.680	100.180	0.724	12.520	100.740	0.447	12.360	101.300	0.363	12.120	99.860	66.834	12.600	100.660	0.432
12.840	99.700	66.834	12.680	100.260	0.653	12.520	100.820	0.495	12.360	101.380	0.316	12.120	99.940	1.496	12.600	100.740	0.550
12.840	99.780	66.834	12.680	100.340	0.610	12.520	100.900	0.403	12.360	101.460	0.363	12.120	100.020	0.804	12.600	100.820	0.653
12.840	99.860	66.834	12.680	100.420	0.569	12.520	100.980	0.610	12.280	99.540	66.834	12.120	100.100	0.531	12.600	100.900	66.834
12.840	99.940	66.834	12.680	100.500	0.495	12.520	101.060	0.589	12.280	99.620	66.834	12.120	100.180	0.550	12.600	100.980	0.861
12.840	100.020	1.549	12.680	100.580	0.479	12.520	101.140	0.479	12.280	99.700	66.834	12.120	100.260	0.531	12.440	100.980	0.513
12.840	100.100	1.349	12.680	100.660	0.531	12.520	101.220	0.462	12.280	99.780	66.834	12.120	100.340	0.417	12.440	101.060	0.432
12.840	100.180	1.175	12.680	100.740	0.531	12.520	101.300	0.479	12.280	99.860	66.834	12.120	100.420	0.389	12.440	101.140	66.834
12.840	100.260	1.023	12.680	100.820	66.834	12.520	101.380	0.513	12.280	99.940	66.834	12.120	100.500	0.339	12.440	101.220	0.403
12.840	100.340	0.955	12.680	100.900	66.834	12.520	101.460	0.589	12.280	100.020	1.445	12.120	100.580	0.339	12.440	101.300	0.403
12.840	100.420	0.989	12.680	100.980	0.776	12.440	99.540	66.834	12.280	100.100	0.750	12.120	100.660	0.363	12.440	101.380	0.363
12.840	100.500	0.724	12.680	101.060	66.834	12.440	99.620	66.834	12.280	100.180	0.653	12.120	100.740	0.351	12.440	101.460	0.432
12.840	100.580	0.700	12.680	101.140	66.834	12.440	99.700	66.834	12.280	100.260	0.569	12.120	100.820	0.327	12.360	99.540	66.834
12.840	100.660	0.776	12.680	101.220	0.724	12.440	99.780	66.834	12.280	100.340	0.479	12.120	100.900	0.316	12.200	99.540	66.834
12.840	100.740	1.135	12.680	101.300	66.834	12.440	99.860	66.834	12.280	100.420	0.432	12.120	100.980	0.305	12.200	99.620	66.834
12.840	100.820	66.834	12.680	101.380	66.834	12.440	99.940	66.834	12.280	100.500	0.417	12.120	101.060	0.295	12.200	99.700	66.834
12.840	100.900	66.834	12.680	101.460	66.834	12.440	100.020	1.445	12.280	100.580	0.389	12.120	101.140	0.275	12.200	99.780	66.834
12.840	100.980	66.834	12.600	99.540	66.834	12.440	100.100	0.955	12.280	100.660	0.403	12.120	101.220	0.248	12.200	99.860	66.834
12.840	101.060	66.834	12.600	99.620	66.834	12.440	100.180	0.569	12.280	100.740	66.834	12.120	101.300	0.224	12.200	99.940	66.834
12.840	101.140	66.834	12.600	99.700	66.834	12.440	100.260	0.569	12.280	100.820	0.305	12.120	101.380	0.209	12.200	100.020	1.096
12.840	101.220	66.834	12.600	99.780	66.834	12.440	100.340	0.531	12.280	100.900	0.351	12.120	101.460	0.202	12.200	100.100	0.569
12.840	101.300	66.834	12.600	99.860	66.834	12.440	100.420	0.462	12.280	100.980	0.417	12.040	99.540	66.834			
12.840	101.380	66.834	12.600	99.940	66.834	12.440	100.500	0.462	12.280	101.060	0.447	12.040	99.620	66.834			
12.840	101.460	66.834	12.600	100.020	1.660	12.440	100.580	0.462	12.280	101.140	0.495	12.040	99.700	66.834			
12.760	99.540	66.834	12.600	100.100	1.059	12.440	100.660	0.351	12.280	101.220	0.389	12.040	99.780	66.834			
12.760	99.620	66.834	12.600	100.180	0.700	12.440	100.740	0.376	12.280	101.300	0.376	12.040	99.860	1.718			
12.760	99.700	66.834	12.600	100.260	0.569	12.440	100.820	0.403	12.280	101.380	66.834	12.040	99.940	1.549			
12.760	99.780	66.834	12.600	100.340	0.462	12.440	100.900	66.834	12.280	101.460	0.295	12.040	100.020	0.631			

ตารางภาพผนวก ก-5 ข้อมูลสถิติ, ทองจืดและ ค่าความเข้มข้นของคลอโรฟิลล์ พฤษภาคม 2547

13.960	99.540	66.834	13.800	99.940	66.834	13.640	100.340	66.834	13.480	100.740	6.383	13.320	101.140	66.834	13.080	99.540	66.834
13.960	99.620	66.834	13.800	100.020	66.834	13.640	100.420	66.834	13.480	100.820	66.834	13.320	101.220	66.834	13.080	99.620	66.834
