BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
094P064

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Siviculture Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM, Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- HydroNavBarriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1,000,000 ha - 15 % hatch)
- Municipal boundary (> 1,000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
○12 — 1 Silviculture symbol and Opening Number
123/L — 2 Polygon Number and multi-layer stand indicator (L)
Fd(Hw) — 3 Species Composition
ex: the most important layer is described as Fd (Dougls Fir) and Hw (Western Hemlock).
211-20 — 4 Age, Height, Crown Closure Class Code - separator Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
he sl — 5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
GL78 — 6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opeing Number

○12 - opening number valid for BCGS mapsheet   *blank* - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
/L - Multi-layered stand (a separate description of each layer is availiable in the data base, i.e. 1,2)

Line 3 - BC Tree Code List

Species Compsition: Species are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dataed January 2009.

NATIVE CONIFERS
C CEDAR
Cw Western Red Cedar
Y CYPRESS
Yc Yellow Cedar
F DOUGLAS FIR
Fd Douglas Fir
Fdc Coastal Douglas Fir
Fdi Interior Douglas Fir
B FIR (Balsam)
Ba Amabilis Fir
Bg Grand Fir
Bl Subalpine Fir (alpine)
H HEMLOCK
Hm Mountain Hemlock
Hw Western Hemlock
Hxm Mountain x Western Hemlock hydrid
J JUNIPER
Jr Rocky Mtn. Juniper
Js Seaside Juniper
L LARCH
La Alpine Larch
Lt Tamarack
Lw Western Larch
P PINE
Pj Jack Pine
Pf Limber Pine
Pl Lodgepole Pine
Pli Lodgepole Pine (interior)
Pxj Lodgepole x Jack Pine hybrid
Py Ponderosa Pine (yellow)
Plc Shore Pine (coast)
Pw Western White Pine
Pa Whitebark Pine
S SPRUCE
Sb Black Spruce
Se Engelmann Spruce
Ss Sitka Spruce
Sw White Spruce
Sx Spruce hybrid
Sxw Engelmann x White
Sxl Sitka x White
Sxs Sitka x unknown hybrid
T YEW
Tw Western Yew

NATIVE HARDWOODS
D ALDER
Dr Red Alder
U APPLE
Up Pacific Crab Apple
A ASPEN, COTTONWOOD or POPLAR
Ac Poplar
Acb Balsam Poplar
Act Black Cottonwood
Ax hybrid Poplars
At Trembling Aspen
R ARBUTUS
Ra Arbutus
E BIRCH
Ea Alaska Paper Birch
Exp Alaska x Paper Birch hybrid
Ep Paper Birch (white)
Ew Water Birch
K CASCARA
Kc Cascara
V CHERRY
Vb Bitter Cherry
Vv Choke Cherry
Vp Pin Cherry
G DOGWOOD
Gp Pacific Dogwood (western flowering)
M MAPLE
Mb Bigleaf Maple (broadleaf)
Mv Vine Maple
Q OAK
Qg Garry Oak
W WILLOW
Wb Bebb's Willow
Wp Pacific Willow
Wa Peachleaf Willow (Barclay's)
Wd Pussy Willow (gray-leaved)
Ws Scouler's Willow
Wt Sitka Willow (tea-leaved)

UNKNOWN - OTHER
X UNKNOWN
Xc unknown conifer
Xh unknown hardwood
Z OTHER (tree not on list)
Zc other conifer
Zh other hardwood

