

WMAP Cosmological Parameters

Model: owcdm

Data: wmap9+spt+act+snls3

$10^9 \Delta_{\mathcal{R}}^2$	$2.428 \pm 0.088$	$H_0$	$74.2 \pm 4.9$ km/s/Mpc
$A_{\text{clustered}}$	$< 10$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.8 \pm 2.3$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 17$ (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5746 \pm 33$ $\mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14236 \pm 90$ Mpc	$d_A(z_*)$	$14066 \pm 94$ Mpc
$D_v(z=0.57)/r_s(z_d)$	$12.80 \pm 0.71$	$\eta$	$(6.10 \pm 0.10) \times 10^{-10}$
$k_{\text{eq}}$	$0.00985 \pm 0.00027$	$\ell_{\text{eq}}$	$138.6 \pm 2.9$
$\ell_*$	$302.04 \pm 0.42$	$n_b$	$(2.506 \pm 0.042) \times 10^{-7}$ $\text{cm}^{-3}$
$n_s$	$0.965 \pm 0.010$	$\Omega_b$	$0.0410 \pm 0.0054$
$\Omega_b h^2$	$0.02231 \pm 0.00037$	$\Omega_c$	$0.207 \pm 0.027$
$\Omega_c h^2$	$0.1127 \pm 0.0038$	$\Omega_k$	$0.004 \pm 0.010$
$\Omega_k$	$-0.018 < \Omega_k < 0.022$ (95% CL)	$\Omega_\Lambda$	$0.748 \pm 0.025$
$\Omega_m$	$0.248 \pm 0.032$	$\Omega_m h^2$	$0.1350 \pm 0.0037$
$\Omega_{\text{tot}}$	$0.996 \pm 0.010$	$\Omega_{\text{tot}}$	$0.98 < \Omega_{\text{tot}} < 1.02$ (95% CL)
$r_s(z_d)$	$153.0 \pm 1.0$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.366 \pm 0.023$
$r_s(z_d)/D_v(z=0.2)$	$0.199 \pm 0.012$	$r_s(z_d)/D_v(z=0.35)$	$0.1189^{+0.0070}_{-0.0071}$
$r_s(z_d)/D_v(z=0.44)$	$0.0973 \pm 0.0056$	$r_s(z_d)/D_v(z=0.54)$	$0.0819 \pm 0.0046$
$r_s(z_d)/D_v(z=0.57)$	$0.0783 \pm 0.0043$	$r_s(z_d)/D_v(z=0.6)$	$0.0752 \pm 0.0041$
$r_s(z_d)/D_v(z=0.73)$	$0.0646 \pm 0.0034$	$r_s(z_*)$	$146.31 \pm 0.96$
$R$	$1.724 \pm 0.013$	$\sigma_8$	$0.822^{+0.032}_{-0.031}$
$\sigma_8 \Omega_m^{0.5}$	$0.408 \pm 0.030$	$\sigma_8 \Omega_m^{0.6}$	$0.355 \pm 0.030$
$\alpha_{\text{SNLS}}$	$1.43 \pm 0.11$	$\beta_{\text{SNLS}}$	$3.26 \pm 0.11$
$A_{\text{SZ}}$	$< 1.1$ (95% CL)	$t_0$	$13.49^{+0.54}_{-0.55}$ Gyr
$\tau$	$0.085 \pm 0.013$	$\theta_*$	$0.010401^{+0.000014}_{-0.000015}$
$\theta_*$	$0.59595 \pm 0.00083$ $^\circ$	$\tau_{\text{rec}}$	$284.6 \pm 2.0$
$t_{\text{reion}}$	$470^{+66}_{-67}$ Myr	$t_*$	$377378^{+3462}_{-3447}$ yr
$w$	$-1.034^{+0.081}_{-0.080}$	$z_d$	$1019.85^{+0.82}_{-0.83}$
$z_{\text{eq}}$	$3231 \pm 88$	$z_{\text{rec}}$	$1088.41 \pm 0.69$
$z_{\text{reion}}$	$10.3 \pm 1.1$	$z_*$	$1091.30 \pm 0.68$