13.960	99.700	66.834	13.800	100.100	66.834	13.640	100.500	66.834	13.480	100.900	66.834	13.320	101.300	66.834	13.080	99.700	66.834
13.960	99.780	66.834	13.800	100.180	66.834	13.640	100.580	66.834	13.480	100.980	66.834	13.320	101.380	66.834	13.080	99.780	66.834
13.960	99.860	66.834	13.800	100.260	66.834	13.640	100.660	66.834	13.480	101.060	66.834	13.320	101.460	66.834	13.080	99.860	66.834
13.960	99.940	66.834	13.800	100.340	66.834	13.640	100.740	66.834	13.480	101.140	66.834	13.240	99.540	66.834	13.080	99.940	66.834
13.960	100.020	66.834	13.800	100.420	66.834	13.640	100.820	66.834	13.480	101.220	66.834	13.240	99.620	66.834	13.080	100.020	66.834
13.960	100.100	66.834	13.800	100.500	66.834	13.640	100.900	66.834	13.480	101.300	66.834	13.240	99.700	66.834	13.080	100.100	3.428
13.960	100.180	66.834	13.800	100.580	66.834	13.640	100.980	66.834	13.480	101.380	66.834	13.240	99.780	66.834	13.080	100.180	2.884
13.960	100.260	66.834	13.800	100.660	66.834	13.640	101.060	66.834	13.480	101.460	66.834	13.240	99.860	66.834	13.080	100.260	1.905
13.960	100.340	66.834	13.800	100.740	66.834	13.640	101.140	66.834	13.400	99.540	66.834	13.240	99.940	66.834	13.080	100.340	1.660
13.960	100.420	66.834	13.800	100.820	66.834	13.640	101.220	66.834	13.400	99.620	66.834	13.240	100.020	66.834	13.080	100.420	1.303
13.960	100.500	66.834	13.800	100.900	66.834	13.640	101.300	66.834	13.400	99.700	66.834	13.240	100.100	4.365	13.080	100.500	1.259
13.960	100.580	66.834	13.800	100.980	66.834	13.640	101.380	66.834	13.400	99.780	66.834	13.240	100.180	6.607	13.080	100.580	1.059
13.960	100.660	66.834	13.800	101.060	66.834	13.640	101.460	66.834	13.400	99.860	66.834	13.240	100.260	3.090	13.080	100.660	1.259
13.960	100.740	66.834	13.800	101.140	66.834	13.560	99.540	66.834	13.400	99.940	66.834	13.240	100.340	2.985	13.080	100.740	1.905
13.960	100.820	66.834	13.800	101.220	66.834	13.560	99.620	66.834	13.400	100.020	66.834	13.240	100.420	1.905	13.080	100.820	66.834
13.960	100.900	66.834	13.800	101.300	66.834	13.560	99.700	66.834	13.400	100.100	6.383	13.240	100.500	1.841	13.080	100.900	66.834
13.960	100.980	66.834	13.800	101.380	66.834	13.560	99.780	66.834	13.400	100.180	10.900	13.240	100.580	2.427	13.080	100.980	66.834
13.960	101.060	66.834	13.800	101.460	66.834	13.560	99.860	66.834	13.400	100.260	19.275	13.240	100.660	1.905	13.080	101.060	66.834
13.960	101.140	66.834	13.720	99.540	66.834	13.560	99.940	66.834	13.400	100.340	15.668	13.240	100.740	2.113	13.080	101.140	66.834
13.960	101.220	66.834	13.720	99.620	66.834	13.560	100.020	66.834	13.400	100.420	12.735	13.240	100.820	4.217	13.080	101.220	66.834
13.960	101.300	66.834	13.720	99.700	66.834	13.560	100.100	66.834	13.400	100.500	11.482	13.240	100.900	66.834	13.080	101.300	66.834
13.960	101.380	66.834	13.720	99.780	66.834	13.560	100.180	66.834	13.400	100.580	8.710	13.240	100.980	66.834	13.080	101.380	66.834
13.960	101.460	66.834	13.720	99.860	66.834	13.560	100.260	66.834	13.400	100.660	3.311	13.240	101.060	66.834	13.080	101.460	66.834
13.880	99.540	66.834	13.720	99.940	66.834	13.560	100.340	66.834	13.400	100.740	4.365	13.240	101.140	66.834	13.000	99.540	66.834
13.880	99.620	66.834	13.720	100.020	66.834	13.560	100.420	66.834	13.400	100.820	5.957	13.240	101.220	66.834	13.000	99.620	66.834
13.880	99.700	66.834	13.720	100.100	66.834	13.560	100.500	66.834	13.400	100.900	66.834	13.240	101.300	66.834	13.000	99.700	66.834
13.880	99.780	66.834	13.720	100.180	66.834	13.560	100.580	66.834	13.400	100.980	66.834	13.240	101.380	66.834	13.000	99.780	66.834
13.880	99.860	66.834	13.720	100.260	66.834	13.560	100.660	66.834	13.400	101.060	66.834	13.240	101.460	66.834	13.000	99.860	66.834
13.880	99.940	66.834	13.720	100.340	66.834	13.560	100.740	66.834	13.400	101.140	66.834	13.160	99.540	66.834	13.000	99.940	66.834