EXOTICS
APPLE
Ua Apple
ASPEN, COTTONWOOD or POPLAR
Ad *Southern Cottonwood
BIRCH
Ee European Birch
Es Silver Birch (swamp)
Ey *Yellow Birch
CHERRY
Vs Sweet Cherry
CYPRESS
Yp *Port Orford Cedar
FIR (Balsam)
Bb *Balsam Fir
Bp Noble Fir
Bm *Shasta Red Fir
Bc *White Fir
LARCH
Ld *Dahurian Larch
Ls *Siberian Larch
MAPLE
Me Box Elder
Mn *Norway Maple
Ms *Sycamore Maple
OAK
Qe *English Oak
Qw *White Oak
OTHER EXOTICS
Oa *Incense Cedar
Ob *Giant Sequoia
Oc *Coast Redwood
Od European Mountain Ash
Oe Siberian Elm (southern)
Of Common Pear
Og Oregon Ash
Oh *White Ash
Oi *Shagbarck Hickory
Oj Tree-of-heaven
Ok Japanese Walnut
PINE
Pm *Monterey Pine
Pr *Red Pine
Ps *Sugar Pine
SPRUCE
Sn *Norway Spruce

Line 4

4a AGE CLASS CODE	LIMITS (years)	4b HEIGHT CLASS CODE	LIMITS (metres)	4c CROWN CLOSURE CLASS CODE	LIMITS (percentage)
				0	0 - 5
1	1-20	1	0.1 - 10.4	1	6 - 15
2	21-40	2	10.5 - 19.4	2	16 - 25
3	41-60	3	19.5 - 28.4	3	26 - 35
4	61-80	4	28.5 - 37.4	4	36 - 45
5	81-100	5	37.5 - 46.4	5	46 - 55
6	101-120	6	46.5 - 55.4	6	56 - 65
7	121-140	7	55.5 - 64.4	7	66 - 75
8	141-250	8	65.5 +	8	76 - 85
9	251 +			9	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX
SI is estimated when suitable SI trees arenot present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)

NON-TREED SHRUB
st SHRUB TALL - shrub with average shrub height > or = to two metres.
sl SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
he HERB - herb with no distinction between forbs and graminoids.
hf HERB - FORBS - herb with forbs > 50% of the herb cover.
hg HERB - GRAMINOIDS - herb with gaminoids > 50% of the herb cover.

NON-TREED BRYOID
by BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
el Exposed Land
ro Rock / Rubble
si Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gp	GRAVEL PIT	mu	MUDFLAT SEDIMENT	rm	RESERVOIR MARGIN
be	BEACH	la	LAKE	mz	RUBBLY MINE SPOILS	rm	RAILWAY SURFACE
bl	BLOCKFIELD	lb	LAVA BED	oc	OCEAN	rs	RIVER SEDIMENTS
br	BEDROCK	ll	LANDING	ot	OTHER	rz	ROAD SURFACE
bu	BURNED AREA	ls	POND or LAKE SEDIMENTS	pn	SNOW COVER	ta	TALUS
cb	CUTBANK	mi	OPEN PIT MINE	re	RESERVOIR	tz	TAILINGS
es	EXPOSED SOILS	mn	MORAINE	ri	RIVER / STREAM	ur	URBAN
gl	GLACIER						

Note: Water categories (la, oc, re, ri) not labelled over 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records)

A	ALPINE	NP	NON PRODUCTIVE	SAND	SAND
AF	ALPINE FOREST /Species	NPBR	NON PRODUCTIVE BRUSH	TIDE	TIDAL FLAT
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN	U	URBAN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST /Species		
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OR	OPEN RANGE	NCBR	NON COMERCIAL BRUSH
ICE	ICEFIELD	P	HAYFIELD	NP	NON PRODUCTIVE
M	MEADOW	R	ROCK	NSR	NOT SUFFICIENTLY RESTOCKED
MUD	MUD FLAT	S	SWAMP	NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

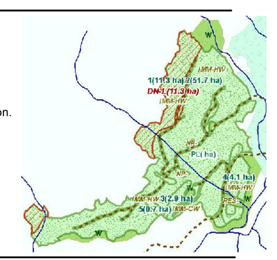
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