13.880	100.020	66.834	13.720	100.420	66.834	13.560	100.820	66.834	13.400	101.220	66.834	13.160	99.620	66.834	13.000	100.020	2.786
13.880	100.100	66.834	13.720	100.500	66.834	13.560	100.900	66.834	13.400	101.300	66.834	13.160	99.700	66.834	13.000	100.100	2.985
13.880	100.180	66.834	13.720	100.580	66.834	13.560	100.980	66.834	13.400	101.380	66.834	13.160	99.780	66.834	13.000	100.180	1.841
13.880	100.260	66.834	13.720	100.660	66.834	13.560	101.060	66.834	13.400	101.460	66.834	13.160	99.860	66.834	13.000	100.260	1.549
13.880	100.340	66.834	13.720	100.740	66.834	13.560	101.140	66.834	13.320	99.540	66.834	13.160	99.940	66.834	13.000	100.340	1.303
13.880	100.420	66.834	13.720	100.820	66.834	13.560	101.220	66.834	13.320	99.620	66.834	13.160	100.020	66.834	13.000	100.420	1.096
13.880	100.500	66.834	13.720	100.900	66.834	13.560	101.300	66.834	13.320	99.700	66.834	13.160	100.100	3.802	13.000	100.500	0.989
13.880	100.580	66.834	13.720	100.980	66.834	13.560	101.380	66.834	13.320	99.780	66.834	13.160	100.180	3.428	13.000	100.580	0.989
13.880	100.660	66.834	13.720	101.060	66.834	13.560	101.460	66.834	13.320	99.860	66.834	13.160	100.260	2.786	13.000	100.660	1.349
13.880	100.740	66.834	13.720	101.140	66.834	13.480	99.540	66.834	13.320	99.940	66.834	13.160	100.340	2.188	13.000	100.740	2.188
13.880	100.820	66.834	13.720	101.220	66.834	13.480	99.620	66.834	13.320	100.020	66.834	13.160	100.420	1.603	13.000	100.820	66.834
13.880	100.900	66.834	13.720	101.300	66.834	13.480	99.700	66.834	13.320	100.100	4.677	13.160	100.500	1.496	13.000	100.900	66.834
13.880	100.980	66.834	13.720	101.380	66.834	13.480	99.780	66.834	13.320	100.180	10.351	13.160	100.580	1.496	13.000	100.980	66.834
13.880	101.060	66.834	13.720	101.460	66.834	13.480	99.860	66.834	13.320	100.260	16.218	13.160	100.660	1.396	13.000	101.060	66.834
13.880	101.140	66.834	13.640	99.540	66.834	13.480	99.940	66.834	13.320	100.340	11.482	13.160	100.740	2.265	13.000	101.140	66.834
13.880	101.220	66.834	13.640	99.620	66.834	13.480	100.020	66.834	13.320	100.420	8.128	13.160	100.820	66.834	13.000	101.220	66.834
13.880	101.300	66.834	13.640	99.700	66.834	13.480	100.100	66.834	13.320	100.500	8.710	13.160	100.900	66.834	13.000	101.300	66.834
13.880	101.380	66.834	13.640	99.780	66.834	13.480	100.180	18.621	13.320	100.580	6.839	13.160	100.980	66.834	13.000	101.380	66.834
13.880	101.460	66.834	13.640	99.860	66.834	13.480	100.260	25.410	13.320	100.660	2.113	13.160	101.060	66.834	13.000	101.460	66.834
13.800	99.540	66.834	13.640	99.940	66.834	13.480	100.340	11.482	13.320	100.740	2.512	13.160	101.140	66.834	12.920	99.540	66.834
13.800	99.620	66.834	13.640	100.020	66.834	13.480	100.420	25.410	13.320	100.820	4.217	13.160	101.220	66.834	12.920	99.620	66.834

ตารางภาคผนวก ก-5 (ต่อ)

13.800	99.700	66.834	13.640	100.100	66.834	13.480	100.500	15.136	13.320	100.900	66.834	13.160	101.300	66.834	12.920	99.700	66.834
13.800	99.780	66.834	13.640	100.180	66.834	13.480	100.580	19.275	13.320	100.980	66.834	13.160	101.380	66.834	12.920	99.780	66.834
13.800	99.860	66.834	13.640	100.260	66.834	13.480	100.660	10.000	13.320	101.060	66.834	13.160	101.460	66.834	12.920	99.860	66.834
12.920	99.940	66.834	12.760	100.500	0.804	12.600	101.060	0.750	12.360	99.620	66.834	12.200	100.180	0.531	12.040	100.740	66.834
12.920	100.020	2.600	12.760	100.580	0.724	12.600	101.140	1.303	12.360	99.700	66.834	12.200	100.260	0.495	12.040	100.820	66.834
12.920	100.100	66.834	12.760	100.660	0.676	12.600	101.220	1.349	12.360	99.780	66.834	12.200	100.340	0.462	12.040	100.900	0.417
12.920	100.180	1.603	12.760	100.740	1.496	12.600	101.300	66.834	12.360	99.860	66.834	12.200	100.420	0.403	12.040	100.980	0.403
12.920	100.260	1.349	12.760	100.820	66.834	12.600	101.380	66.834	12.360	99.940	66.834	12.200	100.500	0.389	12.040	101.060	0.351