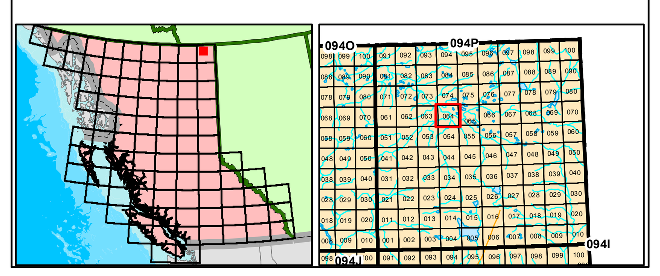
Example Opening History Details

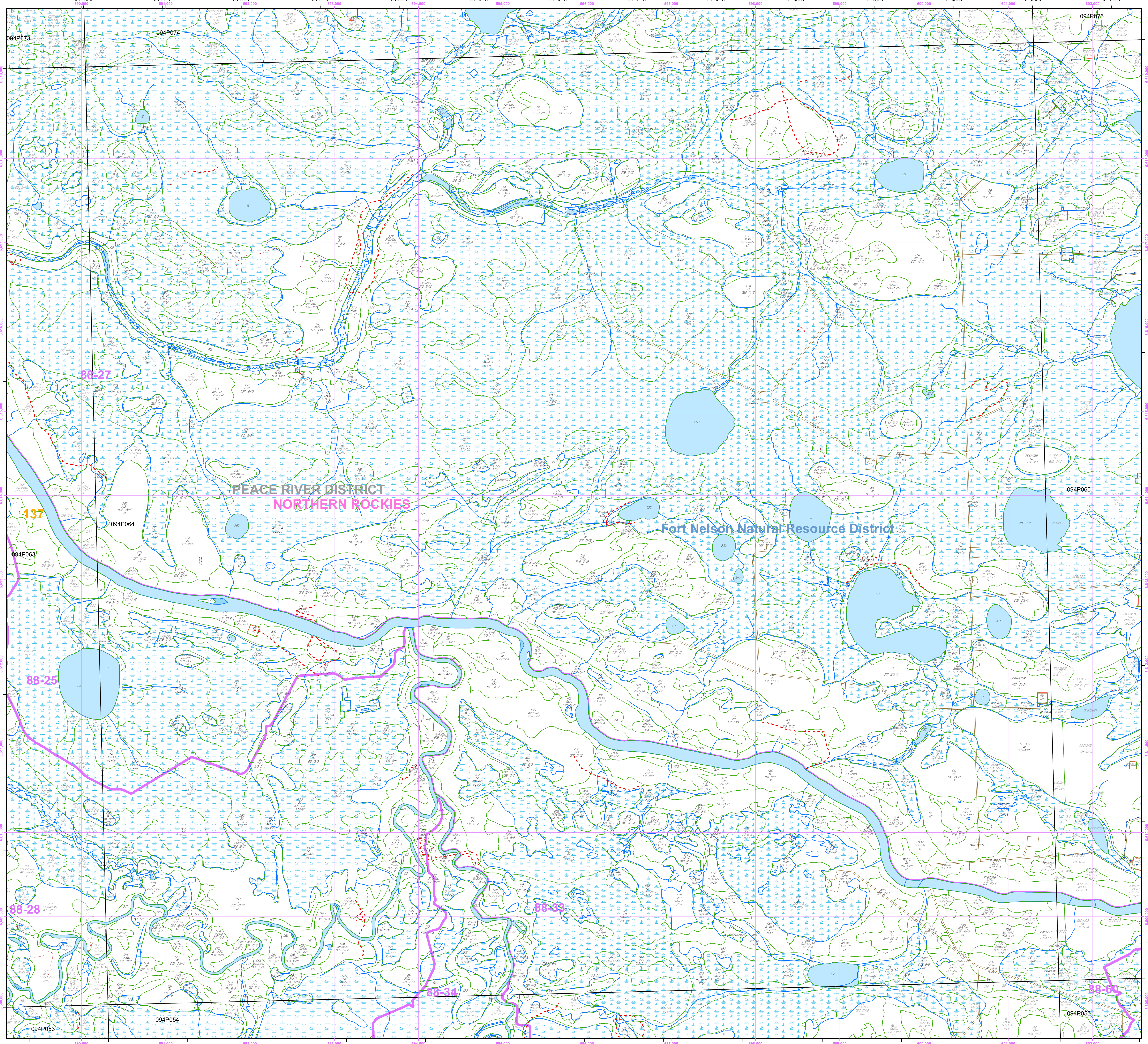
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH







Overflow Labels

1 SbSw 725-6/6 sl by	190 Sb 414-4/4 sl be by	418/L Sw 831-13/13	553 AtSw 536-15/14 st	642 SwAt(Sb) 424-12/11 st be ri	776 SbPl 417-7/7 st
4 Sb(Sw) 716-5/4 sl	198 Pl 527-13/12	419 Sw(At) 526-12/11 st be	559 SwSb 526-14/14 sl	643 Sw 536-16/16 he	9126757 Sb(Sw) 726-7/6 sl
14 Sb 617-5/4 sl	199 Sb 514-8/7 he sl	420 Sw 527-11/10 st	564 AtSw 426-14/13 st	644 SwAt 536-15/15	9246791 Sb 514-5/4 sl by be
40 sl bg ri	202 Sb(Pl) 511-7/6 sl be by	421 AtSw 426-15/14 st	568 SwSb(Pl) 526-14/14	647 Sw 527-14/14	22746853 Pl(Sb) 524-12/12 sl
42 PlSb 427-13/12	203 SbSw 526-9/9 st	427/L Sw(At) 526-13/13 st	570 AtAcSw) 423-12/12 st he	651 PlSb 424-9/9 sl by	25516903 Pl(Sb) 524-12/12 sl
45 Pl(Sb) 427-12/11	204 SbSw 514-5/4 sl be	430 At(Sw) 537-17/16	571 SwSb(Pl) 526-13/13 st	656 PlSb 424-9/9 sl by	38183975/L SwAtPl(Sb) 635-15/14 sl G111
46 Sb 414-5/4 st be	206 Pl(Sb) 526-14/13 sl	433 Sw 526-13/13 hg	572 Pl 425-14/13 by sl	658 Pl 426-12/11	43331101/L PlSb 525-13/12 st be G111
51 Pl(Sb) 427-13/12	222 PlSw 536-17/16 st	434 Sw 527-13/13	573 SbSw 517-8/7	669 SbPl 615-5/4 sl	48667036 SwAt 736-14/13 st
53 Sb 526-9/8 sl	230 SbPl 426-11/11 sl	435 Sw 421-10/9 hg	577 PlSb 425-14/13 by	670 AtSw(Pl) 534-15/14 st	48726499/L Pl 426-14/13 G111
55 SbPl 416-7/7 sl	232 Lt(Sb) 621-7/7 sl be	438 Pl 537-18/17	582 Pl 425-14/13 by sl	672 Sb 511-6/6 sl be	56540948/L Pl 525-15/14 sl G111
56 Pl 427-13/12	262 At(SwAc) 437-18/17 st	442 SwAt 514-8/8 sl be	587 Pl(At) 536-17/16 he	692 Sw(At) 536-16/15 st	68167170 Sb 412-6/5 sl be by
59 Sb 511-5/4 st be	264 AtAc(Sw) 426-13/12 st	445 AtSw 525-12/12 st	588 AtSw(Ac) 536-18/17 st	693 SbSwAt 416-8/8 st	71215055 Sb 611-5/5 sl hg
61 hg la	266 Sw(At) 524-14/14 st	457 AtSw 835-17/15 st	591 At(Sw) 524-14/14 st	697 SbAcSw 515-8/7 st	72397194 Sb(Sw) 613-6/5 sl
69 Pl(Sb) 426-13/12 sl	279 Sw 736-14/13 sl	463 At 537-16/15 hg	592 At(AcSw) 534-17/16 st be	701 SbSw 516-8/7 st	74837103 Sb 411-4/4 sl by
75 Pl(Sb) 427-12/11	297 At(SwSb) 526-14/14 st	472 Sb 413-4/4 sl	595 PlSb 535-16/15	705/L SbSw 416-6/6 by sl	75495992 SbSw 724-7/6 st