12.920	100.340	1.023	12.760	100.900	66.834	12.600	101.460	66.834	12.360	100.020	2.188	12.200	100.580	0.479	12.040	101.140	66.834
12.920	100.420	1.023	12.760	100.980	66.834	12.520	99.540	66.834	12.360	100.100	0.724	12.200	100.660	0.479	12.040	101.220	0.248
12.920	100.500	0.891	12.760	101.060	66.834	12.520	99.620	66.834	12.360	100.180	0.676	12.200	100.740	0.462	12.040	101.300	66.834
12.920	100.580	0.923	12.760	101.140	66.834	12.520	99.700	66.834	12.360	100.260	0.550	12.200	100.820	66.834	12.040	101.380	66.834
12.920	100.660	1.135	12.760	101.220	66.834	12.520	99.780	66.834	12.360	100.340	0.479	12.200	100.900	66.834	12.040	101.460	66.834
12.920	100.740	1.445	12.760	101.300	66.834	12.520	99.860	66.834	12.360	100.420	0.432	12.200	100.980	66.834	12.760	99.860	66.834
12.920	100.820	66.834	12.760	101.380	66.834	12.520	99.940	66.834	12.360	100.500	0.447	12.200	101.060	66.834	12.760	99.940	66.834
12.920	100.900	66.834	12.760	101.460	66.834	12.520	100.020	2.512	12.360	100.580	0.495	12.200	101.140	66.834	12.760	100.020	2.113
12.920	100.980	66.834	12.680	99.540	66.834	12.520	100.100	0.955	12.360	100.660	0.447	12.200	101.220	66.834	12.760	100.100	1.259
12.920	101.060	66.834	12.680	99.620	66.834	12.520	100.180	0.776	12.360	100.740	0.531	12.200	101.300	66.834	12.760	100.180	0.891
12.920	101.140	66.834	12.680	99.700	66.834	12.520	100.260	0.610	12.360	100.820	66.834	12.200	101.380	66.834	12.760	100.260	0.955
12.920	101.220	66.834	12.680	99.780	66.834	12.520	100.340	0.447	12.360	100.900	66.834	12.200	101.460	66.834	12.760	100.340	0.891
12.920	101.300	66.834	12.680	99.860	66.834	12.520	100.420	0.462	12.360	100.980	0.495	12.120	99.540	66.834	12.760	100.420	0.776
12.920	101.380	66.834	12.680	99.940	66.834	12.520	100.500	0.462	12.360	101.060	0.531	12.120	99.620	66.834	12.600	100.420	0.531
12.920	101.460	66.834	12.680	100.020	2.188	12.520	100.580	0.462	12.360	101.140	66.834	12.120	99.700	66.834	12.600	100.500	0.531
12.840	99.540	66.834	12.680	100.100	0.832	12.520	100.660	0.479	12.360	101.220	66.834	12.120	99.780	66.834	12.600	100.580	0.531
12.840	99.620	66.834	12.680	100.180	0.700	12.520	100.740	0.447	12.360	101.300	66.834	12.120	99.860	66.834	12.600	100.660	0.513
12.840	99.700	66.834	12.680	100.260	0.804	12.520	100.820	0.495	12.360	101.380	66.834	12.120	99.940	1.349	12.600	100.740	0.550
12.840	99.780	66.834	12.680	100.340	0.832	12.520	100.900	66.834	12.360	101.460	66.834	12.120	100.020	1.023	12.600	100.820	1.023
12.840	99.860	66.834	12.680	100.420	0.610	12.520	100.980	0.676	12.280	99.540	66.834	12.120	100.100	0.653	12.600	100.900	66.834
12.840	99.940	66.834	12.680	100.500	0.610	12.520	101.060	0.700	12.280	99.620	66.834	12.120	100.180	0.531	12.600	100.980	66.834
12.840	100.020	2.427	12.680	100.580	0.589	12.520	101.140	0.776	12.280	99.700	66.834	12.120	100.260	0.495	12.440	100.980	0.610
12.840	100.100	1.905	12.680	100.660	0.589	12.520	101.220	0.804	12.280	99.780	66.834	12.120	100.340	0.462	12.440	101.060	0.631
12.840	100.180	1.259	12.680	100.740	0.676	12.520	101.300	66.834	12.280	99.860	66.834	12.120	100.420	0.351	12.440	101.140	0.700
12.840	100.260	1.059	12.680	100.820	0.832	12.520	101.380	66.834	12.280	99.940	66.834	12.120	100.500	0.351	12.440	101.220	0.750
12.840	100.340	0.989	12.680	100.900	66.834	12.520	101.460	66.834	12.280	100.020	2.344	12.120	100.580	66.834	12.440	101.300	66.834
12.840	100.420	0.923	12.680	100.980	1.496	12.440	99.540	66.834	12.280	100.100	0.923	12.120	100.660	66.834	12.440	101.380	66.834
12.840	100.500	0.891	12.680	101.060	66.834	12.440	99.620	66.834	12.280	100.180	0.550	12.120	100.740	0.447	12.440	101.460	66.834
12.840	100.580	0.804	12.680	101.140	1.216	12.440	99.700	66.834	12.280	100.260	0.550	12.120	100.820	66.834	12.360	99.540	66.834
12.840	100.660	0.923	12.680	101.220	66.834	12.440	99.780	66.834	12.280	100.340	0.479	12.120	100.900	66.834	12.200	99.540	66.834