76 Sb(Sw) 614-6/6 st	300 Pl 536-17/16 sl	474 AtSw(Sb) 535-16/15 st	597 AtSw(Ac) 536-19/18 st	706 Sw 835-11/10 st	75576050 Sb 413-4/4 sl be
79 Pl(Sw) 436-17/16 sl	302 Sw 427-15/14	476 SwSb 526-11/10 st	598 SwAt 526-12/11 sl	714 SwSb 834-11/10 st be	77492981 SwSb(At) 626-11/10 st
82 PlSw 537-17/16 sl	303 AtSbSw 536-15/14 st	480 SwAt 413-6/5 st	600 Sw(AtSb) 526-13/13 sl be	716 SbSw 414-6/6 sl by	79120912 SwAt(Sb) 526-12/11 st
97 Pl(SwLt) 533-17/16 st be	304 SwAt 836-13/12 st	482 SwAtSb 526-12/12 st	602 AcSw 635-17/18 st be	718 Sw 835-12/11 st be	
123 Sw(At) 426-11/10 st	308 Sb 616-6/6 sl	483 AtAc 736-18/17 st	608 Pl(Sw) 536-17/16 sl	727 Sb 513-5/4 sl by	
133 SbSw(Lt) 623-7/6 sl	319 Sb 523-11/10 sl be	489 SwSb(Lt) 636-12/12 sl	612 Sw(Ac) 537-16/16	732 At 521-14/14 st	
139 Sb 614-6/5 sl	331 Sb 516-7/6 sl	493 PlAt 527-14/13 st	613 AcSwAt 636-17/18 st	735 Sb 513-5/5 sl by	
141 SbPl 416-6/6 sl	356 Sw 833-9/8 st	499 At 536-15/14 st	617 SwAt(Sb) 526-14/14 sl	742 Sw 736-14/14	
149 Sb 614-3/2 sl by	358 AtPl(SwSb) 536-15/14 st	500 Sw 521-12/12 st	618 Sw 412-8/7 sl	749 Sb 515-5/4 sl	
150 Sw 421-15/14 sl be	374 SwPl(At) 636-14/13 st	508 SwSb 424-13/12 he sl la	619 Sw 536-15/15	755 Pl(At) 536-22/21 st	
152 Sb 416-8/8 by sl	375 Sb 610-5/4 sl hg by	509 SwSb(At) 625-11/10 st	624 Pl 536-16/15 st	758 At 537-15/14 st	
156 Sw 426-11/10 sl	377 Sb(SwLt) 516-6/6 sl	539 Sw(At) 525-13/12 st	625 SwSb 526-13/13 st	760 AtAcSw 745-19/18 st	
157 Sb 416-7/7 sl	384 At(Sb) 427-16/15	540 AtPl 636-15/14 sl be	630 Sb(PlAt) 515-8/8 by	764 PlAtSb 535-16/15 st	
158 At 438-17/16 st	385 At 437-18/17 st	542 AtPl 536-16/15 he	633 Sb(SwAc) 516-8/8 st	765 SbLt 726-8/7 sl be	
165 PlSb 527-12/11	396 AtSwSb(Pl) 537-16/15	543 At(Sw) 526-14/14 st	636 PlAt(Sb) 527-14/13 st	767 Sb 626-7/6 sl	
170 hg sl la	413 SwSb 736-10/10 st	544 SwAt 526-11/10 st be	637 AtSbSw 537-16/15 by	770 hg sl ri	
172 AtSb 426-13/13 sl be	416 Sw 526-11/10 he	547 SbSw(At) 515-8/7 sl be	639 AcSw 636-14/15	771 Sb 411-7/6 hg sl ri	
179 SwSb 524-9/8 sl hg	417 At(Sw) 427-13/12 st	550 Sb 513-5/5 sl by	640 SbSw(At) 526-8/8 sl	775 PlSb 424-16/15 st	