12.840	100.740	1.496	12.680	101.300	66.834	12.440	99.860	66.834	12.280	100.420	0.432	12.120	100.980	0.363	12.200	99.620	66.834
12.840	100.820	2.692	12.680	101.380	66.834	12.440	99.940	66.834	12.280	100.500	0.403	12.120	101.060	0.417	12.200	99.700	66.834
12.840	100.900	66.834	12.680	101.460	66.834	12.440	100.020	2.600	12.280	100.580	0.462	12.120	101.140	0.403	12.200	99.780	66.834
12.840	100.980	66.834	12.600	99.540	66.834	12.440	100.100	0.804	12.280	100.660	0.432	12.120	101.220	0.327	12.200	99.860	66.834
12.840	101.060	66.834	12.600	99.620	66.834	12.440	100.180	0.724	12.280	100.740	0.531	12.120	101.300	0.266	12.200	99.940	66.834
12.840	101.140	66.834	12.600	99.700	66.834	12.440	100.260	0.589	12.280	100.820	0.462	12.120	101.380	0.240	12.200	100.020	1.396
12.840	101.220	66.834	12.600	99.780	66.834	12.440	100.340	0.495	12.280	100.900	66.834	12.120	101.460	66.834	12.200	100.100	0.750
12.840	101.300	66.834	12.600	99.860	66.834	12.440	100.420	0.462	12.280	100.980	66.834	12.040	99.540	66.834			
12.840	101.380	66.834	12.600	99.940	66.834	12.440	100.500	0.495	12.280	101.060	66.834	12.040	99.620	66.834			
12.840	101.460	66.834	12.600	100.020	2.427	12.440	100.580	0.495	12.280	101.140	66.834	12.040	99.700	66.834			
12.760	99.540	66.834	12.600	100.100	1.135	12.440	100.660	0.417	12.280	101.220	66.834	12.040	99.780	66.834			
12.760	99.620	66.834	12.600	100.180	0.724	12.440	100.740	0.495	12.280	101.300	0.610	12.040	99.860	1.216			
12.760	99.700	66.834	12.600	100.260	0.776	12.440	100.820	66.834	12.280	101.380	66.834	12.040	99.940	1.023			
12.760	99.780	66.834	12.600	100.340	0.531	12.440	100.900	66.834	12.280	101.460	66.834	12.040	100.020	0.804			

ตารางภาพผนวก ก-6 ข้อมูลสถิติจุด, ลองจิจูดและ ค่าความเข้มข้นของคลอโรฟิลล์ มิถุนายน 2547

13.960	99.540	66.834	13.800	99.940	66.834	13.640	100.340	66.834	13.480	100.740	66.834	13.320	101.140	66.834	13.080	99.540	66.834
13.960	99.620	66.834	13.800	100.020	66.834	13.640	100.420	66.834	13.480	100.820	66.834	13.320	101.220	66.834	13.080	99.620	66.834
13.960	99.700	66.834	13.800	100.100	66.834	13.640	100.500	66.834	13.480	100.900	66.834	13.320	101.300	66.834	13.080	99.700	66.834
13.960	99.780	66.834	13.800	100.180	66.834	13.640	100.580	66.834	13.480	100.980	66.834	13.320	101.380	66.834	13.080	99.780	66.834
13.960	99.860	66.834	13.800	100.260	66.834	13.640	100.660	66.834	13.480	101.060	66.834	13.320	101.460	66.834	13.080	99.860	66.834
13.960	99.940	66.834	13.800	100.340	66.834	13.640	100.740	66.834	13.480	101.140	66.834	13.240	99.540	66.834	13.080	99.940	66.834
13.960	100.020	66.834	13.800	100.420	66.834	13.640	100.820	66.834	13.480	101.220	66.834	13.240	99.620	66.834	13.080	100.020	66.834
13.960	100.100	66.834	13.800	100.500	66.834	13.640	100.900	66.834	13.480	101.300	66.834	13.240	99.700	66.834	13.080	100.100	66.834
13.960	100.180	66.834	13.800	100.580	66.834	13.640	100.980	66.834	13.480	101.380	66.834	13.240	99.780	66.834	13.080	100.180	1.549
13.960	100.260	66.834	13.800	100.660	66.834	13.640	101.060	66.834	13.480	101.460	66.834	13.240	99.860	66.834	13.080	100.260	1.496
13.960	100.340	66.834	13.800	100.740	66.834	13.640	101.140	66.834	13.400	99.540	66.834	13.240	99.940	66.834	13.080	100.340	1.096
13.960	100.420	66.834	13.800	100.820	66.834	13.640	101.220	66.834	13.400	99.620	66.834	13.240	100.020	66.834	13.080	100.420	1.496
13.960	100.500	66.834	13.800	100.900	66.834	13.640	101.300	66.834	13.400	99.700	66.834	13.240	100.100	66.834	13.080	100.500	1.718
13.960	100.580	66.834	13.800	100.980	66.834	13.640	101.380	66.834	13.400	99.780	66.834	13.240	100.180	66.834	13.080	100.580	1.059
13.960	100.660	66.834	13.800	101.060	66.834	13.640	101.460	66.834	13.400	99.860	66.834	13.240	100.260	66.834	13.080	100.660	1.175
13.960	100.740	66.834	13.800	101.140	66.834	13.560	99.540	66.834	13.400	99.940	66.834	13.240	100.340	2.692	13.080	100.740	1.259
13.960	100.820	66.834	13.800	101.220	66.834	13.560	99.620	66.834	13.400	100.020	66.834	13.240	100.420	2.188	13.080	100.820	66.834
13.960	100.900	66.834	13.800	101.300	66.834	13.560	99.700	66.834	13.400	100.100	66.834	13.240	100.500	2.042	13.080	100.900	66.834
13.960	100.980	66.834	13.800	101.380	66.834	13.560	99.780	66.834	13.400	100.180	66.834	13.240	100.580	1.549	13.080	100.980	66.834
13.960	101.060	66.834	13.800	101.460	66.834	13.560	99.860	66.834	13.400	100.260	4.519	13.240	100.660	4.365	13.080	101.060	66.834
13.960	101.140	66.834	13.720	99.540	66.834	13.560	99.940	66.834	13.400	100.340	4.519	13.240	100.740	66.834	13.080	101.140	66.834
13.960	101.220	66.834	13.720	99.620	66.834	13.560	100.020	66.834	13.400	100.420	5.754	13.240	100.820	66.834	13.080	101.220	66.834
13.960	101.300	66.834	13.720	99.700	66.834	13.560	100.100	66.834	13.400	100.500	11.092	13.240	100.900	66.834	13.080	101.300	66.834
13.960	101.380	66.834	13.720	99.780	66.834	13.560	100.180	66.834	13.400	100.580	25.410	13.240	100.980	66.834	13.080	101.380	66.834
13.960	101.460	66.834	13.720	99.860	66.834	13.560	100.260	66.834	13.400	100.660	66.834	13.240	101.060	66.834	13.080	101.460	66.834
13.880	99.540	66.834	13.720	99.940	66.834	13.560	100.340	66.834	13.400	100.740	66.834	13.240	101.140	66.834	13.000	99.540	66.834
13.880	99.620	66.834	13.720	100.020	66.834	13.560	100.420	66.834	13.400	100.820	66.834	13.240	101.220	66.834	13.000	99.620	66.834
13.880	99.700	66.834	13.720	100.100	66.834	13.560	100.500	66.834	13.400	100.900	66.834	13.240	101.300	66.834	13.000	99.700	66.834
13.880	99.780	66.834	13.720	100.180	66.834	13.560	100.580	66.834	13.400	100.980	66.834	13.240	101.380	66.834	13.000	99.780	66.834
13.880	99.860	66.834	13.720	100.260	66.834	13.560	100.660	66.834	13.400	101.060	66.834	13.240	101.460	66.834	13.000	99.860	66.834
13.880	99.940	66.834	13.720	100.340	66.834	13.560	100.740	66.834	13.400	101.140	66.834	13.160	99.540	66.834	13.000	99.940	66.834
13.880	100.020	66.834	13.720	100.420	66.834	13.560	100.820	66.834	13.400	101.220	66.834	13.160	99.620	66.834	13.000	100.020	66.834
13.880	100.100	66.834	13.720	100.500	66.834	13.560	100.900	66.834	13.400	101.300	66.834	13.160	99.700	66.834	13.000	100.100	66.834
13.880	100.180	66.834	13.720	100.580	66.834	13.560	100.980	66.834	13.400	101.380	66.834	13.160	99.780	66.834	13.000	100.180	1.216
13.880	100.260	66.834	13.720	100.660	66.834	13.560	101.060	66.834	13.400	101.460	66.834	13.160	99.860	66.834	13.000	100.260	1.135
13.880	100.340	66.834	13.720	100.740	66.834	13.560	101.140	66.834	13.320	99.540	66.834	13.160	99.940	66.834	13.000	100.340	1.175
13.880	100.420	66.834	13.720	100.820	66.834	13.560	101.220	66.834	13.320	99.620	66.834	13.160	100.020	66.834	13.000	100.420	1.059
13.880	100.500	66.834	13.720	100.900	66.834	13.560	101.300	66.834	13.320	99.700	66.834	13.160	100.100	66.834	13.000	100.500	0.804
13.880	100.580	66.834	13.720	100.980	66.834	13.560	101.380	66.834	13.320	99.780	66.834	13.160	100.180	66.834	13.000	100.580	1.023
13.880	100.660	66.834	13.720	101.060	66.834	13.560	101.460	66.834	13.320	99.860	66.834	13.160	100.260	66.834	13.000	100.660	0.955
13.880	100.740	66.834	13.720	101.140	66.834	13.480	99.540	66.834	13.320	99.940	66.834	13.160	100.340	66.834	13.000	100.740	66.834
13.880	100.820	66.834	13.720	101.220	66.834	13.480	99.620	66.834	13.320	100.020	66.834	13.160	100.420	66.834	13.000	100.820	66.834
13.880	100.900	66.834	13.720	101.300	66.834	13.480	99.700	66.834	13.320	100.100	66.834	13.160	100.500	1.778	13.000	100.900	66.834
13.880	100.980	66.834	13.720	101.380	66.834	13.480	99.780	66.834	13.320	100.180	66.834	13.160	100.580	1.259	13.000	100.980	66.834
13.880	101.060	66.834	13.720	101.460	66.834	13.480	99.860	66.834	13.320	100.260	2.884	13.160	100.660	1.259	13.000	101.060	66.834
13.880	101.140	66.834	13.640	99.540	66.834	13.480	99.940	66.834	13.320	100.340	2.985	13.160	100.740	1.905	13.000	101.140	66.834
13.880	101.220	66.834	13.640	99.620	66.834	13.480	100.020	66.834	13.320	100.420	4.074	13.160	100.820	66.834	13.000	101.220	66.834
13.880	101.300	66.834	13.640	99.700	66.834	13.480	100.100	66.834	13.320	100.500	4.217	13.160	100.900	66.834	13.000	101.300	66.834
13.880	101.380	66.834	13.640	99.780	66.834	13.480	100.180	66.834	13.320	100.580	4.677	13.160	100.980	66.834	13.000	101.380	66.834
13.880	101.460	66.834	13.640	99.860	66.834	13.480	100.260	66.834	13.320	100.660	5.754	13.160	101.060	66.834	13.000	101.460	66.834
13.800	99.540	66.834	13.640	99.940	66.834	13.480	100.340	4.519	13.320	100.740	66.834	13.160	101.140	66.834	12.920	99.540	66.834
13.800	99.620	66.834	13.640	100.020	66.834	13.480	100.420	4.677	13.320	100.820	66.834	13.160	101.220	66.834	12.920	99.620	66.834

ตารางภาคผนวก ก-6 (ต่อ)

13.800	99.700	66.834	13.640	100.100	66.834	13.480	100.500	66.834	13.320	100.900	66.834	13.160	101.300	66.834	12.920	99.700	66.834
13.800	99.780	66.834	13.640	100.180	66.834	13.480	100.580	66.834	13.320	100.980	66.834	13.160	101.380	66.834	12.920	99.780	66.834
13.800	99.860	66.834	13.640	100.260	66.834	13.480	100.660	66.834	13.320	101.060	66.834	13.160	101.460	66.834	12.920	99.860	66.834
12.920	99.940	66.834	12.760	100.500	0.631	12.600	101.060	0.676	12.360	99.620	66.834	12.200	100.180	0.610	12.040	100.740	0.462
12.920	100.020	66.834	12.760	100.580	66.834	12.600	101.140	0.653	12.360	99.700	66.834	12.200	100.260	0.462	12.040	100.820	0.550
12.920	100.100	66.834	12.760	100.660	66.834	12.600	101.220	0.724	12.360	99.780	66.834	12.200	100.340	0.462	12.040	100.900	0.610
12.920	100.180	66.834	12.760	100.740	66.834	12.600	101.300	66.834	12.360	99.860	66.834	12.200	100.420	0.447	12.040	100.980	0.589
12.920	100.260	66.834	12.760	100.820	66.834	12.600	101.380	66.834	12.360	99.940	66.834	12.200	100.500	0.432	12.040	101.060	0.589
12.920	100.340	1.349	12.760	100.900	66.834	12.600	101.460	66.834	12.360	100.020	66.834	12.200	100.580	0.432	12.040	101.140	0.589
12.920	100.420	66.834	12.760	100.980	66.834	12.520	99.540	66.834	12.360	100.100	0.750	12.200	100.660	0.432	12.040	101.220	0.513
12.920	100.500	0.955	12.760	101.060	66.834	12.520	99.620	66.834	12.360	100.180	0.589	12.200	100.740	0.495	12.040	101.300	0.569
12.920	100.580	66.834	12.760	101.140	66.834	12.520	99.700	66.834	12.360	100.260	0.479	12.200	100.820	0.513	12.040	101.380	0.631
12.920	100.660	66.834	12.760	101.220	66.834	12.520	99.780	66.834	12.360	100.340	0.495	12.200	100.900	0.569	12.040	101.460	0.832
12.920	100.740	66.834	12.760	101.300	66.834	12.520	99.860	66.834	12.360	100.420	0.462	12.200	100.980	66.834	12.760	99.860	66.834
12.920	100.820	66.834	12.760	101.380	66.834	12.520	99.940	66.834	12.360	100.500	0.479	12.200	101.060	0.495	12.760	99.940	66.834
12.920	100.900	66.834	12.760	101.460	66.834	12.520	100.020	66.834	12.360	100.580	0.531	12.200	101.140	0.479	12.760	100.020	66.834
12.920	100.980	66.834	12.680	99.540	66.834	12.520	100.100	66.834	12.360	100.660	0.610	12.200	101.220	0.513	12.760	100.100	66.834
12.920	101.060	66.834	12.680	99.620	66.834	12.520	100.180	0.776	12.360	100.740	0.531	12.200	101.300	0.610	12.760	100.180	66.834
12.920	101.140	66.834	12.680	99.700	66.834	12.520	100.260	0.724	12.360	100.820	0.531	12.200	101.380	0.610	12.760	100.260	0.832
12.920	101.220	66.834	12.680	99.780	66.834	12.520	100.340	0.633	12.360	100.900	0.462	12.200	101.460	0.633	12.760	100.340	0.832
12.920	101.300	66.834	12.680	99.860	66.834	12.520	100.420	0.610	12.360	100.980	0.351	12.120	99.540	66.834	12.760	100.420	0.676
12.920	101.380	66.834	12.680	99.940	66.834	12.520	100.500	0.589	12.360	101.060	0.447	12.120	99.620	66.834	12.600	100.500	0.610
12.920	101.460	66.834	12.680	100.020	66.834	12.520	100.580	0.531	12.360	101.140	0.550	12.120	99.700	66.834	12.600	100.580	0.631
12.840	99.540	66.834	12.680	100.100	66.834	12.520	100.660	0.531	12.360	101.220	0.610	12.120	99.780	66.834	12.600	100.660	0.550
12.840	99.620	66.834	12.680	100.180	66.834	12.520	100.740	0.479	12.360	101.300	0.750	12.120	99.860	66.834	12.600	100.740	0.447
12.840	99.700	66.834	12.680	100.260	0.776	12.520	100.820	0.403	12.360	101.380	0.804	12.120	99.940	66.834	12.600	100.820	0.569
12.840	99.780	66.834	12.680	100.340	0.653	12.520	100.900	0.417	12.360	101.460	0.750	12.120	100.020	66.834	12.600	100.900	0.724
12.840	99.860	66.834	12.680	100.420	0.724	12.520	100.980	0.479	12.280	99.540	66.834	12.120	100.100	0.804	12.600	100.980	66.834
12.840	99.940	66.834	12.680	100.500	0.653	12.520	101.060	0.610	12.280	99.620	66.834	12.120	100.180	0.495	12.600	100.980	0.776
12.840	100.020	66.834	12.680	100.580	0.589	12.520	101.140	0.610	12.280	99.700	66.834	12.120	100.260	0.479	12.440	100.980	0.417
12.840	100.100	66.834	12.680	100.660	0.531	12.520	101.220	0.724	12.280	99.780	66.834	12.120	100.340	0.462	12.440	101.060	0.513
12.840	100.180	1.175	12.680	100.740	0.653	12.520	101.300	0.776	12.280	99.860	66.834	12.120	100.420	0.403	12.440	101.140	0.569
12.840	100.260	0.861	12.680	100.820	0.832	12.520	101.380	66.834	12.280	99.940	66.834	12.120	100.500	0.432	12.440	101.220	0.676
12.840	100.340	0.923	12.680	100.900	66.834	12.520	101.460	66.834	12.280	100.020	66.834	12.120	100.580	0.447	12.440	101.300	66.834
12.840	100.420	0.724	12.680	100.980	66.834	12.440	99.540	66.834	12.280	100.100	66.834	12.120	100.660	0.479	12.440	101.380	0.804
12.840	100.500	0.513	12.680	101.060	66.834	12.440	99.620	66.834	12.280	100.180	0.589	12.120	100.740	0.495	12.440	101.460	0.776
12.840	100.580	66.834	12.680	101.140	66.834	12.440	99.700	66.834	12.280	100.260	0.432	12.120	100.820	0.531	12.360	99.540	66.834
12.840	100.660	66.834	12.680	101.220	66.834	12.440	99.780	66.834	12.280	100.340	0.432	12.120	100.900	0.589	12.440	100.980	0.417
12.840	100.740	66.834	12.680	101.300	66.834	12.440	99.860	66.834	12.280	100.420	0.447	12.120	100.980	0.653	12.200	99.540	66.834
12.840	100.820	66.834	12.680	101.380	66.834	12.440	99.940	66.834	12.280	100.500	0.479	12.120	101.060	0.569	12.200	99.620	66.834
12.840	100.900	66.834	12.680	101.460	66.834	12.440	100.020	66.834	12.280	100.580	0.495	12.120	101.140	0.447	12.200	99.700	66.834
12.840	100.980	66.834	12.600	99.540	66.834	12.440	100.100	0.891	12.280	100.660	0.479	12.120	101.220	0.479	12.200	99.780	66.834
12.840	101.060	66.834	12.600	99.620	66.834	12.440	100.180	0.832	12.280	100.740	0.495	12.120	101.300	0.513	12.200	99.860	66.834
12.840	101.140	66.834	12.600	99.700	66.834	12.440	100.260	0.550	12.280	100.820	0.513	12.120	101.380	66.834	12.200	99.940	66.834
12.840	101.220	66.834	12.600	99.780	66.834	12.440	100.340	0.676	12.280	100.900	0.462	12.120	101.460	66.834	12.200	100.020	66.834
12.840	101.300	66.834	12.600	99.860	66.834	12.440	100.420	0.569	12.280	100.980	0.432	12.040	99.540	66.834	12.200	100.100	1.023
12.840	101.380	66.834	12.600	99.940	66.834	12.440	100.500	0.495	12.280	101.060	66.834	12.040	99.620	66.834			
12.840	101.460	66.834	12.600	100.020	66.834	12.440	100.580	0.479	12.280	101.140	66.834	12.040	99.700	66.834			
12.760	99.540	66.834	12.600	100.100	66.834	12.440	100.660	0.495	12.280	101.220	0.589	12.040	99.780	66.834			
12.760	99.620	66.834	12.600	100.180	66.834	12.440	100.740	0.462	12.280	101.300	0.676	12.040	99.860	66.834			
12.760	99.700	66.834	12.600	100.260	0.776	12.440	100.820	0.447	12.280	101.380	0.724	12.040	99.940	66.834			
12.760	99.780	66.834	12.600	100.340	0.631	12.440	100.900	0.432	12.280	101.460	0.804	12.040	100.020	66.834			